# Viewpoint
## Jobpac Connect™

# Jobpac API List
# User Guide
# Version: 1.2

# Document Control Table

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| **Commercial in Confidence** | |

# Change History

| Version | Date | Author | Description of Changes |
|---|---|---|---|
| 1.0 | 30/09/2021 | DMB | Initial Release |
| 1.1 | 30/01/2023 | CM | Minor update of Other API listings |
| 1.2 | 01/09/2023 | Bhaskar S | Change to use AES instead of 3DES |

# Table of Contents

# Introduction

Jobpac web services are based around the Rest architecture. We have a large number of services that provide lists of information from the Jobpac database incorporating all the standard Jobpac security (job security, work id security etc). Users can retrieve lists of data that they are allowed to access.

Restful services are more flexible than the older Soap/WSDL web services and allow the web service to be customised for different applications.

Restful requests can be either GET, PUT or POST requests. Most of our services are GET services that get information from Jobpac and return it to the client. We also have some PUT services which allow the client to put transactions in the Jobpac database with all the standard validity checking and some POST services which allow information to be updated.

An example of a Get service is given here:

This service provides a list of jobs. The data can be returned in a number of formats (JSON, XML, CSV etc). The &OutputFormat=HTML parameter allows you to specify the output format. (HTML is useful for testing in a browser as it presents the information in a table that you can view, HTML is not really much use for actually consuming the service though)

The request might be something like this:

*https://jwis.cloud.jobpac.com.au:9001/WorkIdListing?Token=GIMYX09LVKXCVYEL7TRV3TITV*

The nice thing about restful services is that they can be tested directly in a browser (at least for GET services). So if you are connected to Jobpac's LAN you could test this and see the returned JSON data. If you want to test POST/PUT services in a browser there are add-ons available for most browsers, I recommend postman for chrome.

The first part of the request is the web address of the iSeries followed by a port that the restful service provider is running on.  There are several Jobpac servers and you will need to check with your consultant to find out which one you are using.

Next is the name of the particular restful service that we want to run (in this case a WorkIdListing)

This is followed by a series of parameters, some of which are optional and some of which are mandatory. More information on the specific parameters for each service is provided further down in this documentation.

# Conventions used in this document

Each web service is described below and the description is broken up into the following parts

## Description
A description of the web service.

## Request
An example of the request. If there is no example provided you can construct one by following this convention:

*https://jwis.cloud.jobpac.com.au:9001/NameOfWebService?FirstParameter=Value&SecondParameter=Value&ThirdParameter=Value*

## Passed Parameters
This is a list of the parameters that are supplied to the web service. In the URL the first parameter is preceded by ? and subsequent parameters are preceded by &. See the example above

### FirstParameter                                              Mandatory
A mandatory parameter must be specified for the web service to work.

### SecondParameter                                              Range
A parameter that specifies a range is optional and can either be specified using a single value (eg &SecondParameter=ABCDE) or using two parameters to specify a range (&StartSecondParameter=A0000&FinishParameter=A99999). If you don't specify a range parameter then the web service will assume you want the full range.

### ThirdParameter                                               Optional
Optional parameters are optional (obviously).

The response fields for web services that perform updates or create records in the database are consistent and predictable and are therefore summarised here and not listed individually within the document.

The response fields for web services that update or add records to the database consist of a series of boolean flags which indicate whether the action was successful or not, whether there were warnings or not and which fields were in error and a general descriptive message that can be used to discern the nature of the error.

There is a message text field which will provide feedback to the end user.  This may be an error message a warning message or something else.

There is a Success flag which will be set to "Yes" if the action was successful.

There is a Warning flag which will be set to "Yes" if the action was successful but a warning error was issued.

There will be a flag for each field that the web service can accept which will be set to "Yes" if that field is in error (eg WorkIdInError).

# System Web Services

## GiveMeAToken

### Description

This service validates your user profile and password and provides you with a token that you can use for a period of time to call other web services. The user id and password are passed in an encrypted string using AES encryption with an encryption key that will be provided to you by viewpoint.

The encryption key is defined for each combination of environment and application. The encryption key that you have must match the environment and application that were provided to you by viewpoint when they gave you the encryption key.

The token that this API provides will expire after a period of time and that depends on the application, but this will usually be set to 24 hours.

It's good practice to delete the token when you are finished with it, but this is not mandatory. (See the DeleteAToken service).

### Request:

*https://jwis.cloud.jobpac.com.au:9001/GiveMeAToken?Environment=JIS&Application=MYAPP&version=1.00&value=wvsMBYLOqTouWCZUvzW9tx+jHZiLXtDV+4fWZMT8W2fpPbTrWsRDf2GoPNKPBH9X*

### Passed Parameters

#### *Environment*                                                                                     *Mandatory*
Each Jobpac customer has an environment code that tells the web service where to find the relevant database for the customer. If you don't know your environment code viewpoint can provide it for you.

#### *Application*                                                                                     *Optional*
This is an application code that uniquely identifies the client application that is calling the web service. This allows web services to be customised for a particular application. You should agree with the viewpoint technical staff on an application id for your application so we can customise the web services for you should the need arise.

### Version                                                          Optional

This is the version of the client application; this can be used to customise the web service. This is useful to provide legacy support to older versions of the same application where the requirements have changed at some point.

The application code that you use (in this example MYAPP) is something that should be agreed between the client and Viewpoint beforehand in order to ensure that each application ID is unique.

### Value                                                          Mandatory

This is the combination of the AES encrypted user id and password, along with a unique initialization vector.

The first 16 characters of the value should be the initialization vector and the rest of the value is an encrypted string.

The unencrypted string is broken up as follows:

Characters 1 to 10 are the user id padded with blanks if the userid is shorter than 10 characters followed by the password staring in position 11.

We use CBC cipher mode and a 32-character encryption key (256bits) along with a 16-character initialisation vector.

The 32-character encryption key is provided by viewpoint for each combination of environment and application id.

Once you generated the encrypted string as above, you can combine it with the 16-character initialization vector as the Value.

The 16-character initialisation vector (IV) is a random string generated by the client and must be unique for every call made to the GiveMeAToken web service. If the IV has been used previously, the system will return a message saying that it has already been used.

### JSON Response:

{"data":[{"ErrorMessage": "User profile USERID1234 not found.","Token": ""}]}
Or

{"data":[{"ErrorMessage": "","Token": " AHT7UZVT1PCLY66US80JVE765"}]}

This service will only respond in JSON format.

The service responds with a token (or an error message) that can be for a period of time (usually 24 hours but this is configurable) from the same IP address that called the GiveMeATokenService. This token will obviate the need to pass the user id, password, environment, application and version to other services.

### Response fields
#### ErrorMessage
If there was an error (eg incorrect password) this field will contain the error message.

*Token*

If there was no error a token string will be returned here.

## DeleteAToken

### Description

You can use this web service to delete a token before it expires. You can do this once you're finished with the token.

The only parameter is the token.

TRANSFORMING THE WAY THE WORLD WORKS

**Request:**

*https://jwis.cloud.jobpac.com.au:9001/DeleteAToken?Token=GIMYX09LVKXCVYEL7TRV3TIT V*

**Passed Parameters**

*Token*                                                                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**JSON Response:**

{"data":[{"ResponseText":   "Failed"}]}
Or

{"data":[{"ResponseText":   "Success"}]}

**Response fields**

*ResponseText*

## WorkIdListing

**Description**

This service provides a list of Work Ids that the user has access to.

**Request:**

*https://jwis.cloud.jobpac.com.au:9001/WorkIdListing?Token=GIMYX09LVKXCVYEL7TRV3TITV*

**Passed Parameters**

*Token*                                                                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*AlphaSearch*                                                                              *Optional*

**JSON Response:**

{"data":[{"WorkId": "10","Description": "JIS Test Environment"}]}

**HTML Response**

| Work Id | Description |
|---------|-------------|
| 10 | JIS Test Environment |

**Response fields**

*WorkId*

This is the 3 digit work id number

*Description*

This is the description of the Jobpac work id

# Jobpac APIs

## UserEnvironmentListing

### Description

A Jobpac environment code tells Jobpac which customer's environment you wish to access. Almost all customers only have one environment but in rare cases a customer may have more than one if they are acceptance testing a new release of Jobpac for example.

This service provides a list of valid environments for a particular user. Usually there is only one environment for a user which corresponds to the company that they work for. If you are writing a generic application for many Jobpac customers then this service is useful so that you don't have to hard code an environment code but if you are writing for a specific Jobpac client you could just hard code the environment code and bypass this service altogether.

You don't need to provide a token to access this service because you need to know the environment before you can get a token (See the GiveMeAToken service further down.

### Request:

*https://jwis.cloud.jobpac.com.au:9001/UserEnvironmentListing?Application=MYAPP&Version=1.00&User=BLTSMIJOH0*

### Passed Parameters

#### User                                                    Mandatory
The user id that you need the environment listing for.

#### Application                                             Optional
Please see the description for this parameter on the GiveMeAToken service.

#### Version                                                 Optional
Please see the description for this parameter on the GiveMeAToken service.

### JSON Response
{"data":[{"Environment":  "ABC","Description":  "Sample"}]}

### HTML Response

| Environment | Description |
|-------------|-------------|
| ABC         | Sample      |

### Response fields
#### Environment
This is the environment code that you will need in order to get a token (See the GiveMeAToken web service below)

#### Description
A description of the environment.

## Other System APIs

GetAlphaSystemParameter
GetNumericSystemParameter
EmailContactListing
UserListing
MenuOptionListing
SelectCurrentWorkId
EnvironmentListing

TRANSFORMING THE WAY THE WORLD WORKS

# Purchasing and Procurement Web Services

## PurchaseOrderListing

### Description

This web service provides a list of purchase order header information. The purchase order lines are provided by the PurchaseOrderItemListing web service.

### Passed Parameters

**Token**                                                    **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**Database**                                                  **Optional**

If you specify a WorkId you don't need to specify a database. If you don't specify a work id or a database the default database for the environment will be used. This is usually the live database for most users as most users have a live and test database.

**WorkId**                                                    **Optional**

The 3 digit work id number. If you don't specify the work id all work ids in the database will be included.

**Order**                                                     **Range**

**Complete**                                                  **Optional**

Yes/No filter to allow for selection of complete orders only. This works with the Incomplete filter (see below). Omitting both parameters will select orders regardless of their status and is the same as specifying Y for both filters. Specifying only one of the filters will cause the system to assume that you want the other filter set to N.

(Eg:

&Complete=Y is the same as saying &Complete=Y&Incomplete=N

&Incomplete=Y is the same as saying &Complete=N&Incomplete=Y

&Complete=Y&Incomplete=Y is the same as omitting the parameters altogether.

**Incomplete**                                                **Optional**

Yes/No filter to allow for selection of incomplete orders only.

**OrderType**                                                 **Optional**

If &OrderType=E is specified, only enquiry orders will be included, if &OrderType=C only committed orders will be included. If the parameter is not specified both enquiry and committed orders will be included.

*CreditorWorkId*                                          *Optional*

*Creditor*                                               *Optional*

The 8 character creditor code can be used as a filter.

*Incomplete*                                             *Optional*

Yes/No filter to allow for selection of incomplete orders only.

*AlphaSearch*                                            *Optional*

This can be used to include only orders with certain words or phrases in the order header description, Raised by, Supplier Contact, Internal Contact, Email Address and the user defined fields.

*LastUpdateTimeStamp*                                    *Range*

You can filter to only orders where the header details have been updated in a particular range of dates and times.  This field should be expressed in the format 2018-06-27-16.00.00.000000

You can ask for all orders updated after a particular date/time by specifying &StartLastUpdateTimeStamp=2018-06-27-16.00.00.000000

*LastUpdatedItemOrHeaderTimeStamp*                       *Range*

You can filter to only orders where the header details or any item have been updated in a particular range of dates and times.  This field should be expressed in the format 2018-06-27-16.00.00.000000

You can ask for all orders updated after a particular date/time by specifying &StartLastUpdateTimeStamp=2018-06-27-16.00.00.000000

**Response fields**

*Work Id*
*Order*
*Complete*

Boolean flag to indicate if the order is complete.

*Description*
*Order Date*
*Order Type*

C=Committed Order, E=Enquiry Order

*Delivery Date*
*Creditor Work Id*
*Creditor*
*Creditor ACN*

This is the ABN or ACN for the creditor.

*Creditor Name*
*Creditor Fax*
*Creditor Phone Number*
*Currency*
*Exchange Rate*
*Delivery Contact*
*Delivery Contact Phone*

*Delivery Address Code*
*Delivery Address Line 1*
*Delivery Address Line 2*
*Delivery Post Code*
*Delivery State*
*Delivery Suburb*
*Delivery Country*
*Raised By*
*Raised By User Name*
*Supplier Contact*
*Internal Contact*
*Email Address*
*Product Or Service Code*
*Requisition Number*
*User Defined Field 1*

The details of the user defined fields vary from Jobpac client to client and are defined in system parameters.

*User Defined Field 2*
*User Defined Field 3*
*User Defined Field 4*
*User Defined Field 5*
*Estimate Only*
*Include in Taxable Payments*
*Base Currency Nett Value*
*Foreign Currency Nett Value*
*Foreign Currency Tax Amount*
*Base Currency Tax Amount*
*Base Currency Gross Value*
*Foreign Currency Gross Value*
*Template*
*Cost Table*
*Job*

This is the job for the first line on the order.  For customers who have system parameters set up in such a way that all lines must be for the same job it makes sense to reference this field at this level but it may not make sense if your parameters are not set up this way.

*Incomplete*
*Last Update Timestamp*
*Last Updated Item Or Header Timestamp*

## POApprovalRulesListing

### Description

This web service returns a list of purchase order approval rules for an order.

### Passed Parameters

#### Token                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### Database                                                 Optional

If you specify a WorkId you don't need to specify a database.  If you don't specify a work id or a database the default database for the environment will be used.  This is usually the live database for most users as most users have a live and test database.

#### WorkId                                                   Mandatory

The 3 digit work id number.

#### Order                                                    Mandatory

They 8 character order number.

### Response fields

#### Allocation

This is 1,2 or 3. 1=Job, 2=Asset, 3=GL Account.  This signifies the costing allocation of the order items.

#### JobAssetOrGLAccount

This will contain the Job, Asset or GL Account.  You can use the Allocation Field to determine which one it is.

#### Description
#### CostingWorkID

The work id that the job, asset or GL account is in.

#### TotalValue

The total value of all order items matching this costing allocation.

#### NumberOfApprovers

The number of approvers.

#### SequentialOrParallelApprovers

This contains either S or P to indicate whether approval is to be done sequentially or in parallel.

#### SeperationOfResponsibilitiesForApprovers

This Boolean field contains "Yes" if there is a separation of responsibilities.

#### AutomaticReturnEmail
#### NumberOfItems

## POAuthorisationListing

### Description

This web service returns a list of users authorised to approve items on a purchase order with a particular costing allocation.

### Passed Parameters

*Token*                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*Database*                                 *Optional*

If you specify a WorkId you don't need to specify a database. If you don't specify a work id or a database the default database for the environment will be used. This is usually the live database for most users as most users have a live and test database.

*WorkId*                                   *Mandatory*

The 3 digit work id number.

*Order*                                    *Mandatory*

They 8 character order number.

*Job*                                      *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this job.

*Asset*                                    *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this asset.

*GeneralLedgerAccount*                     *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this GL account.

### Response fields

*User*

The user id of the user who is authorised to approve the items.

*UserName*

The name of the user

*AuthorisationLimit*

The authorisation limit for this user.

*ApproveWithoutBudget*

This field will contain "Yes" if the user is allowed to approve the order even if there is not enough budget. It only applies to Job related items and will not be included unless a job is provided.

## SendPOApprovalPendingEmail

### Description

This web service notifies a user by email that they have purchase orders pending approval and records that information in the purchase order system.

### Passed Parameters

#### *Token*                                                          *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### *Database*                                                       *Optional*

If you specify a WorkId you don't need to specify a database. If you don't specify a work id or a database the default database for the environment will be used. This is usually the live database for most users as most users have a live and test database.

#### *WorkId*                                                         *Mandatory*

The 3 digit work id number.

#### *Order*                                                          *Mandatory*

They 8 character order number.

#### *Job*                                                            *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this job.

#### *Asset*                                                          *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this asset.

#### *GeneralLedgerAccount*                                           *Optional*

This is optional but you must provide some costing information, so either a job, asset or GL account but only one of those. At least one unapproved item on the order should be costed to this GL account.

#### *SendToUser*                                                     *Mandatory*

This is the 10 character user id of the user who you wish to receive the email. They must be a user who is able to approve items on this order.

#### *Sequence*                                                       *Optional*

For sequential approval this field is mandatory but it is not required for parallel approvals.

This is the sequence that the users will added to the list of approvers for this order. For sequential approval only sequence 1 users will receive an email but other users can be added to the list for subsequent approval.

## PurchaseOrderItemListing

### Description

This web service returns a list of purchase order items for a purchase order.

### Passed Parameters

**Token**                                          **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                          **Mandatory**

The 3 digit work id number.

**Order**                                           **Mandatory**

**OrderItem**                                       **Optional**

Specify this optional filter if you only want to retrieve a single purchase order item.

**AlphaSearch**                                     **Optional**

**LastUpdateTimeStamp**                             **Range**

You can filter to only items details have been updated in a particular range of dates and times. This field should be expressed in the format 2018-06-27-16.00.00.000000

You can ask for all order items updated after a particular date/time by specifying &StartLastUpdateTimeStamp=2018-06-27-16.00.00.000000

### Response fields

*Order Item*
*Status*
*Completed*
*Costing Firm*
*Job*
*Job Description*
*Cost Code*
*Cost Type*
*Cost Centre Description*
*General Ledger Account*
*Asset Firm*
*Asset*
*Asset Item*
*Property*
*Cost Table Code*
*Stock Code*
*User Defined Field 1*
*User Defined Field 2*
*Warehouse*
*Requisition Number*
*Product Services Code*
*Estimate*
*Rate Type*

*Description*

*Unit Of Measure*

*Quantity Ordered*

*Quantity Delivered*

*Committed Quantity*

*Quantity Invoiced*

*Cancelled Uninvoiced Docket Quantity*

*Incurred Quantity*

*Nett Unit Rate*

*Foreign Currency Nett Unit Rate*

*Gross Unit Rate*

*Foreign Currency Gross Unit Rate*

*Gross Item Value*

*Nett Item Value*

*Foreign Currency Gross Value*

*Foreign Currency Nett Value*

*Invoiced Amount*

*Foreign Currency Invoiced Value*

*Discount Percentage*

*Discount Amount*

*Foreign Currency Discount Amount*

*Percentage Of Budget Committed*

*Budget Committed*

*Foreign Currency Committed Budget*

*Paid Amount*

*Foreign Currency Paid Amount*

*Retention Held*

*Foreign Currency Retention Held*

*Retention Claimed*

*Foreign Currency Retention Claimed*

*Incurred Cost*

*Amount To Reduce FCC*

*Committed Cost*

*Tax Percentage*

*Tax*

*Foreign Currency Tax Amount*

*Sales Tax Percentage*

*Sales Tax*

*Foreign Currency Sales Tax*

*Expected Delivery Date*

*Payment Date*

*Need By Date*

*Review By Date*

*Completed Date*

*Item Entry Date*

*Resource*

*Tax Code*

*Delivery Text*

*Creditor*

## CreateANewPurchaseOrder

### Description
This is a PUT web service.

This web service will create a new purchase order header.  Once the header is created you can call the CreateANewPurchaseOrderItem service to create items for the order.

### Passed Parameters

**Token**                                                                **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                               **Mandatory**
The 3 digit work id number.

**Order**                                                                **Optional**
8 Character order.If you have automatic order number generation turned on then this field is optional and the next available order number will be used

**CostingWorkId**                                                        **Mandatory**
Optional

**Description**                                                          **Optional**
70 Character description

**OrderDate**                                                            **Optional**
Order Date in ISO Format. This will default to today's date.

**OrderType**                                                            **Optional**
Order Type E for Enquiry Order C for Committed Order. (Enquiry order is the default)

**DeliveryDate**                                                         **Optional**
Delivery Date

**Creditor**                                                             **Optional**
8 Character Creditor Code. This is mandatory for a committed order but optional for an enquiry order.

**DeliveryAddressCode**                                                  **Optional**
The delivery address code can be used in place of a delivery address to select one of the predefined delivery addresses defined.  You can use the PurchaseOrderDeliveryAddressListing to retrieve the list of these predefined addresses.  If you don't want to use one of those addresses you can provide the delivery address details using the detailed delivery address fields (DeliveryAddressLine1 etc) or you can just omit the delivery address.

**DeliveryAddressLine1**                                    *Optional*

If you have not provided a delivery address code you can specify a delivery address using this field and the other fields in this group (DeliveryAddressLine2, DeliveryPostCode etc).

This field allows for 30 characters

**DeliveryAddressLine2**                                    *Optional*

30 Characters

**DeliveryPostCode**                                        *Optional*

9 Characters (only 4 characters are used in Australia but some overseas addresses may require more)

**DeliveryState**                                           *Optional*

70 Characters

**DeliverySuburb**                                          *Optional*

25 Characters

**DeliveryCountry**                                         *Optional*

15 Characters

**RaisedBy**                                                *Optional*

70 Characters, if not provided this will default to the user id of the user requesting this service.

**SupplierContact**                                         *Optional*

70 Characters.  The name of the contact at the supplier.

**InternalContact**                                         *Optional*

70 Characters. The name of the contact within your organisation.

**EmailAddress**                                            *Optional*

70 characters.

**ProductOrServiceCode**                                    *Optional*

8 Characters

**RequisitionNumber**                                       *Optional*

10 Characters

**UserDefinedField1**                                       *Optional*

50 Characters

**UserDefinedField2**                                       *Optional*

50 Characters

**UserDefinedField3**                                       *Optional*

50 Characters

**UserDefinedField4**                                       *Optional*

50 Characters

**UserDefinedField5**                                       *Optional*

50 Characters

**EstimateOnlyFlag**  *Optional*

Yes/No Flag (Defaults to N)

**IncludeInTaxablePayments**  *Optional*

Yes/No Flag (Defaults to N)

**Template**  *Optional*

Yes/No flag (defaults to N)

**Job**  *Optional*

6 character job, depending on system parameters the job may or may not be used at a header level.  Some customers have it set up so that the job is applies to the entire order and others have it set up so that jobs are entered for individual items and one order can span multiple jobs.

## UpdateAPurchaseOrder

### Description

This is a POST web service.

This web service is used to update purchase order header details.

### Passed Parameters

**Token**  *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**  *Mandatory*

The 3 digit work id number.

**Order**  *Mandatory*

8 Character Order

**Complete**  *Optional*

Yes/No Flag.  If you want to complete the purchase order (to prevent any further delivery dockets and invoices from being raised against this order) set this to Yes

**Description**  *Optional*

70 Character Description, if not passed the description will not be updated.

**OrderDate**  *Optional*

Order Date in ISO date format (eg 2017-11-12)

**OrderType**  *Optional*

If you want to approve an order you can change the type from (E)nquiry to (C)omplete by specifying &OrderType=C.  (You must have the appropriate authority to do this).

**DeliveryDate**  *Optional*

Delivery Date in ISO Date format

**Creditor**  *Optional*

8 Character Creditor Code.   You can only change the creditor if it is an enquiry order.

**DeliveryAddressCode**                                    *Optional*

Delivery Address Code.  If you use a delivery address code then don't provide the delivery
address as it will be picked up from the delivery address code.

**DeliveryAddressLine1**                                   *Optional*

Delivery Address Line 1

**DeliveryAddressLine2**                                   *Optional*

Delivery Address line 2

**DeliveryPostCode**                                       *Optional*

Delivery Address Post Code

**DeliveryState**                                          *Optional*

Delivery State

**DeliverySuburb**                                         *Optional*

Delivery Suburb

**DeliveryCountry**                                        *Optional*

Delivery Country

**RaisedBy**                                               *Optional*

Name of the person who raised the order up to 70 characters.  The default for this depends on
system parameters.

**InternalContact**                                        *Optional*

Name of the internal contact (up to 70 characters)

**SupplierContact**                                        *Optional*

Name of supplier contact (up to 70 characters)

**EmailAddress**                                           *Optional*

Up to 70 characters

**ProductOrServiceCode**                                   *Optional*

**RequisitionNumber**                                      *Optional*

**UserDefinedField1**                                      *Optional*

Up to 50 characters

**UserDefinedField2**                                      *Optional*

Up to 50 characters

**UserDefinedField3**                                      *Optional*

Up to 50 characters

**UserDefinedField4**                                      *Optional*

Up to 50 characters

**UserDefinedField5**                                      *Optional*

Up to 50 characters

| | |
|---|---|
| ***EstimateOnly*** | ***Optional*** |
| Yes/No flag | |
| ***IncludeInTaxablePayments*** | ***Optional*** |
| Yes/No Flag | |
| ***CostingWorkId*** | ***Optional*** |
| ***CostTable*** | ***Optional*** |
| ***Job*** | ***Optional*** |
| ***Template*** | ***Optional*** |

## CreateANewPurchaseOrderItem

### Description

This is a PUT web service.

This web service will create a new purchase order item.

### Passed Parameters

***Token***           ***Mandatory***

This is the token that you received when validating your credentials using the GiveMeAToken web service.

***WorkId***           ***Mandatory***

The 3 digit work id number.

***Order***           ***Mandatory***

8 Character order. If you have automatic order number generation turned on then this field is optional and the next available order number will be used

***Order Item***           ***Optional***

If the order item number is provided it must not already exist.  If it is not provided the next available order item number will be used.

***Description***           ***Mandatory***

A description of the goods being ordered.  Up to 70 characters.

***QuantityOrdered***           ***Optional***

This will default to 1 if not provided.

***CostingWorkId***           ***Optional***

This will default to the value of the WorkId Parameter

***Job***           ***Optional***

The 6 character job number, if this order item is costed to a job and cost centre.

***Cost Code***           ***Optional***

The 8 character cost code, if this order item is costed to a job and cost centre.

**Cost Type**  **Optional**
The 2 character cost type, if the order item is costed to a job and cost centre.

**General Ledger Account**  **Optional**
The 10 character general ledger account if the order item is costed to a general ledger account.

**AssetWorkId**  **Optional**
If the order item is costed to an asset this is the work id for that asset.  If an asset is provided but this field is not, it will default to the value of the worked parameter.

**Asset**  **Optional**
The asset number if this order item is costed to an asset.

**Asset Item**  **Optional**
The asset item number if this order is costed to an asset.

**Property**  **Optional**
7 digits

**Cost Table Code**  **Optional**
10 character

**Stock Code**  **Optional**
15 characters

**User Defined Field 1**  **Optional**
10 characters

**User Defined Field 2**  **Optional**
10 characters

**Warehouse**  **Optional**
2 digits

**Requisition Number**  **Optional**
10 characters

**Product Services Code**  **Optional**
16 characters

**Estimate**  **Optional**
Yes/No  (Defaults to No)

**Rate Type**  **Optional**
2 characters

**Description**  **Optional**
Up to 30 characters

**UnitOfMeasure**  **Optional**
5 Characters

**QuantityOrdered**  **Optional**
This will default to 1

### ForeignCurrencyGrossUnitRate                    Optional

The rate of the purchase order in the currency of the order. If this is not a foreign currency order this will be in the base currency of the work id. If you specify this value the value of the order will be updated to reflect the change in this value.  If you specify both the rate and value then the value must equal the quantity ordered multiplied by the rate

### ForeignCurrencyGrossValue                    Optional

The value of the purchase order in the currency of the order. If this is not a foreign currency order this will be the base currency of the order.  If you specify this value then the unit rate will be calculated.

### DiscountPercentage                    Optional

If you specify a discount percentage the discount amount will be calculated.

### ForeignCurrencyDiscountAmount                    Optional

If you specify a discount amount the discount percentage will be calculated.

### PercentageOfBudgetCommitted                    Optional

If you specify a percentage the committed budget will be calculated from the percentage

### BudgetCommitted                    Optional

The committed budget will default to the order value or the available budget.

### SalesTaxPercentage                    Optional

If the sales tax percentage is specified the sales tax will be calculated.

### ForeignCurrencySalesTax                    Optional

If you specify a sales tax value the sales tax percentage will be calculated.

### ExpectedDeliveryDate                    Optional

You can specify an expected delivery date in ISO format (eg 2017-11-12)

### PaymentDate                    Optional

You can specify a payment date in ISO format.

### NeedbyDate                    Optional

You can specify a need by date in ISO format.  (When are the good required).

### ReviewByDate                    Optional

You can specify a review by date in ISO format. (A date when the purchase order needs to be reviewed).

### Resource                    Optional

Resource code

### TaxCode                    Optional

You can specify a GST tax code.  If not specified the creditor's default tax code will be used.

## UpdateAPurchaseOrderItem

### Description
This is a POST web service.

This web service will update a purchase order item.

### Passed Parameters

**Token**                                                    **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                   **Mandatory**
The 3 digit work id number.

**Order**                                                    **Mandatory**
8 Character order. If you have automatic order number generation turned on then this field is optional and the next available order number will be used

**Order Item**                                               **Optional**
If the order item number is provided it must not already exist.  If it is not provided the next available order item number will be used.

**Completed**                                                **Optional**
To complete an individual item specify &Complete=Yes.  No further invoices, delivery dockets or updates will be permitted to the order item once it is completed (unless you uncomplete it by specifying &Complete=No

**Description**                                              **Optional**
A description of the goods being ordered.  Up to 70 characters.

**QuantityOrdered**                                          **Optional**
This will default to 1 if not provided.

**CostingWorkId**                                            **Optional**
This will default to the value of the WorkId Parameter

**Job**                                                      **Optional**
The 6 character job number, if this order item is costed to a job and cost centre.

**Cost Code**                                                **Optional**
The 8 character cost code, if this order item is costed to a job and cost centre.

**Cost Type**                                                **Optional**
The 2 character cost type, if the order item is costed to a job and cost centre.

**General Ledger Account**                                   **Optional**
The 10 character general ledger account if the order item is costed to a general ledger account.

**AssetWorkId**                                              **Optional**
If the order item is costed to an asset this is the work id for that asset.  If an asset is provided but this field is not, it will default to the value of the worked parameter.

**Asset** *Optional*

The asset number if this order item is costed to an asset.

**Asset Item** *Optional*

The asset item number if this order is costed to an asset.

**Property** *Optional*

7 digits

**Cost Table Code** *Optional*

10 character

**Stock Code** *Optional*

15 characters

**User Defined Field 1** *Optional*

10 characters

**User Defined Field 2** *Optional*

10 characters

**Warehouse** *Optional*

2 digits

**Requisition Number** *Optional*

10 characters

**Product Services Code** *Optional*

16 characters

**Estimate** *Optional*

Yes/No  (Defaults to No)

**Rate Type** *Optional*

2 characters

**Description** *Optional*

Up to 30 characters

**UnitOfMeasure** *Optional*

5 Characters

**QuantityOrdered** *Optional*

This will default to 1

**ForeignCurrencyGrossUnitRate** *Optional*

The rate of the purchase order in the currency of the order. If this is not a foreign currency order this will be in the base currency of the work id. If you specify this value the value of the order will be updated to reflect the change in this value.  If you specify both the rate and value then the value must equal the quantity ordered multiplied by the rate

***ForeignCurrencyGrossValue***        ***Optional***

The value of the purchase order in the currency of the order. If this is not a foreign currency order this will be the base currency of the order.  If you specify this value then the unit rate will be calculated.

***DiscountPercentage***        ***Optional***

If you specify a discount percentage the discount amount will be calculated.

***ForeignCurrencyDiscountAmount***        ***Optional***

If you specify a discount amount the discount percentage will be calculated.

***PercentageOfBudgetCommitted***        ***Optional***

If you specify a percentage the committed budget will be calculated from the percentage

***BudgetCommitted***        ***Optional***

The committed budget will default to the order value or the available budget.

***SalesTaxPercentage***        ***Optional***

If the sales tax percentage is specified the sales tax will be calculated.

***ForeignCurrencySalesTax***        ***Optional***

If you specify a sales tax value the sales tax percentage will be calculated.

***ExpectedDeliveryDate***        ***Optional***

You can specify an expected delivery date in ISO format (eg 2017-11-12)

***PaymentDate***        ***Optional***

You can specify a payment date in ISO format.

***NeedbyDate***        ***Optional***

You can specify a need by date in ISO format.  (When are the good required).

***ReviewByDate***        ***Optional***

You can specify a review by date in ISO format. (A date when the purchase order needs to be reviewed).

***Resource***        ***Optional***

Resource code

***TaxCode***        ***Optional***

You can specify a GST tax code.  If not specified the creditor's default tax code will be used.

## JobPurchaseOrderItemListing

### Description

*Documentation for this web service is incomplete.*

### Passed Parameters

#### Token                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### CostingWorkId                                            Mandatory

The 3 digit work id number.

#### Job                                                      Mandatory

### Response fields
#### Work Id

This is the work id that the purchase order was raised in.

#### Order
#### Order Item
#### Description
#### Order Type
#### Completed
#### Cost Code
#### Cost Type
#### Resource Code
#### General Ledger Account
#### Unit Of Measure
#### Quantity Ordered
#### Quantity Delivered
#### Committed Quantity

## DeliveryListing

### Description

*Documentation for this web service is incomplete.*

### Passed Parameters

#### Token                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### WorkId                                                   Mandatory

The 3 digit work id number.

| Order | Mandatory |
|---|---|
| OrderItem | Mandatory |

**Response fields**

*Delivery Docket*
*Date*
*Payment Due Date*
*Received By*
*AR Invoiced*
*Location*
*NPWC Code*
*Primary Work Type*
*Secondary Work Type*
*Delivery Type*
*Stock Code*
*Matched To Invoice*
*Conformance*
*Nonconformance Number*
*Nonconformance Reason Code*
*On Time*
*Pending Completion Status*
*Creditor*
*Product*
*Register Type*
*Rate Type*
*Schedule*
*Completion Status*
*Comments*
*Costing Work Id*
*Job*
*Cost Code*
*Cost Type*
*Lot Batch Number*
*Unit Of Measure*
*Product Rate*
*Foreign Currency Rate*
*Quantity Delivered*
*Quantity Invoiced*
*Pending Invoice Quantity*
*Value Of Goods Delivered*
*Foreign Currency Value Of Goods Delivered*
*Invoiced Amount*
*Foreign Currency Invoiced Amount*
*Pending Invoice Amount*
*Foreign CurrencyPending Invoiced Amount*
*Other Charges1*
*Foreign Currency Other Charges 1*
*Other Charges 2*

*Docket Entry Accounting Period*
*Foreign Currency Other Charges 2*
*Delivery Listing Text*

## CreateANewDelivery

### Description
This web service allows you to create a delivery docket.

### Passed Parameters

| | |
|---|---|
| *Token* | *Mandatory* |

This is the token that you received when validating your credentials using the GiveMeAToken web service.

| | |
|---|---|
| *WorkId* | *Mandatory* |

The 3 digit work id number.

| | |
|---|---|
| *Order* | *Mandatory* |

| | |
|---|---|
| *OrderItem* | *Mandatory* |

| | |
|---|---|
| *DeliveryDocket* | *Mandatory* |

| | |
|---|---|
| *QuantityDelivered* | *Mandatory* |

| | |
|---|---|
| *Date* | *Optional* |

This will default to today's date

| | |
|---|---|
| *PaymentDueDate* | *Optional* |

This will be calculated from the relevant terms if not provided.

| | |
|---|---|
| *ReceivedBy* | *Optional* |

This will default to the current users profile.

| | |
|---|---|
| *Conformance* | *Optional* |

| | |
|---|---|
| *NonconformanceNumber* | *Optional* |

| | |
|---|---|
| *OnTime* | *Optional* |

Yes/No Flag

| | |
|---|---|
| *Comments* | *Optional* |

## Other Purchase Order APIs

ValidatePurchaseOrder
CreditorScopeOfSupplyListing
ScopeOfSupplySubcategoryListing
CreditorSOSAssessmentListing
CreditorProductServiceListing
PurchaseOrderItemTextListing
PurchaseOrderItemAuditListing
OrderItemsPendingApprovalListing
PurchaseOrderApprovalListing
PurchaseOrderApprovalByJobListing
JobPurchaseOrderItemListing
OrderItemsPendingApprovalListing
PurchaseOrderApprovalByJobListing
CurrencyListing
PurchaseOrderDeliveryAddressListing
DeliveryNonConformanceReasonListing
UpdateADelivery
ExternalHireListing
InternalHireListing
ApproveOrderItem
RejectOrderItem
ResetOrderItem
DailyExchangeRateListing
DeliverAllItems
WorkIdsForAPurchaseOrderListing
PurchaseOrderAuditListing
WorkIdsForAPurchaseOrderListing
PurchaseOrderAuditListing

# Job costing web services

## JobListing

### Description

This web service provides a list of jobs and associated information. There are many fields returned by this web service. The list of fields that are returned can be customised based on the application code which simplifies the output and reduces the overhead. Contact your viewpoint consultant with a list of the fields required for your application.

### Passed Parameters

**Token**                                                                 **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                                  **Optional**

The 3 digit work id number. If you don't specify a job the web service will run for all jobs in the database.

**Database**                                                                **Optional**

You don't need to specify this parameter if you specify a work id because the work id provides a link to the database. If you don't specify this parameter and you don't specify a work id the default database for that environment will be used. Most Jobpac users only have one live database and sometimes a test database but some have other databases for joint ventures for example.

**Job**                                                                        **Range**

A specific job or range of jobs can be specified for this web service.

**Status**                                                                  **Optional**

You can limit the list to jobs of a particular status by specifying this parameter.Valid values are A,C or F (Active/Complete/Financially Complete).For example: Specifying &Status=A will limit the list to active jobs only.

**DefectsManager**                                                          **Optional**

This parameter allows you to select jobs for a specific defects manager.

**AlphaSearch**                                                             **Optional**

This parameter can be used to limit the list to jobs with a particular word or phrase in the description.Eg &AlphaSearch=Highway will limit the list to jobs with the workd "Highway" in the description.The search is not case sensitive.

**Response fields**

*Firm*

*Job*

*WorkId*

*Description*

*AddressLine1*

*AddressLine2*

*Suburb*

*State*

*Country*

*JobType*

*ParentJob*

*ContractProgrammeIdentificationCode*

*TargetDurationDays*

*TargetProgrammeIdentificationCode*

*OriginalContractValue*

*CurrentContractValue*

*ApprovedVariationPrice*

*UnapprovedVariationPrice*

*InternalContingency*

*InternalContingencyRemaining*

*ClientContingency*

*ClientContingencyAdjustments*

*LiquidatedDamages*

*EstimatedBudget*

*NumberOfDaysAheadBehindContractCompletion*

*NumberOfDaysWorked*

*BudgetsFinalised*

*OriginalBudgetValue*

*OriginalUnallocatedBudget*

*ApprovedVariationsBudget*

*UnapprovedVariationBudget*

*ApprovedBudgetChanges*

*ScheduleOfRatesBudgetAdjustments*

*CurrentBudgetValue*

*UndistributedBudget*

*AdjustCommittedBudgetOnOrderCompletion*

*CommittedBudget*

*BudgetEntryMethod*

*OriginalMargin*

*VariationMargin*

*ScheduleOfRatesMarginAdjustments*

*CurrentMargin*

*ForecastCostToCompletion*

*ForecastFinalCost*

*GainOrLoss*

*CommittedCost*

*ActualAmount*

*OutstandingAmount*

*PaidAmount*

*IncurredAmount*

*ContractSumClaimed*

*VariationsClaimed*

*MaterialsonSiteClaimed*

*DeductionsClaimed*

*InsuranceClaim*

*RetentionHeld*

*RetentionClaimed*

*MinimumRate*

*OrderOverruns*

*DefaultItemToCostCentre*

*TaskFinalPrint*

*WeekNumber*

*DefectsPeriod*

*GLAccountAtCostCentreLevel*

*CertificatePeriod*

*LiquidatedDamagesUnitOfMeasure*

*BondsBankGuaranteesOrRetentionFlag*

*MaximumRetentionValue*

*CostOverruns*

*ProceedQuoteFlag*

*TaskModuleClaimedAmount*

*Multiplier*

*CompletedJobSummary*

*LastExtensionOfTimeSubmission*

*ScheduleOfRatesAdjustments*

*ProvisionalSums*

*AllowCostUpdates*

*Deductions*

*InterestToDate*

*TaskFinalised*

*RetentionCalculation*

*BillFormat*

*TaxCode*

*TaskContractValueUnallocated*

*ClaimFormat*

*ProgressClaimLevel*

*OncostAmount*

*Fax*

*TaskOverruns*

*BillOvertimeSeparately*

*Debtor*

*OrderAmount*

*PhoneNumber*

*PayrollHoursThisPeriod*

*OvertimeHours*

*MaximumRate*

*NormalCost*

*CostsThisYear*

*ExtensionOfTimeUnapproved*

*PostCode*

*ScheduleOfRatesJob*

*RecoveryAcccount*

*ExtensionOfTimeApproved*

*ProvisionalSumsAdjustments*

*RevenueThisYear*

*MaximumRetentionPercentage*

*CurrentClaimed*

*TaskSavings*

*Valuation*

*CurrentValuation*

*ValuationNumber*

*MaterialsOnSiteValuation*

*LastClaimReference*

*SundryIncome*

*SurchargeRate*

*SurchargeCostCode*

*SurchargeBilledAsOutlay*

*SurchargeGLAccount*

*SurchargeJob*

*SurchargeCostType*

*Revenue*

*ContractType*

*RevenueAccount*

*Status*

*ClaimStructureFinalised*

*ContractDuration*

*DivisionCode*

*ReceivedAmount*

*TaxReceivedAmount*

*OvertimePremium*

*RetentionPercentage*

*RetentionBaseOriginalOrRevised*

*MaterialsOnSiteToBeClaimed*

*ClientPayment*

*UserDefinedField1*

*UserDefinedField2*

*UserDefinedField3*

*UserDefinedField4*

*UserDefinedField5*

*ServiceCode*

*JobPaysOverTime*

*ProjectManagerEmployeeCode*

*AccountingPeriod*

*CostPlusJob*

*GroupCode*

*NominatedSubcontractGLAccount*

*ConstructionManagementJob*
*AllocationType*
*ForecastingFlag*
*PayrollForecastingFlag*
*Property*
*BillOutlaysSeparately*
*CCIPPercentage*
*CCIPFlag*
*SettlementType*
*TrustAccount*
*ExtensionOfTimeWaitingApproval*
*DebtorFirm*
*ClientOrder*
*EarnedBudgetValue*
*UseCostCentreSecurity*
*NominatedSubcontractValueClaimed*
*PCSumsEngineersContingency*
*BonusLDS*
*ProfessionalIndemnityValue*
*ProfessionalIndemnityByClientOrUs*
*ProfessionalIndemnityExpiryDate*
*ProfessionalIndemnityExcessValue*
*CertifiedContractSumClaimed*
*CertifiedVariationsClaimed*
*CertifiedMaterialsOnSiteClaimed*
*CertifiedRetentionHeld*
*CertifiedRetentionClaimed*
*CertifiedNominatedSCCClaimed*
*CertifiedPCSumsEngineersContingency*
*CertifiedBonusLDS*
*UnallocatedBudgetForVariations*
*ForecastFinalMargin*
*DefectsManager*
*EPSKronosGLAccount*
*LongAddress*
*AcceptanceDate*
*BudgetFinalisedDate*
*ClaimedToDate*
*CouncilComplianceDate*
*ApprovedPracticalCompletionDate*
*DefectsExpiryDate*
*ForecastCompletionDate*
*LastBudgetUpdateDate*
*LastCostUpdateDate*
*LastExtensionOfTimeUpdate*
*LastForecastUpdateDate*
*LastMovementDate*
*LastPaymentDate*
*LastRolloverDate*

*ManualDrawingsFinalisedDate*

*Date*

*PracticalContractCompletionDate*

*StartDate*

*TenderDate*

*TargettedCompletionDate*

*TargettedExpectedCompletionDate*

*TargettedStartDate*

*ValuationDate*

*WorkDoneToDate*

*NumberOfDaysAheadBehindTargetCompletionDate*

*ProjectManagersWorksheetContingenciesPosted*

*ProjectManagersWorkksheetPendingsPosted*

*ProjectManagersWorksheetPendings*

*ProjectManagersWorksheetContingencies*

*ProjectManagersWorksheetDefaultFormula*

*SubjectToRiseAndFall*

*InternalRiseAndFall*

*InternalRiseAndFallRemaining*

*RiseAndFall*

*RiseAndFallClaimed*

*LastDirectorsForecastProfit*

*RiseAndFallOnBalanceOfWorkDistributedToSubcontracts*

*DirectorsForecastProfit*

*RiseAndFallOnSubcontractsWorkDoneToDate*

*RiseAndFallOnBalanceOfWorkForNominatedSubcontracts*

*RiseAndFallOnBalanceOfWorkDistributed*

*RiseAndFallAccountingPeriod*

*RiseAndFallDistributed*

*RiseAndFallOnNominatedSubcontracts*

*RiseAndFallOnBalanceOfWork*

*RiseAndFallAdjustments*

*OriginalRiseAndFallClaimed*

*SiteManager*

*SiteAddressLine1*

*SiteAddressLine2*

*SiteSuburb*

*SitePostCode*

*SiteState*

*SiteCountry*

*SitePhoneNumber*

*SiteFax*

*ClientsName*

*ClientsContact*

*ClientsAddressLine1*

*ClientsAddressLine2*

*ClientsSuburb*

*ClientsPostCode*

*ClientsState*

*ClientsCountry*

*ClientsPhoneNumber*

*ClientsFax*

*ClientIsContractSupervisor*

*BuildersName*

*BuildersContact*

*BuildersAddressLine1*

*BuildersAddressLine2*

*BuildersSuburb*

*BuildersPostCode*

*BuildersState*

*BuildersCountry*

*BuildersPhoneNumber*

*BuildersFax*

*ArchitectsName*

*ArchitectsContact*

*ArchitectsAddressLine1*

*ArchitectsAddressLine2*

*ArchitectsSuburb*

*ArchitectsPostCode*

*ArchitectsState*

*ArchitectsCountry*

*ArchitectsPhoneNumber*

*ArchitectsFax*

*ArchitectIsContractSupervisor*

*EngineersName*

*EngineersContact*

*EngineersAddressLine1*

*EngineersAddressLine2*

*EngineersSuburb*

*EngineersPostCode*

*EngineersState*

*EngineersCountry*

*EngineersPhoneNumber*

*EngineersFax*

*AccountsContact*

*DesignManager*

*Estimator*

*ProjectManager*

*VisualAttribute*

*DummyField*

*TeamLocalId*

*TeamGlobalId*

*NotMappedToTeam*

*WorkIdTeamGlobalId*

## WorkIdsForAJobListing

### Description

This web service provides a list of work ids that a specific job in. Usually there will only be one work id but it is possible to create the same job in more than one work id so there could potentially be more than one entry returned.  If an empty list is returned then the job does not exist.

### Passed Parameters

### Token                                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

### Job                                                                      Mandatory

A 6 character job number.

### Database                                                                 Optional

If you don't specify a database the default database for the environment will be used.  This is usually the live database for most users as most users have a live and test database. So if you want the default live database then you don't need to pass this parameter.

### Response fields
### Work Id

## CostCentreListing

### Description

This web service provides a list of cost centres for a job.

### Sample Request

*https://jwis.cloud.jobpac.com.au:9001/CostCentreListing?Token=IMYX09LVKXCVYEL7TRV3TI TV&workid=622&status=A&Job=AM001&ExludeHeaderRecord=Y&ExcludeDetailRecord=N&alp hasearch=Demo&Status=A&OutputFormat=HTML*

### Passed Parameters

### Token                                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

### WorkId                                                                   Mandatory
The 3 digit work id number.

### Job                                                                      Mandatory
The 6 character job number

### CostCode                                                                 Range
You can run this web service for a range of cost codes or a specific cost code if you wish.

### CostType                                                                 Range
You can run this web service for a range of cost types or a specific cost types if you wish.

***Status***                                     ***Optional***

You can limit the list to cost centres with a particular status. Eg &Status=A will limit the list to active cost centres only.

***ElementCode***                                  ***Optional***

You can select cost centres with a specific element code if you wish.

***StandardItemCode***                             ***Optional***

You can select cost centres with a specific standard item code if you wish.

***Claim Code***                                     ***Optional***

You can select cost centres with a specific claim code if you wish.

***Claim Entry Code***                               ***Optional***

You can select cost centres with a specific claim entry code if you wish.

***General Ledger Account***                        ***Optional***

You can select cost centres related to a specific GL Account

***Cost Plus***                                      ***Optional***

You can limit the list to cost plus cost centres.  This parameter should be Y or N if specified.

***User Defined Field 1***                             ***Optional***

You can limit the list to cost centres with a particular value in user defined field 1.

***User Defined Field 2***                             ***Optional***

You can limit the list to cost centres with a particular value in user defined field 2.

***Allow Cost Updates***                            ***Optional***

You can limit the list to cost centres where cost updates are allowed.

***Claim Structure Finalised***                      ***Optional***

You can limit the list to cost centres with the claim structure finalised.

***Exclude Header Record***                        ***Optional***

If you speficy &ExcludeHeaderRecord=Y then header cost centres (those without a cost type) will be omitted from the list.

***Exclude Detail Record***                        ***Optional***

If you speficy &ExcludeDetailRecord=Y then detail cost centres (those with a cost type) will be omitted from the list.

***AlphaSearch***                                ***Optional***

You can search for cost centres with a particular word or phrase in the description using this parameter.  &AlphaSearch=Groundwork will limit the list to cost centres with the word "Groundwork" in the description.  This field is not case sensitive.

**Sample Partial HTML Response**

| Cost Code | Cost Type | Description | Status | Trade Code | Element Code | Item Number |
|-----------|-----------|-------------|--------|------------|--------------|-------------|
| 001 | | Demo | A | | | |

| 001 | LW | Demob | A | | | |
|---|---|---|---|---|---|---|
| 001 | MP | Demob | A | | | |

**Sample JSON Response**

{"data":[{"CostCode": "001","CostType": "LW","Description": "Demob","Status": "A","TradeCode": "","ElementCode": "","ItemNumber": "","StandardItemCode": "","ClaimCode": "","ClaimEntryCode": "","GeneralLedgerAccount": "","CostPlus": "","CostPlusPercentage": "","UserDefinedField1": "","UserDefinedField2": "","AllowCostUpdates": "","ClaimStructureFinalised": "","OriginalBudgetQuantity": "","UnitOfMeasure": "","OriginalBudgetValue": "5,500.00","CurrentBudgetQuantity": "","OutstandingQuantity": "1.0000","IncurredQuantity": "","ActualQuantity": "1.0000","CommittedQuantity": "2.0000","CurrentBudgetValue": "5,500.00","OutstandingAmount": "2.00","IncurredAmount": "","ActualAmount": ".90","CommittedCost": "2.90","ApprovedVariationBudget": "","ApprovedBudgetChanges": "","BudgetCommitted": "2.90","TotalClaimAmount": "","CurrentClaimAmount": "","ForecastCostToCompletion": "10,997.10","ForecastFinalCost": "11,000.00","NormalCost": "","OvertimePremium": "","Oncosts": "","CostOverruns": "","PaidAmount": ".90","RetentionHeld": "","Gain": "","Loss": "5,500.00","Revenue": "","CurrentPercentageClaimed": "","PercentageOfTotalClaimValue": "","Escalation": "","Rate": "","UnapprovedVariationPrice": "","OrderAmount": "2.00","ReportingLevel": "","OvertimeHours": ".00","OrderOverruns": "","ProjectManagersWorksheetPendings": "5,500.00","ProjectManagersWorksheetContingencies": "","LastProjectManagersWorksheetUpdateDate": "","ProjectManagersWorksheetFormula": "E","TaskSavings": "","TaskOverruns": "","CurrentValuation": "","RiseAndFallOnBalanceOfWork": "","ScheduleOfRatesBudgetAdjustments": "","BudgetEntryMethod": "I","SuppressGLUpdates": "","RevenueBudgetChanges": "","CurrentRevenueBudget": "","MultiplierPercentage": "","JobType": "","TradeCode2": "","Section": "","OriginalScopeQuantity": "","CurrentScopeQuantity": "","ScopeUnitOfMeasure": "","ScopeQuantityDescription": "","EarnedScopeQuantityValued": "","EarnedBudgetNettValuation": "","EarnedBudgetForecastQuantityToCompletion": "","EarnedBudgetForecastRateToCompletion": "","EarnedBudgetForecastCostToCompletion": "","LastForecastUpdateDate": "18/09/15","LastBudgetUpdateDate": "18/09/15","LastPaymentDate": "30/07/15","LastCostUpdateDate": "18/09/15","AvailableBudget": "5,497.10","VisualAttribute": "Normal"}]}

**Response fields**
*Cost Code*
*Cost Type*
*Description*
*Status*
*Trade Code*
*Element Code*
*Item Number*
*Standard Item Code*
*Claim Code*
*Claim Entry Code*
*General Ledger Account*

*Cost Plus*
*Cost Plus Percentage*
*User Defined Field 1*
*User Defined Field 2*
*Allow Cost Updates*
*Claim Structure Finalised*
*Original Budget Quantity*
*Unit Of Measure*
*Original Budget Value*
*Current Budget Quantity*
*Outstanding Quantity*
*Incurred Quantity*
*Actual Quantity*
*Committed Quantity*
*Current Budget Value*
*Outstanding Amount*
*Incurred Amount*
*Actual Amount*
*Committed Cost*
*Approved Variation Budget*
*Approved Budget Changes*
*Budget Committed*
*Total Claim Amount*
*Current Claim Amount*
*Forecast Cost To Completion*
*Forecast Final Cost*
*Normal Cost*
*Overtime Premium*
*Oncosts*
*Cost Overruns*
*Paid Amount*
*Retention Held*
*Gain*
*Loss*
*Revenue*
*Current Percentage Claimed*
*Percentage Of Total Claim Value*
*Escalation*
*Rate*
*Unapproved Variation Price*
*Order Amount*
*Reporting Level*
*Overtime Hours*
*Order Overruns*
*Project Managers Worksheet Pendings*
*Project Managers Worksheet Contingencies*
*Last Project Managers Worksheet Update Date*
*Project Managers Worksheet Formula*
*Task Savings*

*Task Overruns*
*Current Valuation*
*Rise And Fall On Balance Of Work*
*Schedule Of Rates Budget Adjustments*
*Budget Entry Method*
*Suppress GL Updates*
*Revenue Budget Changes*
*Current Revenue Budget*
*Multiplier Percentage*
*Job Type*
*Trade Code 2*
*Section*
*Original Scope Quantity*
*Current Scope Quantity*
*Scope Unit Of Measure*
*Scope Quantity Description*
*Earned Scope Quantity Valued*
*Earned Budget Nett Valuation*
*Earned Budget Forecast Quantity To Completion*
*Earned Budget Forecast Rate To Completion*
*Earned Budget Forecast Cost To Completion*
*Last Forecast Update Date*
*Last Budget Update Date*
*Last Payment Date*
*Last Cost Update Date*
*Exclude Header Record*
*Exclude Detail Record*
*Available Budget*
*Visual Attribute*

## JobGroupListing

### Description

This web service provides a list of Job Groups

### Passed Parameters

*Token*                                                        *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                       *Mandatory*

The 3 digit work id number.

| *Group* | *Range* |
|---|---|
| *ProfitCentre* | *Optional* |
| *AlphaSearch* | *Optional* |

**Response fields**
*Group*
*Overhead Recovery General Ledger Account*
*Description*
*Profit Centre*
*Sundry Revenue General Ledger Account*
*Revenue Acccount Description*
*MOS Revenue General Ledger Account*
*Contract Works Revenue General Ledger Account*
*VARN Revenue General Ledger Account*
*Rise And Fall Revenue General Ledger Account*
*Nominated Subcontract Revenue General Ledger Account*
*PCSum Engr Cont Revenue General Ledger Account*
*Bonus LDS Revenue General Ledger Account*
*Revenue General Ledger Account 9*
*Revenue General Ledger Account 10*

## WorksheetPendingListing

**Description**
This web service allows you to retrieve a list of project manager's worksheet details for a cost centre.

**Passed Parameters**

| *Token* | *Mandatory* |
|---|---|

This is the token that you received when validating your credentials using the GiveMeAToken web service.

| *WorkId* | *Mandatory* |
|---|---|

The 3 digit work id number.

| *Job* | *Mandatory* |
|---|---|

The 6 character job number

| *CostCode* | *Mandatory* |
|---|---|

The 8 character cost code

| *CostType* | *Mandatory* |
|---|---|

The 2 character cost type.

| *PendingOrContingencyFlag* | *Mandatory* |
|---|---|

This parameter should be either P or C depending on whether you want a list of pendings or contingencies

*AccountingPeriod*                                      *Mandatory*

The accounting period that you want the details for in JAN18 format

## Response fields

*Sequence Number*
*Description*
*Quantity*
*Unit Of Measure*
*Rate*
*Value*
*Extended Description 2*
*Item Number*
*Section*
*Activity*
*Resource Description*
*Production Rate*
*Revenue*
*Auto Adjust Quantity At End Of Month*
*Rollover This Line At End Of Month*
*Forecast Updated Flag*
*Type*
*Forecast Value*
*Posted Pending Value*
*Proposed Rate Calculation Method*

## CreateANewJob

### Description

This web service allows you to create a new job.  This is a PUT service.

### Passed Parameters

*Token*                                      *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                      *Mandatory*

The 3 digit work id number.

*Job*                                      *Mandatory*

*Description*                                      *Mandatory*

*AddressLine1*                                                       *Mandatory*

*AddressLine2*                                          *Mandatory*

*Suburb*                                                    *Mandatory*

*State*                                                     *Mandatory*

*Country*                                                *Mandatory*

## CreateANewJobExtention

### Description

This web service allows you to create a new job extention record.  This is a PUT service.

### Passed Parameters

*Token*                                           *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                          *Mandatory*

The 3 digit work id number.

*Job*                                                    *Mandatory*

*Account Email Address*                                *Optional*

*Client Email Address*                                 *Optional*

*Defect Manager*                                     *Optional*

*Defect Manager Address*                              *Optional*

*Original Tender Sum*                                 *Optional*

*Tender Margin And Contingencies*                  *Optional*

*Market Opportunity*                                  *Optional*

*Market Risk*                                         *Optional*

*Original Tender Margin*                              *Optional*

| | |
|---|---|
| *Preliminary Cost* | *Optional* |
| *Quote Number* | *Optional* |
| *Unique Cost Code Mapping Used* | *Optional* |
| *Map Single Unique Cost Code to Schedule Items* | *Optional* |
| *Map Group of Unique Cost Codes to Schedule Items* | *Optional* |
| *Schedule Items Cost Code Mapping Mandatory or Optional* | *Optional* |
| *Map Single Unique Cost Code To Preliminary Items* | *Optional* |
| *Map Group Of Unique Cost Codes To Preliminary Items* | *Optional* |
| *Preliminary Items Cost Code Mapping Mandatory or Optional* | *Optional* |
| *Map Single Unique Cost Code to Variation Items* | *Optional* |
| *Map Group Of Unique Cost Codes to Variation Items* | *Optional* |
| *Variation Items Cost Code Mapping Mandatory or Optional* | *Optional* |

**Response fields**

## CreateANewWorksheetPending

**Description**

*Documentation for this web service is incomplete.*

**Passed Parameters**

| | |
|---|---|
| *Token* | *Mandatory* |

This is the token that you received when validating your credentials using the GiveMeAToken web service.

| | |
|---|---|
| *WorkId* | *Mandatory* |

The 3 digit work id number.

| | |
|---|---|
| *Job* | *Mandatory* |

You must provide a valid 6 character job number.

| | |
|---|---|
| *CostCode* | *Mandatory* |

You must provide a valid 8 character cost code.

| | |
|---|---|
| *CostType* | *Mandatory* |

You must provide a valid 2 character cost type.

| | |
|---|---|
| *Description* | *Mandatory* |

You must provide a description of up to 30 characters.

**PendingOrContingencyFlag**                                          *Optional*

This flag should be set to P for Pending or C for contingency.  It will default to P.

**Quantity**                                                          *Optional*

You can provide a quantity with up to 4 positions after the decimal point.

**UnitOfMeasure**                                                     *Optional*

A 5 character unit of measure that will default to EACH if not provided.

**Rate**                                                              *Optional*

A rate with up to 4 positions after the decimal point can be provided.

**Value**                                                             *Optional*

A dollar value with up to 2 positions after the decimal point can be provided.  This will default to the quantity times the rate if not provided.  If quantity, rate and value are provided the must be consistent with each other.

**ExtendedDescription2**                                              *Optional*

90 Characters of extended description can be provided.

**AutoAdjustQuantityAtEndOfMonth**                                    *Optional*

Set this flag to Yes if you want to decrement the quantity each month.

**Rollover This Line At End Of Month**                                *Optional*

Set this flag to Yes if you want this line to persist after month end and remain active in the next period.

## CreateANewProjectProductRate

### Description

This web service creates a new project product rate or returns any relevant validation error messages to the web service consumer.

### Passed Parameters

**Token**                                                             *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                            *Mandatory*

The 3 digit work id number.

**Job**                                                               *Mandatory*

The 6 character job number.

**Creditor**                                                          *Mandatory*

A valid 8 character creditor/supplier code

**Product**                                                           *Mandatory*

A valid 16 character product code

**RateType**                                                          *Mandatory*

A valid 2 character rate type

***UnitOfMeasure***                                     ***Mandatory***

A 5 character unit of measure

***Rate***                                              ***Mandatory***

A valid rate with up to 4 digits after the decimal point.

## UpdateAProjectProductRate

### Description

This web service is used to update an existing project product rate or returns any relevant validation error messages to the web service consumer.

### Passed Parameters

***Token***                                     ***Mandatory***

This is the token that you received when validating your credentials using the GiveMeAToken web service.

***WorkId***                                     ***Mandatory***

The 3 digit work id number.  This is one of the key fields used to uniquely identify the product rate code that you are going to update.

***Job***                                             ***Mandatory***

The 6 character job number.  This is one of the key fields used to uniquely identify the product rate code that you are going to update.

***Creditor***                                   ***Mandatory***

A valid 8 character creditor/supplier code. This is one of the key fields used to uniquely identify the product rate code that you are going to update.

***Product***                                    ***Mandatory***

A valid 16 character product code. This is one of the key fields used to uniquely identify the product rate code that you are going to update.

***RateType***                                  ***Mandatory***

A valid 2 character rate type. This is one of the key fields used to uniquely identify the product rate code that you are going to update.

***UnitOfMeasure***                             ***Optional***

The new unit of measure.  If provided the product rate code will be updated with this unit of measure

***Rate***                                           ***Optional***

A new valid rate with up to 4 digits after the decimal point.  If provided the product rate code will be updated with the new rate.

## Other Job Based APIs

- CostTypeListing
- JobTypeListing
- JobItemDissectionHistoryListing
- CostCentreDetailListing
- JobResourceCodeListing
- ResourceContraintListing
- ResourceCodeListing
- CostCodeSecurityListing
- JobsWithUnapprovedOrdersListing
- ProjectProductRatesListing

# Variation web services

TRANSFORMING THE WAY THE WORLD WORKS

## CreateANewVariation

### Description
This web service creates a new variation.

### Passed Parameters

**Token**                                              **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                             **Mandatory**
The 3 digit work id number.

**Job**                                                **Mandatory**
The 6 character job number

**Variation**                                          **Mandatory**
The variation number is made up of 6 digits, the rightmost 2 digits are the group and they are mandatory for this web service, the last 4 digits can be left as zero.If the last 4 digits are zero then the web service will assign the next available variation number within the specified group to the new variation. Group 01 is for internal variations and groups 02 to 99 are for external variations.

**Description**                                        **Mandatory**
A description of up to 30 characters is required.

**Status**                                             **Optional**
For internal variations this will always be set to I, for external variations this will default to N.Valid values are N,W,A,P,R & D.

**Client Reference**                                   **Optional**
This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Site Reference**                                     **Optional**
This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Client Reference Date**                              **Optional**
This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Reason**                                             **Optional**
If a value is provided it must be a valid variation reason code.

**Package**                                            **Optional**
If a value is provided it must be a valid package code.

**Releated Head Contract Variation**                    *Optional*

This only applies to internal variations and optionally allows you to link an internal variation to an external variation.

**Proceed Quote Flag**                    *Optional*

This field only applies to external variations and must be either P or Q.

**Indicative Price**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Date Submitted**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Submitted Price**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Approval Date**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Approved Price**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Type**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Budget Expected Cost**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Clients VPO**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Expected Reimbursement**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Site Reference Date**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

**Extension In Hours**                    *Optional*

Extension of time in hours.

**Approved In Principle Date**                    *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

### *Approved In Principle Amount*                                        *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

### *Forecast Price*                                                      *Optional*

This field is only valid for head contract variations. Providing a value for this for an internal variation will result in an error message being returned.

## CreateANewVariationItem

### Description

This web service creates a new variation item.

### Passed Parameters

### *Token*                                                              *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

### *WorkId*                                                             *Mandatory*

The 3 digit work id number.

### *Job*                                                                *Mandatory*

The 6 character job number

### *Variation*                                                          *Mandatory*

The variation number is made up of 6 digits, the rightmost 2 digits are the group and they are mandatory for this web service, the last 4 digits can be left as zero.If the last 4 digits are zero then the web service will assign the next available variation number within the specified group to the new variation. Group 01 is for internal variations and groups 02 to 99 are for external variations.

### *ShortDescription*                                                   *Mandatory*

A description of up to 30 characters is required.

### *CostCode*                                                           *Optional*

You must provide either a subcontract allocation or a cost centre. This field is optional as long as you have provided a subcontract agreement and subcontract item.

### *CostType*                                                           *Optional*

You must provide either a subcontract allocation or a cost centre. This field is optional as long as you have provided a subcontract agreement and subcontract item.

### *Order*                                                             *Optional*

This is the subcontract agreement number. You must provide either a subcontract allocation or a cost centre. This field is optional as long as you have provided a subcontract agreement and subcontract item.

### *OrderItem*                                                         *Optional*

This is the subcontract agreementitem number. You must provide either a subcontract allocation or a cost centre. This field is optional as long as you have provided a subcontract agreement and subcontract item.

**VariationItemStatus** *Optional*

This will default to N for Notified. It can be N for Notified, R for Received or A for approved.

**Quantity** *Optional*

**UnitOfMeasure** *Optional*

**ForeignCurrencyRate** *Optional*

**ForeignCurrencyAllowanceValue** *Optional*

**EstimatedQuantity** *Optional*

**ForeignCurrencyEstimatedRate** *Optional*

**ForeignCurrencyEstimatedPrice** *Optional*

**ForeignCurrencyCommittedBudget** *Optional*

**DateNotified** *Optional*

If you do not provide a value for this field it will default to the current date.

**Site Reference** *Optional*

**Package** *Optional*

If you provide a value for this parameter it must be a valid variation package code.

**Short Description** *Optional*

This will default to the cost centre description.

**Current Headcontract Valuation Amount** *Optional*

**Subject To Rise And Fall** *Optional*

**Formal Assessment Done** *Optional*

**Proceed Unapproved Subcontract** *Optional*

**Subcontract Work Description** *Optional*

This will default to the subcontract item description

**Subcontract Reference** *Optional*

**Subcontract Adjustment Advice Number** *Optional*

**DateReceived** *Optional*

You cannot specify a value for this parameter if the status is N (Notified).

**Subcontract Quantity Price Received** *Optional*

You cannot specify a value for this parameter if the status is N (Notified).

**Foreign Currency Subcontract Price Received Rate** *Optional*

You cannot specify a value for this parameter if the status is N (Notified).

**Foreign Currency Subcontract Price Received** *Optional*

You cannot specify a value for this parameter if the status is N (Notified).

*Date Approved*                                                    *Optional*

You cannot specifiy a value for this parameter unless the status is A (approved). If the status is A and this value is not provided it will default to the current date.

*Approved Subcontract Quantity*                                    *Optional*

You cannot specifiy a value for this parameter unless the status is A (approved)

*Foreign Currency Latest Subcontract Price Approved*        *Optional*

You cannot specifiy a value for this parameter unless the status is A (approved)

*Latest Subcontract Price Approved Rate*                           *Optional*

You cannot specifiy a value for this parameter unless the status is A (approved)

*Foreign Currency Subcontract Price Approved*               *Optional*

You cannot specifiy a value for this parameter unless the status is A (approved)

## Other Variation APIs

- VariationItemsForAnOrderListing
- VariationListing
- VariationGroupListing
- VariationItemListing

# Subcontract Web Services

## SubcontractListing

### Description
This web service provides a list of subcontract agreements

### Passed Parameters

**Token**                                                    **Mandatory**
Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                    **Optional**
The 3 digit work id number.  If this is not provided the API will provide a list across all work ids in the database.

**Database**                                                 **Optional**
If you provide a work id you should not provide this parameter as the database is determined from the work id.  If you don't provide a work id and you don't provide the database, the default database will be used.  For most Jobpac users all the live data is in one database and all the test data is in another but some customers may also have separated database(s) for joint ventures.

**Order**                                                    **Range**
Optional

These can be used to filter the list to a specific agreement (eg &Order=ABCDEFG) or a range of agreements (&StartOrder=A00000&FinishOrder=B999999)

**JobStatus**
Optional

This can be used to only include subcontracts where the job is a particular status.For example, specifying &JobStatus=A will only include subcontracts for Active jobs.

**ContractStatus**
Optional

This can be used to include subcontracts where the subcontract has a particular status.

**AlphaSearch**
Optional

This can be used to look for subcontracts with a particular word or phrase in the description

**Response fields**

*Work Id*

*Order*

*Description*

*Job Status*

*Costing Work Id*

*Job*

*Creditor*

*Recipient Supplied Invoice*

*Recipient Supplied Date*

*Acceptance Date*

*Start Date*

*Completion Date*

*Agreement Sent Date*

*Agreement Received Date*

*Expected Completion Date*

*Last Transaction Date*

*Period End Date*

*Stage 2 Start Date*

*Stage 2 Finish Date*

*Stage 3 Start Date*

*Stage 3 Finish Date*

*Complete*

*Schedule Of Rates Or Lump Sum*

*Contract Type*

*Subject To Rise And Fall*

*Last Subcontract Adjustment Advice Number*

*Contract Status*

*Valuation Method*

*Package Code*

*Hours*

*Finalised*

*Product*

*Printed Flag*

*Text Version Number*

*Paid Direct Flag*

*Nominated Subcontract*

*Agreement Printed*

*Agreement Text Verison Number*

*Exchange Rate*

*Pay Period After Claims*

*Pay Period After Defects*

*Pay Period After Handover*

*User Defined Field 1*

*User Defined Field 2*

*User Defined Field 3*

*User Defined Field 4*

*User Defined Field 5*

*CVA Sent Date*

*CVA Received Date*
*Value Printed On CVA*
*Send CVA Next SPAY*
*Product Or Services Code*
*Contact*
*Extension Of Time Approved*
*Extension Of Time Unapproved*
*Defects Period*
*Defects Expiry Date*
*Contractors All Risk Insurance Company*
*Contractors All Risk Policy Number*
*Bank Guarantee Amount*
*Date Security Lodged*
*Half Release Date*
*Full Release Date*
*Accepted Contract Sum*
*Contingency Sums*
*Provisional Sums*
*Net Contract Sum*
*Contract Sum To Be Allocated*
*Approved Variations Budget*
*Unapproved Variation Budget*
*Valuation Of Original Work*
*Valuation Of Approved Variations*
*Valuation Of Unapproved Variations*
*Valuation Of Rise And Fall*
*Materials On Site Valuation*
*Valuation Posted*
*Valuation Posted Date*
*Rise And Fall Claimed*
*Rise And Fall On Balance Of Work*
*Period For Claims*
*Progress Claim Day*
*Current Authorised Original Work*
*Current Approved Variations*
*Current Unapproved Variations*
*Current Materials On Site*
*Current Rise And Fall*
*Current Retention*
*Claim Number*
*Posted Authorised Original Works*
*Posted Unapproved Variations*
*Posted Approved Variations*
*Posted Materials On Site*
*Posted Rise And Fall*
*Posted Retention*
*Invoiced To Date*
*Paid To Date*
*Last Retention Release Number*

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*Maximum Retention*
*Current Retention Percentage*
*Maximum Retention Percentage*
*Retention Release Number*
*Retention Based On*
*Retention Cash Bank*
*Retention To Be Paid*
*Advance Payment Percentage*
*Advance Payment*
*Advance Payment Invoice*
*Advance Payment Deducted*
*Use Payment Schedule*

## SubcontractItemListing

### Description

This web service returns a list of subcontract items for a range of subcontracts within a workid

### Passed Parameters

#### Token           *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### WorkId           *Mandatory*

The 3 digit work id number.

#### Order           *Range*

A range of subcontract agreements.  Eg &StartOrder=10000000&FinishOrder=19999999 or &Order=12345678

### Response fields

*Item Number*
*Item Type*
*Description*
*Costing Firm*
*Job*
*Cost Code*
*Cost Type*
*Resource Code*
*Asset*
*General Ledger Account*
*Property*
*Original Budget Quantity*
*Unit Of Measure*
*Rate*
*Foreign Currency Rate*
*Original Contract Value*
*Foreign Currency Original Contract Value*
*Current Quantity*

*Current Rate*

*Foreign Currency Current Rate*

*Current ItemAmount*

*Foreign Currency Current Item Amount*

*Retention Held*

*Foreign Currency Retention Held*

*Retention Posted*

*Foreign Currency Retention Posted*

*Retention To Be Paid Flag*

*Change In Retention Held*

*Foreign Currency Change In Retention Held*

*Approved Variations Budget*

*Foreign Currency Approved Variations Budget*

*Unapproved Variation Budget*

*Foreign Currency Unapproved Variations Budget*

*Committed Cost*

*Committed Quantity*

*Change In Committed Quantity*

*Change In Committed Cost*

*Committed Budget*

*Foreign Currency Committed Budget*

*Change In Committed Budget*

*Current Incurred Quantity*

*Change In Incurred quantity*

*Incurred Amount*

*Change In Incurred Cost*

*Previous Incurred Quantity*

*Previous Authorised Amount*

*Foreign Currency Posted Authorised Amount*

*Current Valuation Quantity*

*Valuation To Be Posted*

*Foreign Currency Valuation To Be Posted*

*Materials On Site Valuation*

*Foreign Currency Materials On Site Valuation*

*Rise And Fall Valuation*

*Foreign Currency Rise And Fall Valuation*

*Unapproved Variation Valuation*

*Foreign Currency Unapproved Variation Valuation*

*Approved Variation Valuation*

*Foreign Currency Approved Variation Valuation*

*Original Works Valuation Amount*

*Foreign Currency Original Works Valuation Amount*

*Previous Valuation Quantity*

*Valuation Posted*

*Foreign Currency Valuation Posted*

*Unapproved Variation Valuation Posted*

*Foreign Currency Unapproved Variation Valuation Posted*

*Approved Variation Valuation Posted*

*Foreign Currency Approved Variation Valuation Posted*

*Original Works Valuation Posted*

*Foreign Currency Original Work Valuation Posted*

*Materials On Site Valuation Posted*

*Foreign Currency Materials On Site Valuation Posted*

*Rise Fall Valuation Posted*

*Foreign Currency Rise And Fall Valuation Posted*

*Current Authorised Quantity*

*Authorised This Claim*

*Foreign Currency Authorised This Claim*

*Materials On Site Authorised*

*Foreign Currency Materials On Site Authorised*

*Rise And Fall Authorised*

*Foreign Currency Rise And Fall Authorised*

*Unapproved Variation Authorised*

*Foreign Currency Unapproved Variation Authorised*

*Approved Variation Authorised*

*Foreign Currency Approved Variation Authorised*

*Original Works Authorised*

*Foreign Currency Original Work Authorised*

*Previous Authorised Quantity*

*Materials On Site Authorised Posted*

*Foreign Currency Materials On Site Authorised Posted*

*Rise And Fall Authorised Posted*

*Foreign Currency Rise And Fall Authorised Posted*

*Unapproved Variation Authorised Posted*

*Foreign Currency Unapproved Variation Authorised Posted*

*Approved Variation Authorised Posted*

*Foreign Currency Approved Variation Authorised Posted*

*Original Works Authorised Posted*

*Foreign Currency Original Works Authorised Posted*

*Paid Amount*

*Foreign Currency Paid Amount*

*Man Hours*

*Item Value Unalocated*

*Foreign Currency Item Value Unalocated*

*Current Rise And Fall On Work Done To Date*

*Foreign Currency Current Rise And Fall On Work Done To Date*

*Rise And Fall On Balance Of Work*

*Foreign Currency Current Rise And Fall On Balance Of Work*

*Rise And Fall On Balance Of Work Posted*

*Foreign Currency Rise And Fall On Balance Of Work Posted*

*Rise And Fall On Work Done To Date Posted*

*Foreign Currency Rise And Fall On Work Done To Date Posted*

*Scope Of Supply Category*

*Scope Of Supply Subcategory*

*Material Code*

*Need By Date*

*Review By Date*

*Section*

*Schedule Item*
*Tax Code*
*Last Updated Timestamp*
*Last Updated User*
*Last RebuildTimeStamp*
*Is This Item Part Of The Original Works*
*Amount Without Variations*
*Creditor*
*Textura Reference*
*Last Variation Used*

## SubcontractClaimHeaderListing

### Description

This web services allows you to get a list of all the claims against a subcontract.

### Passed Parameters

**Token**                                          **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                          **Mandatory**

The 3 digit work id number.

**Order**                                          **Mandatory**

The 8 character order (subcontract agreement) number.

**ClaimType**                                          **Optional**

This parameter can be either P for progress claims or R for retention claims or blank for both. (If you omit the parameter both types of claims will be included)

### Response fields
*Claim Type*
*Claim Number*
*Accounting Period*
*Original Contract Sum*
*Foreign Currency Original Contract Sum*
*Approved Variations*
*Foreign Currency Approved Variations*
*Unapproved Variations*
*Foreign Currency Unapproved Variations*
*Rise And Fall*
*Foreign Currency Rise And Fall*
*Materials On Site*
*Foreign Currency Materials On Site*
*Total Claim Value*
*Foreign Currency Total Claim Value*
*Valuation*
*Foreign Currency Valuation*

*Retentions*
*Foreign Currency Retentions*
*Paid Amount*
*Foreign Currency Paid Amount*
*Advance Payment*
*Foreign Currency Advance Payment*
*Tax*
*Foreign Currency Tax*
*Subcontractor Invoice Amount*
*Foreign Currency Subcontractor Invoice Amount*
*Transaction Date*
*Claimed Up To Date*
*Reference*
*Accounts Payable Transaction*
*Batch*

## SubcontractClaimDetailListing

### Description
This web services allows you to get a list of all the details of a subcontract progress claim or retention claim.

### Passed Parameters

**Token**                                                    **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                   **Mandatory**
The 3 digit work id number.

**Order**                                                    **Mandatory**
The 8 character order (subcontract agreement) number.

**ClaimType**                                                **Mandatory**
This parameter can be either P for progress claims or R for retention claims.

**ClaimNumber**                                              **Mandatory**
The claim number that you want details for.

### Response fields
*Order Item*
*Job*
*Cost Code*
*Cost  Type*
*Resource*
*Accounting Period*
*Authorised Quantity*
*Unit Of Measure*
*Rate*
*Authorised This Claim*

TRANSFORMING THE WAY THE WORLD WORKS

*Foreign Currency Authorised This Claim*
*Retentions*
*Foreign Currency Retentions Held*
*Valuation This Claim*
*Foreign Currency Valuation This Claim*
*Claimed Up To Date*
*Creditor*
*Accounts Payable Transaction*
*Invoice Or Credit Flag*
*Dissection*
*Paid Amount*
*Foreign Currency Paid Amount*
*Advance Payment*
*Tax Code*
*Tax Percentage*
*Tax*
*Foreign Currency Tax Amount*
*General Ledger Account*
*Batch Line Number*
*Transaction Date*

## SubcontractsForACreditorListing

### Description
This web service provides a list of all subcontracts for a creditor (subcontractor)

### Passed Parameters

*Token*                                                     *Mandatory*
This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                    *Mandatory*
The 3 digit work id number.

*Creditor*                                                  *Mandatory*
The 8 character creditor code for the subcontractor that you require.

### Response fields
*Work Id*
*Order*
*Description*
*Costing Work Id*
*Job*
*Recipient Supplied Invoice*
*Recipient Supplied Date*
*Acceptance Date*
*Start Date*
*Completion Date*
*Agreement Sent Date*

*Agreement Received Date*

*Expected Completion Date*

*Last Transaction Date*

*Period End Date*

*Stage 2 Start Date*

*Stage 2 Finish Date*

*Stage 3 Start Date*

*Stage 3 Finish Date*

*Complete*

*Schedule Of Rates Or Lump Sum*

*Contract Type*

*Subject To Rise And Fall*

*Last Subcontract Adjustment Advice Number*

*Contract Status*

*Valuation Method*

*Package Code*

*Hours*

*Finalised*

*Product*

*Printed*

*Text Version Number*

*Paid Direct*

*Nominated Subcontract*

*Agreement Printed*

*Agreement Text Version Number*

*Pay Period After Claims*

*Pay Period After Defects*

*Pay Period After Handover*

*User Defined Field 1*

*User Defined Field 2*

*User Defined Field 3*

*User Defined Field 4*

*User Defined Field 5*

*CVA Sent Date*

*CVA Received Date*

*Value Printed On CVA*

*Send CVA Next SPAY*

*Product Or Services Code*

*Contact*

*Extension Of Time Approved*

*Extension Of Time Unapproved*

*Defects Period*

*Defects Expiry Date*

*Contractors All Risk Insurance Company*

*Contractors All Risk Policy Number*

*Bank Guarantee Amount*

*Date Security Lodged*

*Half Release Date*

*Full Release Date*

*Accepted Contract Sum*

*Contingency Sums*

*Provisional Sums*

*Net Contract Sum*

*Contract Sum To Be Allocated*

*Approved Variations Budget*

*Unapproved Variation Budget*

*Valuation Of Original Work*

*Valuation Of Approved Variations*

*Valuation Of Unapproved Variations*

*Valuation Of Rise And Fall*

*Materials On Site Valuation*

*Valuation Posted*

*Valuation Posted Date*

*Rise And Fall Claimed*

*Rise And Fall On Balance Of Work*

*Period For Claims*

*Progress Claim Day*

*Current Authorised Original Work*

*Current Approved Variations*

*Current Unapproved Variations*

*Current Materials On Site*

*Current Rise And Fall*

*Current Retention*

*Claim Number*

*Posted Authorised Original Works*

*Posted Unapproved Variations*

*Posted Approved Variations*

*Posted Materials On Site*

*Posted Rise And Fall*

*Posted Retention*

*Invoiced To Date*

*Paid To Date*

*Last Retention Release Number*

*Maximum Retention*

*Current Retention Percentage*

*Maximum Retention Percentage*

*Retention Release Number*

*Retention Based On*

*Retention Cash Bank*

*Retention To Be Paid*

*Advance Payment Percentage*

*Advance Payment*

*Advance Payment Invoice*

*Advance Payment Deducted*

## SubcontractsForAJobListing

## Description

This web service provides a list of subcontracts for a job.

## Passed Parameters

### Token                                              *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

### WorkId                                             *Mandatory*

The 3 digit work id number.

### Job                                                *Mandatory*

The 6 character job number

## Response fields

*Order*
*CreditorWorkId*
*Creditor*
*Recipient Supplied Invoice*
*Recipient Supplied Date*
*Acceptance Date*
*Start Date*
*Completion Date*
*Agreement Sent Date*
*Agreement Received Date*
*Expected Completion Date*
*Last Transaction Date*
*Period End Date*
*Stage 2 Start Date*
*Stage 2 Finish Date*
*Stage 3 Start Date*
*Stage 3 Finish Date*
*Completion Flag*
*Schedule Of Rates Or Lump Sum*
*Contract Type*
*Subject To Rise And Fall*
*Last Subcontract Adjustment Advice Number*
*Contract Status*
*Valuation Method*
*Package Code*
*Hours*
*Finalised*
*Text Version Number*
*Product*
*Printed*
*Paid Direct Flag*
*Subject To PPS*
*Update Utility Used*
*Nominated Subcontract Flag*

*Agreement Printed*

*Agreement Text Version Number*

*Exchange Rate*

*Description*

*Pay Period After Claims*

*Pay Period After Defects*

*Pay Period After Handover*

*User Defined Field 1*

*User Defined Field 2*

*User Defined Field 3*

*User Defined Field 4*

*User Defined Field 5*

*CVA Sent Date*

*CVA Received Date*

*Value Printed On CVA*

*Send CVA Next SPAY*

*Product Services Code*

*Contact*

*Extension Of Time Approved*

*Extension Of Time Unapproved*

*Defects Period*

*Defects Expiry Date*

*Contractors All Risk Insurance Company*

*Contractors All Risk Policy Number*

*Contractors All Risk Expiry Date*

*Contractors All Risk Value*

*Contractors All Risk Excess Value*

*Public Liability Insurance Company*

*Public Liability Certificate*

*Public Liability Insurance Value*

*Public Liability Expiry Date*

*Bank Guarantee Amount*

*Date Security Lodged*

*Half Release Date*

*Full Release Date*

*Accepted Contract Sum*

*Contingency Sums*

*Provisional Sums*

*Net ContractSum*

*Contract Sum To Be Allocated*

*Approved Variations Budget*

*Unapproved Variation Budget*

*Valuation Of Original Work*

*Valuation of Approved Variations*

*Valuation of Unapproved Variations*

*Valuation Of Rise And Fall*

*Materials On Site Valuation*

*Valuation Posting Flag*

*Valuation Posting Date*

*Rise And Fall Claimed*
*Rise And Fall On Balance Of Work*
*Period For Claims*
*Progress Claim Day*
*Current Authorised Original Work*
*Current Approved Variations*
*Current Unapproved Variations*
*Current Materials On Site*
*Current Rise And Fall*
*Current Retention*
*Last Claim Number*
*Posted Authorised Original Works*
*Posted Unapproved Variations*
*Posted Approved Variations*
*Posted Materials On Site*
*Posted Rise And Fall*
*Posted Retention*
*Invoiced To Date*
*Paid To Date*
*Last Retention Release Number*
*Maximum Retention Value*
*Current Retention Percentage*
*Maximum Retention Percentage*
*Retention Release Number*
*Retention Based On*
*Retention Cash Bank*
*Retention To Be Paid Flag*
*Advance Payment Percentage*
*Advance Payment*
*Advance Payment Invoice*
*Advance Payment Deducted*
*Text Version*

## SubcontractorsInvoiceListing

### Description

*This web service can be used to check for the existence of a subcontractors invoice and retrieve the details. If you receive an empty list then the invoice does not exist.*

### Passed Parameters

*Token*                                                          *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                         *Mandatory*

The 3 digit work id number.

*Creditor*                                                       *Mandatory*

The 8 character creditor code

***AccountsPayableInvoice***                                   ***Mandatory***

The 10 characters accounts payable invoice number.

**Response fields**

*Job*
*Order*
*Record Type*
*Dissection Number*
*Invoice Date*
*Received Date*
*Invoice Amount*
*Foreign Currency Invoice Amount*
*Subcontractors Invoice*
*Claim Number*
*Description*
*Tax Code*
*Tax*
*Foreign Currency Tax Amount*
*GST claimable*
*Barcode*
*Register Type*

## Other Subcontract APIs

- SubcontractClaimImportHeaderListing
- PostASubcontractClaim
- UpdateSubcontractItemClaimValues
- CreateANewSubcontractClaimImportHeader
- CreateANewSubcontractClaimImportDetail
- CreateANewSubcontractItem
- SubcontractGuaranteeListing
- SubcontractClaimImportHeaderListing
- ServiceSystemWorkOrderListing

# Accounts Payable Web Services

## CreditorListing

**Description**

This web service provides a list of creditors (including subcontractors) either within a work id or across the database.

**Request:**

*https://jwis.cloud.jobpac.com.au:9001/CreditorListing?Token=GIMYX09LVKXCVYEL7TRV3TITV&Workid=10&StartCreditor=A&FinishCreditor=A999999&Status=A&ActiveSubcontractsExist=Y&Subcontractor=Y&AlphaSearch=PLUMBING*

**Passed Parameters**

**Token**                                                    **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**Database**                                                **Optional**

If you have provided the work id you do not need to provide this field as the work id will identify the database. If you have not provided the work id and you have not provided the database the default database for the environment will be used. If you want to run the listing for a different database provide the 10 character database library.

**WorkId**                                                  **Optional**

The 3 digit work id number.

**Creditor**                                                **Range**

The 8 character creditor id. This can be provided as a single creditor (eg &Creditor=ABCDEFGH) or as a range (&StartCreditor=A0000001&FinishCreditor=B9999999)

**Status**                                                  **Optional**

To only include active creditors specify &Status=A

**ActiveSubcontractsExist**                                 **Optional**

This Yes/No field can be used to filter the list to only include creditors with at least one active subcontract.

**Subcontractor**                                           **Optional**

This Yes/No Field can be used to filter the creditor listing to just subcontractors.

**AlphaSearch**                                             **Optional**

This field can be used to find a creditor with a particular word or phrase in the name. eg (&AlphaSearch=Plumbing) will filter the list to creditors with the word Plumbing in the name.

**ACN**                                                     **Optional**

You can use this to select creditors with a specific ACN or ABN (Usually there will only be one for any particular ACN/ABN.

**BSB** **Optional**

Find creditors that have a particular BSB

**BankAccount** **Optional**

Find creditors by their bank account number

**Subcontractor** **Optional**

This boolean flag can be used to select creditors that are subcontractors.

**LastUpdateTimestamp** **Range**

Find creditors that were updated in a particular timestamp range. You can use just the StartLastUpdateTimestamp if you want to include only creditors updated after a particular point in time.

## Example Partial HTML Response
(Use &Outputformat=HTML)

| Creditor Work Id | Creditor | Status | Active Subcontracts Exist | Parent Creditor | Name |
|---|---|---|---|---|---|
| 623 | AB019 | A | Yes | | ABRUZZI CERAMICS |

## Example JSON Response
{"data":[

    {"CreditorWorkId": "623",

       "CreditorFirm": "23",

       "Creditor": "AB019",

       "Status": "A",

       "ActiveSubcontractsExist": "Yes",

       "ParentCreditor": "",

       "Name": "ABRUZZI CERAMICS",

       "AddressLine1": "4 ELIZABETH STREET",

       "AddressLine2": "",

       "Country": "AUSTRALIA",

       "PostCode": "2164",

       "PaymentDueDate": "31/05/17",

       "ACN": "99-999-999-999",

       "Currency": "AUD",

       "PostalAddressCity": "",

"PostalAddressState": "",

"PostalAddressStateShort": "",

"PostalAddressSuburb": "WETHERILL PARK",

"AlternateName": "",

"AlternateNameExtention": "",

"AlternateAddressLine1": "",

"AlternateAddressLine2": "",

"AlternateAddressSuburb": "",

"AlternateAddressCity": "",

"AlternateAddressPostCode": "",

"AlternateAddressStateShort": "",

"AlternateAddressState": "",

"AlternateAddressCountry": "",

"AlternatePhoneNumber": "",

"AlternateFax": "",

"Contact": "",

"Branch": "",

"SalesContact": "TERRY HILL",

"EmailAddress": "",

"PhoneNumber": "02-95665664",

"Fax": "02-94565667",

"Activity": "TILING",

"InternalOrExternal": "",

"Type": "",

"BankAccount": "",

"GeneralLedgerControlAccountOverride": "",

"Subcontractor": "Yes",

"BSB": "",

"GSTCode": "A1",

        "CountryCode": "AU",

        "BankCountry": "AU",

        "StrippedSpacesName": "ABRUZZICERAMICS",

        "StrippedSpacesAddress": "4ELIZABETHSTREET",

        "StateAndPostCode": "2164",

        "AU": "AU",

        "AU2": "AU",

        "CanonIrisCompanyCode": "23",

        "PostCode2": "2164",

        "CanonIRISBranch": ""

    }

      ]

}

**Response fields**

*Creditor Work Id*
*Creditor Firm*
*Creditor*
*Status*
*Active Subcontracts Exist*
*Parent Creditor*
*Name*
*Address Line 1*
*Address Line 2*
*Country*
*Post Code*
*Suburb*
*Payment Due Date*
*ACN*
*Currency*
*Postal Address City*
*Postal Address State*
*Postal Address State Short*
*Alternate Name*
*Alternate Name Extended Description*
*Alternate Address Line 1*
*Alternate Address Line 2*
*Alternate Address Suburb*
*Alternate Address City*
*Alternate Address Post Code*
*Alternate Address State Short*
*Alternate Address State*
*Alternate Address Country*
*Alternate Phone Number*
*Alternate Fax*
*Contact*
*Branch*
*Sales Contact*
*Email Address*
*Phone Number*
*Fax*
*Activity*
*Internal Or External*
*Type*
*Bank Account*
*General Ledger Control Account Override*
*Subcontractor*
*BSB*
*GST Code*
*Country Code*
*Bank Country*
*Terms*
*Default Invoice Status*

*Payment Method*
*Last Update Timestamp*

## CreditorByACNListing

### Description
*This web service provides a list of creditors for a ACN/ABN.*

### Passed Parameters

**Token**                                                                              **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**AustralianCompanyNumber**                                        **Mandatory**
A 15 character ABN/ACN.  You can provide this as an 11 or 9 digit number or as a formatted string with embedded blanks at the appropriate positions. Eg (12 345 678 901 or 12345678901 are both valid).

**Database**                                                                              **Optional**
If you have provided the work id you do not need to provide this field as the work id will identify the database. If you have not provided the work id and you have not provided the database the default database for the environment will be used. If you want to run the listing for a different database provide the 10 character database library.

**WorkId**                                                                                  **Optional**
If you only want creditors from a specific work id you can specify this parameter. If you don't specify the work id then all work ids in the database will be searched.

**Status**                                                                                   **Optional**
You can filter the list to creditors with a specific status. If you only want active creditors, for example, specify &Status=A, if you only want inactive creditors specify &Status=I if you want both do not include this parameter or include it with a blank value.

**ActiveSubcontractsExist**                                            **Optional**
If you specify Yes to this parameter then only creditors with at least one active subcontract will be included.

**AlphaSearch**                                                                        **Optional**
You can search limit the list to creditors with a specific word or phrase in the creditor name.  Eg &Alphasearch=Plumbing will only include creditors with the word "Plumbing" in the name.  This parameter is not case sensitive.

## CreditorAuditListing

### Description
*This web service provides a listing of updates to creditor master records.*

**Passed Parameters**

*Token*                                                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                                   *Mandatory*

The 3 digit work id number.

*Creditor*                                                                 *Range*

The 8 character creditor id. This can be provided as a single creditor (eg &Creditor=ABCDEFGH) or as a range (&StartCreditor=A0000001&FinishCreditor=B9999999)

*LastUpdatedTimeStamp*                                                     *Range*

Specify a range of dates/times that the listing include.  The timestamp should be in the format 2018-03-18-23.59.59.000000.  If you don't specify a range the entire history of changes will be included.

*MostRecentOnly*                                                          *Optional*

*This is a Yes/No Flag.  If you specify "Yes" then only the most recent amendment for any given creditor within the date/time range you have specified will be included.*

*Action*                                                                   *Optional*

This is used to filter the list to updates of a particular type. (Update/Add/Delete)

To see only new records specify &Action=ADD, for deletions specify &Action=DELETE for updates specify &Action=CHANGE.

**Response fields**
*Creditor*
*Last Updated Timestamp*
*Last Updated User Id*
*Action*
*Name*
*Parent Creditor*
*Address Line 1*
*Address Line 2*
*Suburb*
*Post Code*
*Country*
*Alternate Name*
*Alternate Name Extended Description*
*Alternate Adress Line 1*
*Alternate Adress Line 2*
*Alternate Suburb*
*Alternate Post Code*
*City Postal Address*
*City Alternate Address*
*State Postal Address*
*State Alternate Address*
*Address Flag*

*State*
*Alternate Address State*
*Branch*
*Contact*
*Alternate Country*
*Sales Contact*
*Email Address*
*Phone Number*
*Fax*
*Alternate Phone Number*
*Alternate Fax Number*
*Activity*
*Status*
*Australian Company Number*
*Internal External Creditor*
*Creditor Type*
*Currency*
*Control Account Override*
*Use BMR*
*Use SC Compliance*
*SC Compliance Letter*
*Tax Code*
*Terms*
*User Defined Field 1*
*User Defined Field 2*
*Invoice Status*
*Creditor Is A Subcontractor*
*Discount Percentage*
*Purchase Order Rate Discount*
*Organisation Type*
*Internal Account Code*
*Area*
*Consultant*
*Stop Payments*
*Settlement Discount Is Applicable*
*Settlement Discount*
*Cheque ProcessingFlag*
*Deduction Rate No Exempt*
*Deduction Rate Exempt*
*Mode Of Processing*
*Oblig Trans Date*
*Order Invoiced Flag*
*Approved Supplier Flag*
*Purcase Order Required*
*Recipient Created Tax Invoices*
*Recipient Created Tax Invoice Email Address*
*Notes*
*Note Number 1*
*Note Number 2*

*Credit Limit*

*Foreign Currency Credit Limit*

*Payment Method*

*Bank Service Branch*

*Bank Account*

*Bank Name*

*Bank Deposit Account Name*

*Bank Branch Address*

*Fax Remmitance Adivce*

*EFT Lodgement Reference*

*Forward Balance*

*Foreign Currency Forward Balance*

*Current Balance*

*Foreign Currency Current Balance*

*Thirty Day Balance*

*Foreign Currency 30 Day Balance*

*Sixty Day Balance*

*Foreign Currency 60 Day Balance*

*Ninety Day Balance*

*Foreign Currency 90 Day Balance*

*Month To Date*

*Foreign Currency Month To Date*

*Year To Date*

*Foreign Currency Year to Date Balance*

*Retention Balance*

*Foreign Currency Retention Balance*

*Retention From Accounts Payable Module*

*Foreign Currency Retention From Accounts Payable Module*

*Retention From Subcontract Module*

*Foreign Currency Retention From SC Module*

*Total Payments Subject To PPS*

*Foreign Currency PPS Payments*

*PPS Tax Deducted*

*Foreign Currency PPS Tax*

*Subject To PPS*

*PPS Reporting Exemption*

*PPS Reporting Exemption Approval Code*

*PPS FileNumber*

*PPS Declaration Received*

*Deduction Variation Exemption*

*Exemption Certificate Number*

*Exemption Certificate Sighted*

*Exemption Certificate Start Date*

*Exemption Certificate Finish Date*

*Long Service Leave Insurance Required*

*Long Service Leave Insurance Certificate*

*Long Service Leave Insurance Expiry Date*

*Long Service Leave Insurance Name*

*Long Service Leave Insurance Value*

*Long Service Leave Insurance Foreign Currency Value*

*Long Service Leave Insurance Excess*

*Long Service Leave Insurance Foreign Currency Excess*

*Long Service Leave Insurance Sighted*

*Long Service Leave Insurance Sighted Date*

*Long Service Leave Insurance Sighted By*

*Long Service Leave Insurance Sighted At Project*

*Builders Union Super Insurance Scheme Required*

*Builders Union Super Insurance Scheme Certificate*

*Builders Union Super Insurance Scheme Expiry Date*

*Builders Union Super Insurance Name*

*Builders Union Super Insurance Value*

*Builders Union Super Insurance Foreign Currency Value*

*Builders Union Super Insurance Excess*

*Builders Union Super Insurance Foreign Currency Excess*

*Builders Union Super Insurance Sighted*

*Builders Union Super Insurance Sighted Date*

*Builders Union Super Insurance Sighted By*

*Builders Union Super Insurance Sighted At Project*

*Builders License*

*Super Insurance Company*

*Workers Compensation Insurance Certificate*

*Workers Compensation Insurance Expiry Date*

*Workers Compensation Insurance Required*

*Workers Compensation Insurance Value*

*Workers Compensation Insurance Foreign Currency Value*

*Workers Compensation Insurance Company*

*Workers Compensation Insurance Excess*

*Workers Compensation Insurance Foreign Currency Excess*

*Workers Compensation Insurance Sighted*

*Workers Compensation Insurance Sighted Date*

*Workers Compensation Sighted By*

*Workers Compensation Sighted At Project*

*Public Liability Insurance Certificate*

*Public Liability Insurance Expiry Date*

*Public Liability Insurance Required*

*Public Liability Insurance Company*

*Public Liability Insurance Value*

*Public Liability Insurance Foreign Currency Value*

*Public Liability Insurance Excess Value*

*Public Liability Insurance Foreign Currency Excess*

*Public Liability Insurance Sighted*

*Public Liability Insurance Sighted Date*

*Public Liability Insurance Sighted By*

*Public Liability Insurance Sighted At Project*

*CMD Insurance Required*

*CMD Insurance Name*

*CMD Insurance Number*

*CMD Insurance Expiry Date*

*CMD Insurance Value*

*CMD Insurance Foreign Currency Value*

*CMD Insurance Excess*

*CMD Insurance Foreign Currency Excess*

*CMD Insurance Sighted*

*CMD Insurance Sighted Date*

*CMD Insurance Sighted By*

*CMD Insurance Sighted At Project*

*Professional Indemnity Insurance Required*

*Professional Indemnity Insurance Name*

*Professional Indemnity Insurance Number*

*Professional Indemnity Insurance Expiry Date*

*Professional Indemnity Insurance Value*

*Professional Indemnity Insurance Foreign Currency Value*

*Professional Indemnity Insurance Excess*

*Professional Indemnity Insurance Foreign Currency Excess*

*Professional Indemnity Insurance Sighted*

*Professional Indemnity Insurance Sighted Date*

*Professional Indemnity Insurance Sighted By*

*Professional Indemnity Insurance Sighted At Project*

*Redundancy Scheme Insurance Required*

*Redundancy Scheme Insurance Name*

*Redundancy Scheme Insurance Number*

*Redundancy Scheme Insurance Expiry Date*

*Redundancy Scheme Insurance Value*

*Redundancy Scheme Insurance Foreign Currency Value*

*Redundancy Scheme Insurance Excess*

*Redundancy Scheme Insurance Foreign Currency Excess*

*Redundancy Scheme Insurance Sighted*

*Redundancy Scheme Insurance Sighted Date*

*Redundancy Scheme Insurance Sighted By*

*Redundancy Scheme Insurance sighted At Project*

*Asbestos Liability Insurance Required*

*Asbestos Liability Insurance Name*

*Asbestos Liability Insurance Number*

*Asbestos Liability Insurance Expiry Date*

*Asbestos Liability Insurance Value*

*Asbestos Liability Insurance Foreign Currency Value*

*Asbestos Liability Insurance Excess*

*Asbestos Liability Insurance Foreign Currency Excess*

*Asbestos Liability Insurance Sighted*

*Asbestos Liability Insurance Sighted Date*

*Asbestos Liability Insurance Sighted By*

*Asbestos Liability Insurance Sighted At Project*

*Other Insurance Company*

*Other Insurance Expiry Date*

*Other Insurance Policy Number*

*Other Insurance Value*

*Other Insurance Foreign Currency Value*

*Other Insurance Foreign Currency Excess*
*Other Insurance Required*
*Other Insurance 2 Required*
*Other Insurance 2 Company*
*Other Insurance 2 Expiry Date*
*Other Insurance 2 Policy Number*
*Other Insurance 2 Value*
*Other Insurance 2 Foreign Currency Value*
*Other Insurance 2 Foreign Currency Excess*
*Entry Date*
*Last Transaction Date*
*Last Used Date*
*Last Payment Date*

## AccountsPayableTransactionListing

### Description

This web service provides a list of AP invoices and credits for a creditor.

### Passed Parameters

**Token**                                                        **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                        **Mandatory**

The 3 digit work id number.

**Creditor**                                                        **Mandatory**

The 8 character creditor code.

**Transaction**                                                        **Optional**

You can ask for a specific invoice or credit note by including this optional parameter.

**LastUpdateTimeStamp**                                                        **Range**

You can ask to only include invoices/credits updated in a range of dates and times. Provide this parameter in ISO format (eg &StartLastUpdateTimestamp=2018-06-27-16.00.00.000000 will give you everything updated after 4PM on 27/6/2018)

**EntryTimeStamp**                                                        **Range**

You can ask to only include invoices/credits entered in a range of dates and times. Provide this parameter in ISO format (eg &StartEntryTimestamp=2018-06-27-16.00.00.000000 will give you everything created after 4PM on 27/6/2018)

**Response fields**

*Transaction*
*Dissection*
*Order Item*
*Invoice Or Credit Flag*
*RFC Number*
*Description*
*Parent Creditor*
*Creditor Firm*
*Invoice Header Flag*
*Invoice Status*
*Marked For Prompt Payment*
*Exchange Rate*
*Subject To PPS*
*Tax Code*
*Payment Method*
*GST Claimable*
*Tax Percentage*
*AR Invoiced*
*Associated Invoice*
*Transaction Type*
*Principal Non Principal*
*Client Notified*
*SC Statutory Declaration Received*
*Barcode*
*Accounting Period*
*Batch*
*Register Type*
*Order Firm*
*Order Type*
*Order*
*General Ledger Account*
*Costing Firm*
*Job*
*Cost Code*
*Cost Type*
*Resource*
*Asset Firm*
*Property*
*Invoice Date*
*Payment Due Date*
*Claim Date*
*Registered Date*
*Invoice Created Date*
*Quantity*
*Unit Of Measure*
*Foreign Currency Invoice Amount*
*Discount Amount*
*Invoice Amount*

*Foreign Currency Discount Amount*
*Paid Amount*
*Foreign Currency Paid Amount*
*Amount To Be Paid*
*Foreign Currency Amount To Be Paid*
*Amount Remaining*
*Foreign Currency Amount Remaining*
*Retention Held*
*Foreign Currency Retention Held*
*Retention Released*
*Foreign Currency Retention Released*
*Foreign Currency Tax Amount*
*PPS Tax Deducted*
*Tax Amount*
*Foreign Currency PPS Tax Deducted*
*PPS To Be Deducted*
*Foreign Currency PPS To Be Deducted*
*Settlement Discount To Be Baid*
*Foreign Currency Settlement Discount To Be Paid*
*Settlement Discount Earned*
*Foreign Currency Discount Earned*
*Funding Status*
*Certificate Date Of Funding*
*Funding Period*
*Transaction Age*
*Batch Line Number*
*Trade Creditors Account Firm*
*Stock Code*
*Warehouse*
*Warehouse Location*
*Last Update Time Stamp*
*Entry Time Stamp*

## AccountsPayablePaymentsListing

### Description

This web service provides a list of payment details for an AP invoice.

### Passed Parameters

*Token*                                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken
web service.

*WorkId*                                                   *Mandatory*

The 3 digit work id number.

*Creditor*                                                 *Mandatory*

The 8 character creditor code.

**Transaction**                                                    **Mandatory**

You can ask for a specific invoice or credit note by including this optional parameter.

**Dissection**                                                     **Optional**

**InvoiceOrCreditFlag**                                            **Optional**

If there is an invoice and credit with the same transaction number you can specify I or C for this parameter to retrieve the payments related to one or the other.  If you don't specify this you will get

**GeneralLedgerAccount**                                           **Optional**

You can specify the general ledger bank account if you wish.

**ChequeNumber**                                                   **Optional**

**LastUpdateTimeStamp**                                            **Range**

You can filter to only items details have been updated in a particular range of dates and times. This field should be expressed in the format 2017-11-28.23.59.59.000000

You can ask for all order items updated after a particular date/time by specifying &StartLastUpdateTimeStamp=2018-06-27-16.00.00.000000

**Response fields**

*Dissection*
*Invoice Or Credit Flag*
*Bank Work Id*
*General Ledger Account*
*Cheque Number*
*Cancellation Flag*
*Payment Method*
*Transaction Date*
*Accounting Period*
*Amount*
*Foreign Currency Amount*
*Base Currency Payment Amount*
*Settlement Discount Amount*
*Foreign Currency Settlement Discount Amount*
*Subject To PPS*
*Tax Rate*
*Goods And Services Tax Amount*
*Foreign Currency Tax Amount*
*Taxation Office Creditor*
*Taxation Office Transaction*
*Taxation Office Invoice Credit Flag*
*Taxation Office Invoice Dissection*
*RFC Number*
*Exchange Rate Gain Or Loss*
*Batch*
*Batch Line Number*
*Parent Creditor*
*Post To GL*
*Last Updated Time Stamp*
*Last Updated User*

## GSTCodeListing

**Description**

*Documentation for this web service is incomplete.*

**Passed Parameters**

**Token**                                                    **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                   **Mandatory**

The 3 digit work id number.

**AlphaSearch**                                              **Optional**

**Response fields**
*Exempt*

*PercentageRate*
*InputControlAccount*
*OutputControlAccount*
*AcceptableVariance*
*RoundCentsUp*
*TypeOfSupply*

## PendingInvoiceListing

### Description

*This web service provides a listing of pending invoices.*

### Passed Parameters

**Token**                                                    **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                   **Mandatory**

The 3 digit work id number.

**Creditor**                                                 **Mandatory**

**Transaction**                                              **Optional**

If you want to return details for a single invoice then provide this parameter otherwise all transactions for the creditor will be returned.

**LastUpdateTimeStamp**                                      **Range**

You can filter to only items details have been updated in a particular range of dates and times. This field should be expressed in the format 2018-06-27-16.00.00.000000

You can ask for all order items updated after a particular date/time by specifying &StartLastUpdateTimeStamp=2018-06-27-16.00.00.000000

### Response fields

*Transaction*
*Dissection*
*Invoice Or Credit Flag*
*RFC Number*
*Invoice Status*
*Invoice Date*
*Payment Due Date*
*Order Item*
*Order*
*Description*
*Job*
*Cost Code*
*Cost Type*
*Resource Code*
*Invoice Amount*
*Foreign Currency Invoice Amount*

*Discount Amount*

*Foreign Currency Discount Amount*

*Paid Amount*

*Foreign Currency Paid Amount*

*Amount To Be Paid*

*Foreign Currency Amount To Be Paid*

*Amount Remaining*

*Foreign Currency Amount Remaining*

*Tax Code*

*Tax Percentage*

*Tax*

*Foreign Currency Tax Amount*

*Subject To PPS*

*PPS Tax Deducted*

*Foreign Currency PPS Tax Amount*

*Invoice Header*

*Accounting Period*

*Retention Held*

*Foreign Currency Retention*

*Retention Released*

*Foreign Currency Retention Remaining*

*Marked For Prompt Payment*

*Exchange Rate*

*Associated Invoice*

*Quantity*

*General Ledger Account*

*Batch*

*Accounts Receivable Invoiced*

*Settlement Discount To Be Paid*

*Foreign Currency Settlement Discount To Be Paid*

*Settlement Discount Earned*

*Foreign Currency Discount Earned*

*PPS To Be Deducted*

*Foreign Currency PPS To Be Deducted*

*Payment Method*

*GST Claimable*

*Parent Creditor*

*Posted To The General Ledger*

*Unit Of Measure*

*Adjust*

*Adjustments*

*Claim Date*

*History Periods Saved*

*Job Or Locaction*

*User Profile*

*Date*

*Creation Time*

*Costing Firm*

*Authorising Job Location*

*Authorising Job Or Location Flag*
*Reference Address*
*Authorised Value*
*Foreign Currency Authorised Value*
*Authorisation Status*
*Barcode*
*Electronic Or Paper*
*Internal Credit Flag*
*Internal Credit Reference*
*Accrual Flag*
*Last Status Change By*
*Selected Flag*
*Authorising Firm*
*Registered Date*
*Asset Work Id*
*Secure Payment*
*AUTO Invoice Credit*
*AUTO Invoice Credit Program*
*AUTO Invoice Credit User*
*AUTO Invoice Credit Created*
*Register Type*
*Included In The Taxable Payment Reporting*
*LastUpdateUser*
*LastUpdateTimestamp*

## CreditorInsuranceDetailListing

### Description
*Documentation for this web service is incomplete.*

### Passed Parameters

**Token**                                                    **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                   **Mandatory**

The 3 digit work id number.

**Creditor**                                                 **Mandatory**

**InsuranceType**                                            **Optional**

### Response fields
*Insurance Type*
*Insurance Company Or Scheme*
*Registration Or Policy*
*Expiry Date*
*Value*
*Excess*
*Sighted*

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*Sighted Date*
*Mandatory*
*Sighted By*
*Sighted at Job*

## CreateANewPendingInvoiceUpload

### Description

This web service creates a pending invoice in the e-invoicing database in Jobpac and if it passes validation it will become a pending invoice.

### Passed Parameters

**Token**                                                                                 **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                                                **Mandatory**

The 3 digit work id number.

**Creditor**                                                                              **Optional**

This is the 8 character creditor code. If you have a purchase order then you don't need to provide this as the order will allow the system to look up the creditor code. You can also provide an ABN instead of the creditor code and the system will find the first creditor with that ABN number. Usually there would be one creditor for a particular ABN but it is possible to have more than one.

**Transaction**                                                                           **Mandatory**

This is the 10 character invoice or credit number. If more than 10 characters are provided only the right most 10 are used.

**Dissection**                                                                            **Optional**


**TransactionType**                                                                       **Optional**

This 1 character field can be either I for Invoice or C for credit. If not provided it will default based on the sign of the value. Positive values will be treated as invoices and negative values as credits.

**Description**                                                                           **Optional**

30 character description.
If the description is not provided it will default to "Invoice "+Invoice number.

**ABN**                                                                                   **Optional**

If you don't have an order number or a creditor code you can use this field to look up the creditor code. If you provide an order number or creditor code this field will be ignored. If there is more than one creditor with the same ABN the first creditor that is found will be used. Normally there would only be one but you could have different branches of the same company set up with different creditor codes for example.

**Invoice Amount**                                                                        **Optional**

If the invoice amount is negative the transaction will be assumed to be a credit.

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### Invoice Date                                                    *Optional*

If this field is not provided it will default to the current date. This field should be provided in ISO format YYYY-MM-DD

### Invoice Status                                                  *Optional*

This 1 character status field will default to R for released, other valid options are H for held.

### CostingWorkId                                                   *Optional*

The costing work id will default to the work id.  If the job or GL account is in another work id you can provide a costing work id.  Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### General Ledger Account                                          *Optional*

The 10 character general ledger account.

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Job                                                             *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Cost Code                                                       *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Cost Type                                                       *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Asset Work Id                                                   *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Asset                                                           *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Asset Item                                                      *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Resource Code                                                   *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting.

### Discount Amount                                                 *Optional*

You can provide a discount amount if required.

### Amount To Be Paid                                               *Optional*

This will default to the invoice amount.

### Tax Code                                                        *Optional*

This will default to the creditors tax code.

*Tax Percentage*                                    *Optional*

This will be determined by the tax code if not provided.

*Tax*                                               *Optional*

This will be calculated from the tax percentage.

*Order*                                             *Optional*

The 8 character purchase order number.

*Order Item*                                        *Optional*

Normally costing information would not be provided for a pending invoice as it is either taken from the purchase order or keyed at the time of posting. So this field would not normally be provided.

*Marked For Prompt Payment*                         *Optional*

This field will default to N.  If you pass Y the invoice will be marked for prompt payment.

*Quantity*                                          *Optional*

*Settlement Discount To Be Paid*                    *Optional*

*Settlement Discount Earned*                        *Optional*

*Payment Method*                                    *Optional*

This will default to the creditor's payment method.  Pass E for EFT or C for Cheque.

*GST Claimable*                                     *Optional*

*Unit Of Measure*                                   *Optional*

*Claim Date*                                        *Optional*

*Job or Location Flag*                              *Optional*

Pass J for Job or L for location.  J is the default

*AuthorisingJobOrLocation*                          *Optional*

This will default to the value of the job parameter.

*Authorising Job Or Location Flag*                  *Optional*

Pass J for Job or L for location. J is the default

*Reference Address*                                 *Optional*

*Authorised Value*                                  *Optional*

*Authorisation Status*                              *Optional*

*Barcode*                                           *Optional*

*Electronic Or Paper*                               *Optional*

*Accrual Flag*                                      *Optional*

*Payment Due Date*                                          *Optional*


*Secure Payment*                                          *Optional*

Pass Y or N to indicated if this transaction is to be flagged as a secure payment.

## PostAPendingInvoice

### Description

This web service will post a Pending Invoice.

### Passed Parameters

*Token*                                                   *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                  *Mandatory*

The 3 digit work id number.

*Creditor*

The 8 character creditor code

*Invoice*

The 10 character invoice number. If you pass more than 10 characters the right most 10 characters will be used.

*TransactionType*

1 character:I for Invoice or C for Credit

### Response fields



## Other Creditor APIs

Documentation can be provided if requested.

- PendingInvoiceDissectionListing
- ServiceContractWOActivityListing
- CreateANewCreditorInvoiceUpload
- AccountsPayableBarcodeListing
- CreditorContactListing
- EFTListing
- ChequeListing
- CreditorTypeListing
- PostUploadedAPTransactions

# General Ledger Web Services

## GLAccountListing

### Description
This web service returns a list of general ledger accounts.

### Passed Parameters

**Token**  **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**  **Mandatory**
The 3 digit work id number.

**Account**  **Range**
You can optionally provide a range of general ledger accounts to return

**Status**  **Optional**
You can optionally filter the GL accounts by status eg &Status=A will only provide active General Ledger Accounts

**Group**  **Optional**
You can optionally include GL accounts for a specific group.

**ProfitCentre**  **Optional**
You can optionally include GL accounts for a specific profit centre.

**RecordType**  **Optional**
You can optionally include GL accounts with a specific record type.

**ReportSequence**  **Optional**
You can optionally include GL accounts with a specific Report sequence.

**AccountType**  **Optional**
You can optionally include GL accounts with a specific Account Type.

**Category**  **Optional**
You can optionally include GL accounts with a specific Category.

**Level**  **Optional**
You can optionally include GL accounts with a specific Level code.

**Group2**  **Optional**
You can optionally include GL accounts with a specific group 2 code.

**BalanceSheetOrPLAccount**  **Optional**
You can optionally include GL accounts that are either BalanceSheet Or P&L Acounts

Eg &BalanceSheetOrPLAccount=B for Balance Sheet accounts or &BalanceSheetOrPLAccount=P for P&L accounts.

**Response fields**
*General Ledger Account*
*Description*
*Status*
*Group*
*Profit Centre*
*Record Type*
*Report Sequence*
*Account Type*
*Category*
*Level*
*Group 2*
*Balance Sheet Or PL Account*
*Spread Method*
*User Defined Field*
*Cost Control Account*
*Heading Code*
*Subheading Code*
*Job Group Code*
*Reporting Unit*
*Reporting Subunit*
*Extract For Conexa*

## GeneralLedgerSummaryListing

**Description**
This provides a summary of General Ledger Accounts by Year for a work id.

**Passed Parameters**

*Token*                                                   *Mandatory*
This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                  *Mandatory*
The 3 digit work id number.

*GeneralLedgerAccount*                              *Range*
You can optionally limit the list to a range of accounts or a specific account.  If you don't specify this the entire account range will be provided.

*Year*                                                     *Range*
You can specify a year or range of years.

**Response fields**
*General Ledger Account*
*Year*
*Opening Balance*

*Actuals Period 01*
*Actuals Period 02*
*Actuals Period 03*
*Actuals Period 04*
*Actuals Period 05*
*Actuals Period 06*
*Actuals Period 07*
*Actuals Period 08*
*Actuals Period 09*
*Actuals Period 10*
*Actuals Period 11*
*Actuals Period 12*
*Actuals Period 13*
*Credits Period 01*
*Credits Period 02*
*Credits Period 03*
*Credits Period 04*
*Credits Period 05*
*Credits Period 06*
*Credits Period 07*
*Credits Period 08*
*Credits Period 09*
*Credits Period 10*
*Credits Period 11*
*Credits Period 12*
*Credits Period 13*
*Debits Period 01*
*Debits Period 02*
*Debits Period 03*
*Debits Period 04*
*Debits Period 05*
*Debits Period 06*
*Debits Period 07*
*Debits Period 08*
*Debits Period 09*
*Debits Period 10*
*Debits Period 11*
*Debits Period 12*
*Debits Period 13*
*Original Budget Period 01*
*Original Budget Period 02*
*Original Budget Period 03*
*Original Budget Period 04*
*Original Budget Period 05*
*Original Budget Period 06*
*Original Budget Period 07*
*Original Budget Period 08*
*Original Budget Period 09*
*Original Budget Period 10*

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*Original Budget Period 11*
*Original Budget Period 12*
*Original Budget Period 13*
*Latest Forecast Period 01*
*Latest Forecast Period 02*
*Latest Forecast Period 03*
*Latest Forecast Period 04*
*Latest Forecast Period 05*
*Latest Forecast Period 06*
*Latest Forecast Period 07*
*Latest Forecast Period 08*
*Latest Forecast Period 09*
*Latest Forecast Period 10*
*Latest Forecast Period 11*
*Latest Forecast Period 12*
*Latest Forecast Period 13*
*Spread Method*

## GeneralLedgerDetailListing

### Description

This provides a listing of general ledger details within a GL account.

### Passed Parameters

**Token**                                                                 **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                                **Mandatory**

The 3 digit work id number.

**General Ledger Account**                                                **Mandatory**

The 10 character general ledger account.

**AccountingPeriod**                                                      **Range**

A range of accounting periods in MAR17 format.

Eg: If you want all details between Januray 2017 and March 2017 then the parameters can be specified as follows: &StartAccountingPeriod=JAN17&FinishAccountingPeriod=MAR17

If you want details for one specific period you can specify the parameter like this: &AccountingPeriod=FEB17

**TransactionDate**                                                       **Range**

An optional range of transactions dates in YYYY-MM-DD format.

**Batch**                                                                 **Range**

A range of GL Batch codes can be specified.  Eg &StartBatch=J0001&FinishBatch=J0015

**AlphaSearch**                                                           **Optional**

A word or phrase to look for in the description.

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**NumericTransactionType**                                                    *Optional*

You can optionally specify a specific transaction type using the following numeric codes:

1=G JNL

2=S JNL

3=G CHQ

4=S CHQ

5=R JNL

6=DR DBT

7=AS JNL

8=J JNL

9=G P/L

11=AP INV

12=AP CRD

13=AP RTN

14=AP CHQ

15=AP PPI

16=AP PPC

17=AP PPR

18=AP CAN

21=AR INV

22=AR CRD

23=AR ADJ

24=AR CSH

31=PR JNL

32=PR CHQ

41=ST JNL

42=ST RCP

50=NP INV

51=SC ACR

52=OH JNL

53=RJ JNL

54=SR JNL

So for example you can filter the list to just AP invoices by specifying &NumericTransactionType=11

***Debtor***                                                    ***Optional***
You can optionally filter the list by the debtor code

***Creditor***                                                  ***Optional***
You can optionally filter the list by the creditor code

***EntryTime***                                                 ***Range***
You can optionally retrieve general ledger details based on the date and time range that they were created in.  If you want everything after a particular date and time you can use the &StartEntryTime parameter without the &FinishEntryTime parameter.  For example &StartEntryTime=2018-09-03-10.17.00.000000 will return all records created from 3rd September 2018 and 10:17 AM.

**Response fields**
*Accounting Period*
*Transaction Date*
*Batch*
*Batch Line Number*
*Description*
*Quantity*
*Unit Of Measure*
*Rate*
*Amount*
*Numeric Transaction Type*
*System Parameter Code*
*Tax Code*
*Tax Reporting Number*
*Debtor*
*Accounts Receivable Transaction*
*Creditor*
*Accounts Payable Transaction*
*Dissection*
*Invoice Or Credit Flag*
*Purchase Order Dissection Number*
*Bank General Ledger Account*
*Cheque Number*
*Cancellation Flag*
*Employee*
*Sequence Number*
*Job*
*Cost Code*
*Cost Type*

*Resource*
*Asset*
*Property*
*Asset Workid*
*RFC Number*

## GeneralLedgerDetailsByTimeListing

### Description

This provides a listing of general ledger details that have been created within a specified range of dates and times.

### Passed Parameters

*Token*                                                                                                     *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                                                                   *Mandatory*

The 3 digit work id number.

*Account*                                                                                                   *Range*

The 10 character general ledger account. You can specify a range or if you don't provide the parameter, all accounts with general ledger details will be provided.

*EntryTimestamp*                                                                                       *Range*

You can specify a range of dates times by providing a start and finish timestamp in the format YYYY-MM-DD-hh.mm.ss.000000. If you only provide the start timestamp then everything after that timestamp will be provided. Eg &StartEntrytimestamp=2018-09-12-23.59.59.000000 will give you everything after the 12<sup>th</sup> of September 2018 at 11:59:59 PM

*AccountingPeriod*                                                                                     *Range*

An optional range of accounting periods in MAR17 format.

Eg: If you want all details between Januray 2017 and March 2017 then the parameters can be specified as follows: &StartAccountingPeriod=JAN17&FinishAccountingPeriod=MAR17

If you want details for one specific period you can specify the parameter like this: &AccountingPeriod=FEB17

*TransactionDate*                                                                                       *Range*

An optional range of transactions dates in YYYY-MM-DD format.

### Response fields
*Account*
*EntryTimestamp*
*AccountingPeriod*
*Transaction Date*
*Batch*
*Batch Line*
*Quantity*
*UnitOfMeasure*

*Rate*
*Amount*
*Description*
*WorkId*
*Job*
*Cost Code*
*Cost Type*
*ResourceCode*
*AssetItem*
*Asset*
*PropertyCode*
*Transaction Type*
*System Parameter Code*
*Tax Code*
*Tax Reporting Number*
*Debtor*
*Accounts Receivable Transaction*
*Creditor*
*Accounts Payable Transaction*
*DissectionNumber*
*General Ledger Bank Account*
*PaymentMethod*
*Cheque Number*
*Cancellation Flag*
*Receipt*
*Employee*
*Sequence Number*
*TrustFundId*
*StatementNumber*
*TrustAccount*
*Asset Workid*
*WorkOrderWorkId*
*CashTransaction*
*AccountsPayablePeriod*
*AccountsReceivablePeriod*
*JobcostingPeriod*
*BFMPeriod*
*PayrollPeriod*
*StockPeriod*
*FixedAssetsPeriod*
*PlantPeriod*

## CreateANewUnpostedGLJournalHeader

**Passed Parameters**

**Description**
This web service is used to create a batch header for general ledger journals.

**Token**                                                          **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                         **Mandatory**
The 3 digit work id number.

**Date**                                                           **Optional**
This date will default to today's date if it is not passed. If passed it must be in ISO date format yyyy-mm-dd

**AccountingPeriod**                                               **Optional**
This will default to the current general ledger accounting period. If passed it should be passed in the format JAN17

**BatchType**                                                      **Optional**
This will default to G for general journal. If passed it must be one of the following values.

G=General Journal

S=Standing Journal

R=Reversing Journal

SR=Standing Reversing Journal

SK=Skeleton Journal

AS=Asset Journal

PR=Payroll Journal

**DebitCheckSum**                                                  **Optional**
This optional field is used to prevent the journal being posted if the debits do not add up to this value. If not provided the check will not be performed.

**LineCountChecksum**                                              **Optional**
This optional field is used to prevent the journal being posted if the number of lines does not match this parameter. If not provided the check will not be performed.

## CreateANewUnpostedGLJournalDetail

### Description

This web service is used to create batch details for general ledger journals. You must first create a header before using this service. (See CreateANewUnpostedGLJournalHeader)

### Passed Parameters

*Token*                                                                    *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                                    *Mandatory*

The 3 digit work id number.

*NumericBatch*                                                            *Mandatory*

Use the batch number returned by the CreateANewUnpostedJournalHeader API.

*Description*                                                              *Mandatory*

Up to 70 characters are allowed.

*Quantity*                                                                 *Optional*

Optional quantity with up to 4 decimal places.

*UnitOfMeasure*                                                           *Optional*

Optional Unit Of Measure

*Amount*                                                                   *Optional*

*CostingWorkId*                                                           *Optional*

This will default to the work id for the journal. You can provide a different costing work id for intercompany journals.

*The 3 digit work id number.GeneralLedgerAccount*          *Optional*

You don't need to provide this if you have provided other costing fields that allow this to be determined. For example, if you have supplied job and cost centre the GL account can be determined from those.  If you do supply this parameter it must be consistent with the other costing fields.

*Job*                                                                      *Optional*

The 6 character job code.

*CostCode*                                                                 *Optional*

The 8 character cost code

*CostType*                                                                 *Optional*

The 2 character cost type.

| | |
|---|---|
| *ResourceCode* | *Optional* |
| *InternalReference* | *Optional* |
| *ExternalReference* | *Optional* |
| *AssetWorkId* | *Optional* |
| *Asset* | *Optional* |
| *NormalValue*<br>This only applies to payroll journals | *Optional* |
| *AllowanceValue*<br>This only applies to payroll journals | *Optional* |
| *OnCostValue*<br>This only applies to payroll journals | *Optional* |
| *TaxCode* | *Optional* |
| *TaxPercentage* | *Optional* |
| *Tax* | *Optional* |
| *CashTransaction* | *Optional* |
| *SmallOrderRevenue* | *Optional* |

## Other General Ledger APIs

- UnpostedGLJournalDetailListing
- UnpostedGLJournalHeaderListing

TRANSFORMING THE WAY THE WORLD WORKS

# Accounts Receivable Web Services

## DebtorListing

### Description

*Documentation for this web service is incomplete.*

### Passed Parameters

***Token***                                                        ***Mandatory***

This is the token that you received when validating your credentials using the GiveMeAToken web service.

***WorkId***                                                       ***Mandatory***

The 3 digit work id number.

***AlphaSearch***                                                  ***Optional***

### Response fields

*Debtor*
*Name*
*Address Line 1*
*Address Line 2*
*Suburb*
*Post Code*
*Country*
*Phone Number*
*Fax*
*Alternate Name*
*Alternate Adress Line 1*
*Alternate Adress Line 2*
*Alternate Suburb*
*Alternate Post Code*
*Alternate Country*
*Alternate Phone Number*
*Alternate Fax Number*
*Contact*
*Dunning Letter 1*
*Dunning Letter 2*
*Dunning Letter 3*
*Credit Rating*
*Terms*
*Clientor Prospect*
*User Defined Field 1*
*User Defined Field 2*
*Status*
*Stop Payments*
*Intercompany Debtor*

*Settlement Discount*

*Australian Company Number*

*Salesman*

*Discount Code*

*Stamp Duty Exemption Code*

*Insurance Code*

*Discount Percentage*

*General Notes*

*Tax Code*

*Year To Date Receipts*

*Month To Date Receipts*

*Previous Year Receipts*

*Previous Year Sales*

*Sales Budget*

*Credit Limit*

*Retention Balance*

*Balance Of General Credits*

*Amount Owing*

*Monthto Date*

*Year To Date*

*Current Balance Aged By Period*

*x 30 Day Balance Aged By Period*

*x 60 Day Balance Aged By Period*

*x 90 Day Balance Aged By Period*

*x 120 Day Balance Aged By Period*

*Forward Balance Aged By Invoice Date*

*Current Balance Aged By Invoice Date*

*x 30 Day Balance Aged By Invoice Date*

*x 60 Day Balance Aged By Invoice Date*

*x 90 Day Balance Aged By Invoice Date*

*x 120DayBalance Aged By Invoice Date*

*x 7Day Balance Aged By Due Date*

*x 14Day Balance Aged By Due Date*

*x 21Day Balance Aged By Due Date*

*x 28Day Balance Aged By Due Date*

*x 35Day Balance Aged By Due Date*

*Entry Timestamp*

*Entered By User*

*Last Used Date*

*Last Used User*

*Last Transaction Date*

*Last Transaction User*

*Last Payment Date*

*Last Payment User*

*Parent Debtor*

*Uncertified Claim*

*State*

*Alternate Address State*

## ARCashApplicationListing

### Description
*Documentation for this web service is incomplete.*

### Passed Parameters

**Token**                                          **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                         **Mandatory**
The 3 digit work id number.

**GeneralLedgerAccount**                           **Mandatory**

**CashReceiptNumber**                              **Mandatory**

**ReceiptDissection**                              **Mandatory**

**Batch**                                          **Mandatory**

**Accounting Period**                              **Range**

**CostingWorkId**                                  **Optional**

**BankWorkid**                                     **Optional**

**Job**                                            **Optional**

### Response fields
*Costing Firm*
*Accounts Receivable Transaction Code*
*Invoice Credit Flag*
*Invoice  Dissection*
*Accounting Period*
*Amount*
*Job*
*Batch Line Number*
*User Profile*
*Entry Time*
*Bank Firm*

## ARClaimHistoryListing

### Description
*This web service provides a listing of Accounts Receivable Progress Claims and Retention Claims.b*

**Passed Parameters**

**Token**                                              **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                             **Mandatory**

The 3 digit work id number.

**Job**                                                **Mandatory**

The 6 character job number

**ClaimType**                                          **Optional**

You can optionally filter to Progress claims or retention claims only by specifiying &ClaimType=P or &ClaimType=R

**ClaimNumber**                                        **Range**

You can ask for a specific range of claims using a start and finish claim number or just get one claim by specifying the claim number.

**Response fields**
*Claim Type*
*Claim Number*
*Claim Date*
*Firm*
*Accounts Receivable Transaction*
*Invoice Or Credit Flag*
*Nett Contract Sum Claimed*
*Nett Variations Claimed*
*Nett Rise And Fall Claimed*
*Nett Materials On Site Claimed*
*Retention Held*
*Retention Claimed*
*Certified Date*
*Nominated Subcontract Claimed*
*PC Sum Engr Cont Claimed*
*Bonus LDS Claimed*
*Claimed 8*
*Claimed 9*
*Original Nett Contract Sum Claimed*
*Original Nett Variations Claimed*
*Original Nett RF Claimed*
*Original Nett Materials On Site Claimed*
*Original Retention Held*
*Original Retention Claimed*
*Original Nominated SC Claimed*
*Original PC Sum Engr Cont Claimed*
*Original Bonus LDS Claimed*
*Last Updated Timestamp*

## ARTransactionDetailListing

### Description
*Documentation for this web service is incomplete.*

### Passed Parameters

**Token**                                                                **Mandatory**
This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                               **Mandatory**
The 3 digit work id number.

**InvoiceNumber**                                                        **Mandatory**

**InvoiceCreditFlag**                                                    **Mandatory**

### Response fields
*Dissection*
*Description*
*Costing Firm*
*Job*
*Cost Code*
*Cost Type*
*Variation Number*
*Asset Firm*
*Asset*
*General Ledger Account*
*Employee*
*Weekending Date*
*Stock Code*
*Warehouse*
*Warehouse Location*
*Reference*
*Quantity*
*Quantity Adjustments*
*Unit Of Measure*
*Rate*
*Amount*
*Adjustments*
*Amount Credited*
*Paid Amount*
*Tax Code*
*Tax Percentage*
*Tax*
*Tax Adjustments*
*Advance Payment*
*Advance Payment Adjustments*
*Discount*
*Discount Adjustments*

*Retention*
*Retention Adjustments*
*Outstanding Amount*
*Claim Number*
*Claim Type*
*Dissection Type*
*Certified Date*
*Batch*
*Batch Line Number*
*Entry Time*

## ARTransactionHeaderListing

### Description
*Documentation for this web service is incomplete.*

### Passed Parameters

*Token*                                                    *Mandatory*
This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                   *Mandatory*
The 3 digit work id number.

*AccountsReceivableTransaction*                            *Range*

*Debtor*                                                   *Optional*

*Accounting Period*                                        *Range*

*Transaction Date*                                         *Range*

### Response fields
*Accounts Receivable Transaction*
*Debtor Firm*
*Debtor*
*Invoice Credit Flag*
*Description*
*Accounting Period*
*Transaction Date*
*Payment Due Date*
*Amount*
*Paid Amount*
*Credits*
*Adjustments*
*Tax*
*Tax Adjustments*
*Discount*
*Discount Adjustment*
*Advance Payment*

*Advance Payment Adjustments*
*Outstanding Amount*
*Last Adjustment Date*
*Last Credit Date*
*Last Payment Date*
*Batch*
*Entry User*
*Entry Time*

## CreateANewDebtor

### Description

This web service allows you to create a new debtor in Jobpac.

This is a PUT web service.

### Passed Parameters

*Token*                                                            *Mandatory*

This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                          *Mandatory*

The 3 digit work id number.

*Debtor*                                                          *Mandatory*

The 8 character debtor code.  This debtor must not already exist in the work id. This is field is not cas sensitive but will be converted to upper case by the web service.

*Name*                                                            *Mandatory*

The 30 character mixed case debtor name.

*Terms*                                                           *Mandatory*

A 3 character field with the debtor terms code. The valid values for this depend on your specific setup but in the default setup the valid terms are

7        7 Days

14       14 Days

30       30 Days from the end of month

30I      30 Days from invoice date.

45       45 days from the end of the month. (The 15th of next month)

60       60 days from the end of month

90       90 days from the end of the month

COD    Cash on delivery

*AddressLine1*                                                    *Optional*
Line 1 of the debtor's address

**AddressLine2**                                                    *Optional*
Line 2 of the debtor's address

**Suburb**                                                          *Optional*
The suburb for the debtor's address

**PostCode**                                                        *Optional*
A 9 character postcode. (4 digits for Australian addresses)

**State**                                                           *Optional*
A 30 character state for the debtor's address

**Country**                                                         *Optional*
The country the debtor is located in.

**PhoneNumber**                                                     *Optional*
The debtor's primary phone number.

**Fax**                                                             *Optional*
The debtor's primary fax number

**AlternativeName**                                                 *Optional*

**AlternativeAddressLine1**                                         *Optional*

**AlternateAddressLine2**                                           *Optional*

**AlternateSuburb**                                                 *Optional*

**AlternatePostCode**                                              *Optional*

**AlternateState**                                                  *Optional*

**AlternateCountry**                                                *Optional*

**AlternatePhoneNumber**                                            *Optional*

**AlternateFaxNumber**                                              *Optional*

**Contact**                                                         *Optional*

**CreditRating**                                                    *Optional*

**StopPayments**                                                    *Optional*

**SettlementDiscount**                                              *Optional*

**SalesBudget**                                                     *Optional*

**CreditLimit**                                                     *Optional*

**ParentDebtor**                                                    *Optional*

TRANSFORMING THE WAY THE WORLD WORKS

## Response fields

Response fields for web services that create or update records always have a message followed by a series of flags to indicate the status of the update attempt and to indicate which fields caused any errors or warnings.

### Message

If a validation error has occurred this field will contain a plain text message describing the error. It may contain a warning error or the text "Success" if the debtor was created successfully

### Success

This will contain "Yes" if the debtor was created.

### Warning

This will contain "Yes" if a warning error was issued. (A warning error means that the debtor was created but there is something that the user needs to be made aware of)

### WorkIdInError

This field will contain "Yes" if the Work Id was the cause of the error

*DebtorInError*
*NameInError*
*AddressLine1InError*
*AddressLine2InError*
*SuburbInError*
*PostCodeInError*
*StateInError*
*CountryInError*
*PhoneNumberInError*
*FaxInError*
*AlternateNameInError*
*AlternateAddressLine1InError*
*AlternateAddressLine2InError*
*AlternateSuburbInError*
*AlternatePostCodeInError*
*AlternateStateInError*
*AlternateCountryInError*
*AlternatePhoneNumberInError*
*AlternateFaxNumberInError*
*ContactInError*
*CreditRatingInError*
*StopPaymentsInError*
*SettlementDiscountInError*
*SalesBudgetInError*
*CreditLimitInError*
*ParentDebtorInError*

## Other Debtor APIs

- PostUploadedARTransactions
- ARCreditApplicationListing
- ARCashReceiptDetailListing
- ARCashReceiptHeaderListing
- DebtorTypeListing
- ARInvoiceAdjustmentListing
- ARCreditListing

# Fixed Asset Web Services

- AssetListing
- AssetCostTypeListing

TRANSFORMING THE WAY THE WORLD WORKS

## Payroll Web Services

These APIs do not include any payroll security and can only be provided to a Senior Manager.

- EmployeeListing
- WorkIdsForAnEmployee
- CurrentTimesheetListing
- HistoricalTimesheetListing
- PayrollTransactionByJobListing
- TimesheetUserListing
- TimesheetStatusListing
- TimesheetStatusHistoryListing
- TimesheetWorkGroupListing
- TimeSheetCommentListing
- TimesheetCommentsHistoryListing
- UserEmployeeListing
- PayrollEFTListing
- AllowableTSTransactionCodeListing
- TimesheetTransactionTypeListing
- TimesheetTransactionListing
- EmployeeLeaveHistoryListing
- EmployeeLeaveCurrentListing
- TSAndBillingEmployeeListing
- UpdateAQuickTimeSheetDetail
- UserQuickTimesheetListing
- DeleteAQuickTimeSheetDetail
- PayrollSystemControlListing
- ETSConfigurationListing
- PayrollRateListing
- PayrollTransactionListing
- CreateANewCurrentTimeSheet
- CreateANewQuickTimesheetDetail
- CreateANewTimeSheetTransaction
- CreateANewEmployee

## Human Resources Web Services

- HRAppraiserCommentListing
- HRApplicationReferenceListing
- HRAppraisalListing
- HRAppraiserCommentListing
- HRApplicationReferenceListing
- HRAppraisalListing
- HRApplicationStageCodeListing
- HRApplicationSourceListing
- HRApplicationStageListing
- HRAppraisalTypeListing
- HRApplicationListing

# Business Forecasting Module Web Services

## BFMJobHistoryListing

### Description

The data returned by this web service is very large and you should really decide which fields you want from this and inform viewpoint so that the list can be limited to the fields you want for your application as this will greatly improve the performance.

### Passed Parameters

**Token**                                                **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                               **Mandatory**

The 3 digit work id number.

**Accounting Period**                                    **Mandatory**

**Job**                                                  **Range**

### Response fields

*Job*
*Parent Job*
*Description*
*Project Category*
*Reporting Unit*
*Reporting Subunit*
*Business Unit*
*Debtor*
*Debtor Name*
*Division Code*
*Project Manager*
*Project Type*
*S Curve Template*
*Current PTT In Use For Job*
*S Curve Template Version Number*
*Status*
*DCV Earned*
*Include In Reports*
*Bonuses Quantity*
*SCHG Contract Works*
*Text Key For Yearly Analysis*
*Liquidated Damages Claim Bonus*
*Contractual Completion Date*
*Award Period*
*Award Date*

*Start Period*

*Start Date*

*Forecast Completion Date*

*Practical Completion Date*

*Forecast Financial Completion Date*

*Finish Period*

*Financial Completion Period*

*As At Date*

*Pecentage TT Complete In Terms Of Cost*

*Current Claims Contract Works*

*Amount Due Contract Works*

*Disputed Contract Works*

*Current Claims Approved Variations*

*Amount Due Approved Variations*

*Disputed Approved Variations*

*Current Claims Unapproved Variations*

*Amount Due Unapproved Variations*

*Disputed Unapproved Variations*

*Current Claims Price Fluctuations*

*Amount Due Price Fluctuations*

*Disputed Price Fluctuations*

*Current Claims Nominated Subcontracts*

*Amount Due Nominated Subcontractors*

*Disputed Nominated Subcontractors*

*Current Claims Prime Costs And Provisional Sums*

*Amount Due Prime Costs And Provisional Sums*

*Disputed Prime Costs And Provisional Sums*

*Current Claims Liquidated Damages*

*Amount Due Liquidated Damages*

*Disputed Liquidated Damages*

*Current Claims Total*

*Amount Due Total*

*Disputed Total*

*Current Claims Retention*

*Amount Due Retention*

*Disputed Retention*

*Price Fluctuation Factor*

*Forecast Final Revenue Contract Works*

*Nett Price Fluctuation In Contract Works*

*Approved Contract Works*

*TDRV Contract Works*

*OTRV Contract Works*

*PFF Contract Works*

*NPFFTOT*

*Total Approved Variations*

*TDRVTOT*

*OTRVTOT*

*PFFTOT*

*PFFCTD*

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*PFFOVER*

*EP Forecast Final Cost*

*SCHG Nominated Subcontract*

*SCHG Prime Costs And Provisional Sums*

*SCHG PFL*

*SCHG TOT Contract Works*

*Liquidated Damages Quantity*

*Liquidated Damages Unit Of Measure*

*Liquidated Damages Rate*

*Liquidated Damages Forecast*

*Liquidated Damages Claimed*

*Unit Of Measure For Bonuses*

*Rate For Bonuses*

*Forecast Bonuses*

*GRTM*

*TOTD Contract Value*

*DCV PERCENT*

*Use Direct Cost Value*

*Earned Revenue*

*EffectiveClaimed Revenue*

*Percentage Complete In Terms Of Cost*

*Contract Duration*

*Expected ContractDuration*

*Actual Duration*

*Extention Of Time Duration*

*Costs Allocated*

*Margin Allocated*

*Turnover Allocated*

*Costs Unallocated*

*Margin Unallocated*

*Turnover Unallocated*

*Payments*

*Payments Allocated*

*Cash Position Allocated*

*Payments Unallocated*

*Cash Position Unallocated*

*Original Duration*

*Current Duration*

*Extention Of Time Approved*

*Extention Of Time Applied For*

*Extention Of Time Not Applied For*

*Extention Of Time Expected Approved*

*Extention Of Time Expected Unapproved*

*Extention Of Time Approved Duration*

*Extention Of Time Unapproved Duration*

*Extention Of Time Date*

*Actuals*

*Adjustments*

*Recognised Costs*

*Unrealised Value Of Temporary Works*
*Rise And Fall Total*
*Is This Job Locked*
*Locked By User*
*Locked Timestamp*
*Date Of Last Progress Claim*
*Last Progress Claim Amount*
*Last Retention Claim Date*
*Last Retention Amount*
*Is This A New Order This Period*
*Use Variation Register*
*Cost Transfer Value*
*AFM Active*
*Accrual Locked*
*Accrual Locked By User*
*Accrual Locked Timestamp*
*Target Margin Allocated*
*Target Margin Unallocated*
*Target Receipts Allocated*
*Target Payments Allocated*
*Target Position Allocated*
*Target Receipts Unallocated*
*Target Payments Unallocated*
*Target Position Unallocated*
*Open Next Month PMW*
*User Who Open Next Month PMW*
*Time Opened*
*Current Claims Materials On Site*
*Amount Due Materials On Site*
*Disputed Materials On Site*
*Materials On Site*
*Last Progress Claim Number*
*Indicative Approved Variations*
*Indicative Unapproved Variations*
*Indicative Variation Total*
*Submitted Approved Variations*
*Submitted Unapproved Variations*
*Submitted Variation Total*
*Transferred Approved Variations*
*Transferred Unapproved Variations*
*Transferred Variation Total*
*Additional Approved Variations*
*Additional Unapproved Variations*
*Total Additional Variations*
*Current Contract Value Approved Variations*
*Current Contract Value Cost*
*Current Contract Value Contract Works*
*Current Contract Value Prime Costs And Provisional Sums*
*Current Contract Value Gross Operating Margin Percentage*

*Current Contract Value Gross Operating Margin*

*Current Contract Value Insurance Claims*

*Current Contract Value Liquidated Damages*

*Current Contract Value Margin*

*Current Contract Value Margin Percentage*

*Current Contract Value Nett Operating Margin Percentage*

*Current Contract Value Nett Operating Margin*

*Current Contract Value Nominated Subcontractors*

*Current Contract Value Overhead Percentage*

*Current Contract Value Over UnderClaims*

*Current Contract Value Rise And Fall*

*Current Contract Value Profit Taking Effect*

*Current Contract Value Revenue*

*Current Contract Value Performance Shortfall*

*Current Contract Value Sundry Income*

*Current Contract Value Total*

*Current Contract Value Total Contract Works*

*Current Contract Value Unbalancing Bid*

*Current Contract Value Unapproved Variations*

*Current Contract Value Work In Progress*

*Forecast This Month AFM Adjustment To Cost*

*Forecast This Month AFM Adjustment To Margin*

*Forecast This Month AFM Adjustment To Revenue*

*Forecast This Month AFM Adjustment To Turnover*

*Forecast This Month Approved Variations*

*Forecast Final Cost*

*Forecast This Month Contract Works*

*Forecast This Month Prime Costs And Provisional Sums*

*Forecast This Month Expected Cost*

*Forecast This Month Expected Margin*

*Forecast This Month Expected Margin Percentage*

*Forecast This Month Expected Revenue*

*Forecast This Month Expected Turnover*

*Forecast This Month Gross Operating Margin Percentage*

*Forecast This Month Gross Operating Margin*

*Forecast This Month Insurance Claims*

*Forecast This Month Liquidated Damages*

*Forecast This Month Margin*

*Forecast This Month Margin Percentage*

*Forecast This Month Materials On Site*

*Forecast This Month Margin Variance*

*Forecast This Month Nett Operating Margin Percentage*

*Forecast This Month Nett Operating Margin*

*Forecast This Month Nominated Subcontractors*

*Forecast This Month Overhead Percentage*

*Forecast This Month Over Under Claims*

*Forecast This Month Price Fluctuations*

*Forecast This Month Project Cost*

*Forecast This Month Project Margin*

*Forecast This Month Project Revenue*

*Forecast This Month Project Turnover*

*Forecast This Month Profit Taking Effect*

*Forecast This Month Revenue*

*Forecast This Month Performance Shortfall*

*Forecast This Month Sundry Income*

*Forecast This Month Target Margin*

*Forecast This Month Target Margin Percentage*

*Forecast This Month Total*

*Forecast This Month Total Contract Works*

*Forecast This Month Turnover*

*Forecast This Month Unbalancing Bid*

*Forecast This Month Unsecured Cost*

*Forecast This Month Unsecured Margin*

*Forecast This Month Unsecured Revenue*

*Forecast This Month Unsecured Turnover*

*Forecast This Month Unapproved Variations*

*Forecast This Month Variation Total*

*Forecast This Month Work In Progress*

*Claimed To Date Approved Variations*

*Claimed To Date Contract Works*

*Claimed To Date Prime Costs And Provisional Sums*

*Claimed To Date Liquidated Damages*

*Claimed To Date Materials On Site*

*Claimed To Date Nominated Subcontractors*

*Claimed To Date Price Fluctuations*

*Claimed To Date Retention*

*Claimed To Date Total*

*Claimed To Date Unapproved Variations*

*Certified To Date Approved Variations*

*Certified To Date Contract Works*

*Certified To Date Prime Costs And Provisional Sums*

*Certified To Date Liquidated Damages*

*Certified To Date Materials On Site*

*Certified To Date Nominated Subcontractors*

*Certified To Date Price Fluctuations*

*Certified To Date Retention*

*Certified To Date Total*

*Certified To Date Unapproved Variations*

*Debtors Balance Approved Variations*

*Debtors Balance Contract Works*

*Debtors Balance Prime Costs And Provisional Sums*

*Liquidated Damages Debtors Balance*

*Job To Date Margin Variance*

*Debtors Balance Materials On Site*

*Job To Date Margin Variance Allocated*

*Debtors Balance Nominated Subcontractors*

*Job To Date Margin Variance Unallocated*

*Debtors Balance Price Fluctuations*

*Debtors Balance Retention*

*Debtors Balance Total*

*Debtors Balance Unapproved Variations*

*Job To Date AFM Adj Costs*

*Job To Date AFM Adj Margin*

*Job To Date AFM Adj Revenue*

*Job To Date AFM Adj Turnover*

*Job To Date Approved Variations*

*Job To Date Cost*

*Job To Date Contract Works*

*Job To Date Prime Costs And Provisional Sums*

*Job To Date Expected Costs*

*Job To Date Expected Margin*

*Job To Date Expected Margin Percentage*

*Job To Date Expected Revenue*

*Job To Date Expected Turn*

*Job To Date Gross Operating Margin Percentage*

*Job To Date Gross Operating Margin*

*Job To Date Insurance Claims*

*Job To Date Liquidated Damages*

*Job To Date Margin*

*Job To Date Margin Percentage*

*Job To Date Materials On Site*

*Job To Date Nett Operating Margin Percentage*

*Job To Date Nett Operating Margin*

*Job To Date Nominated Subcontractors*

*Job To Date Overhead Percentage*

*Job To Date Over Under Claims*

*Job To Date Price Fluctuations*

*Job To Date Project Costs*

*Job To Date Project Margin*

*Job To Date Project Revenue*

*Job To Date Project Turnover*

*Job To Date Provision For Future Loss*

*Job To Date Profit Taking Effect*

*Job To Date Retention*

*Job To Date Revenue*

*Job To Date Performance Shortfall*

*Job To Date Sundry Income*

*Job To Date Total*

*Job To Date Turnover*

*Job To Date Unbalancing Bid*

*Job To Date Unsecured Costs*

*Job To Date Unsecured Margin*

*Job To Date Unsecured Revenue*

*Job To Date Unsecured Turn*

*Job To Date Unapproved Variations*

*Job To Date Variation Total*

*Job To Date Work In Progress*

*Monthly Movement AFM Adjustment Cost Movement*

*Monthly Movement AFM Adjustment Margin Movement*

*Monthly Movement AFM Adjustment Revenue Movement*

*Monthly Movement AFM Adjustment Turnover Movement*

*Monthly Movement Approved Variations*

*Monthly Movement In Cost*

*Monthly Movement Contract Works*

*Monthly Movement Prime Costs And Provisional Sums*

*Monthly Movement Expected Cost Movement*

*Monthly Movement Expected Margin Movement*

*Monthly Movement Expected Margin Movement Percentage*

*Monthly Movement Expected Revenue Movement*

*Monthly Movement Expected Turnover Movement*

*Monthly Movement Gross Operating Margin Percentage*

*Monthly Movement In Gross Operating Margin*

*Monthly Movement Insurance Claims*

*Monthly Movement Liquidated Damages*

*Monthly Movement In Margin This Period*

*Monthly Movement Margin Percentage*

*Monthly Movement Materials On Site*

*Monthly Movement Nett Operating Margin Percentage*

*Monthly Movement In Nett Operating Margin*

*Monthly Movement Nominated Subcontractors*

*Monthly Movement Overhead Percentage*

*Monthly Movement Over Under Claims*

*Monthly Movement In Price Fluctuations*

*Monthly Movement Project Cost*

*Monthly Movement Project Margin*

*Monthly Movement Project Revenue*

*Monthly Movement Project Turnover*

*Monthly Movement Provision For Future Loss*

*Monthly Movement Profit Taking Effect*

*Monthly Movement Revenue*

*Monthly Movement Performance Shortfall*

*Monthly Movement Sundry Income*

*Monthly Movement Total*

*Monthly Movement In Turnover*

*Monthly Movement Unbalancing Bid*

*Monthly Movement Unsecured Cost*

*Monthly Movement Unsecured Margin*

*Monthly Movement Unsecured Revenue*

*Monthly Movement Unsecured Turnover*

*Monthly Movement Unapproved Variations*

*Monthly Movement Work In Progress*

*Year To Date AFM Adjustment To Costs*

*Year To Date AFM Adjustment To Margin*

*Year To Date AFM Adjustment To Revenue*

*Year To Date AFM Adjustment To Turnover*

*Year To Date Costs*

*Year To Date Expected Costs*

*Year To Date Expected Margin*

*Year To Date Expected Margin Percentage*

*Year To Date Expected Revenue*

*Year To Date Expected Turnover*

*Year To Date Margin*

*Year To Date Project Costs*

*Year To Date Project Margin*

*Year To Date Project Revenue*

*Year To Date Project Turnover*

*Year To Date Revenue*

*Year To Date Turnover*

*Year To Date Unsecured Costs*

*Year To Date Unsecured Margin*

*Year To Date Unsecured Revenue*

*Year To Date Unsecured Turnover*

*Month To Date Margin Variance*

*Month To Date Margin Variance Allocated*

*Month To Date Margin Variance Unallocated*

*Original Contract Value Approved Variations*

*Original Contract Value Cost*

*Original Contract Value Contract Works*

*Original Contract Value Prime Costs And Provisional Sums*

*Original Contract Value Gross Operating Margin Percentage*

*Original Contract Value Gross Operating Margin*

*Last Month Original Contract Value Gross Operating Margin*

*Original Contract Value Insurance Claims*

*Liquidated Damages Original Contract Value*

*Original Contract Value Margin*

*Original Contract Value Margin Percentage*

*Original Contract Value Nett Operating Margin Percentage*

*Original Contract Value Nett Operating Margin*

*Last Month Original Contract Value Nett Operating Margin*

*Original Contract Value Nominated Subcontractors*

*Original Contract Value Overhead Percentage*

*Original Contract Value Over Under Claims*

*Original Contract Value Rise And Fall*

*Original Contract Value Profit Taking Effect*

*Original Contract Value*

*Original Contract Value Performance Shortfall*

*Original Contract Value Sundry Income*

*Original Contract Value Total*

*Original Contract Value TOTCW*

*Original Contract Value Turnover*

*Original Contract Value Unbalancing Bid*

*Original Contract Value Unapproved Variations*

*Original Contract Value Work In Progress*

*Over Under Claims Approved Variations*
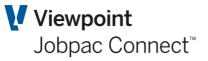
*Over Under Claims Contract Works*

*Over Under Claims Prime Costs And Provisional Sums*

*Over Under Claims Insurance Claims*

*Over Under Claims Materials On Site*

*Over Under Claims Nominated Subcontractors*

*Over Under Claims Price Fluctuations*

*Over Under Claims Price Sub*

*Over Under Claims Sundry Income*

*Over Under Claims Unapproved Variations*

*Over Under Claims Variation Total*

*Job To Date Percentage Complete In Terms Of Progress Claims*

*Job To Date Percentage Complete In Terms Of Forecast Revenue*

*Job To Date Percentage Complete In Terms Of Margin*

*Job To Date Percentage Complete In Terms Of Time*

*Percentage Complete Monthly Movement In Terms Of Claim Value*

*Percentage Complete Monthly Movement In Terms Of Cost*

*Percentage Complete Monthly Movement In Terms Of Forecast*

*Percentage Complete Monthly Movement In Terms Of Margin*

*Percentage Complete Monthly Movement In Terms Of Time*

*Cost Transfer Value Posted*

*Job To Date Posted Cost*

*Job To Date Over Under Claims Posted*

*Job To Date Posted Provision For Future Loss*

*Job To Date Posted Profit Taking Effect*

*Job To Date Posted Revenue*

*Job To Date Posted Performance Shortfall*

*Job To Date Posted Unbalancing Bid*

*Job To Date Posted Work In Progress*

*Receipts*

*Receipts Allocated*

*Receipts Unallocated*

*Recognised Costs Approved Variations*

*Recognised Costs Contract Works*

*Recognised Costs Prime Costs And Provisional Sums*

*Liquidated Damages Recognised Costs*

*Recognised Costs Materials On Site*

*Recognised Costs Nominated Subcontractors*

*Recognised Costs Price Fluctuations*

*Recognised Costs Retention*

*Recognised Costs Total*

*Recognised Costs Unapproved Variations*

*Remaining Duration*

*Completion Remaining Percentage*

*Costs Remaining*

*Cost Remaining Percentage*

*Margin Remaining*

*Margin Remaining Percentage*

*Turnover Remaining*

*Unsecured Costs Allocated*

*Unsecured Costs Unallocated*

*Unsecured Margin Unallocated*
*Unsecured Payments Allocated*
*Unsecured Payments Unallocated*
*Unsecured Cash Position Allocated*
*Unsecured Cash Position Unallocated*
*Unsecured Receipts Allocated*
*Unsecured Receipts Unallocated*
*Unsecured Turnover Allocated*
*Unsecured Turnover Unallocated*
*Work In Progress For Approved Variations*
*Work In Progress Contract Works*
*Work In Progress Insurance Claims*
*Work In Progress Price Fluctuations*
*Work In Progress Subcontracts*
*Work In Progress Sundry Income*
*Work In Progress Variation Total*
*OriginalContractValueContractWorksPlusNominatedSubcontracts*
*Year To Date Margin Variance*
*Year To Date Margin Variance Allocated*
*Year To Date Margin Variance Unallocated*

## BFMYearlyAnalysisListing

### Description

The data returned by this web service is very large and you should really decide which fields you want from this and inform viewpoint so that the list can be limited to the fields you want for your application as this will greatly improve the performance. This returns the month by month forecasts for turnover, cost and margin and associated calculated fields.

### Passed Parameters

*Token*                                                    *Mandatory*
This is the token that you received when validating your credentials using the GiveMeAToken web service.

*WorkId*                                                   *Mandatory*
The 3 digit work id number.

*RecordType*                                               *Mandatory*
This parameter should normally be S for secured works.  &RecordType=S

*Accounting Period*                                        *Mandatory*
Accounting period that you want the snapshot for eg JAN17

*Job*                                                      *Mandatory*
The 6 character job number.

### Response fields
*Year*
*Turnover Period 1*
*Turnover Period 2*

*Turnover Period 3*

*Turnover Period 4*

*Turnover Period 5*

*Turnover Period 6*

*Turnover Period 7*

*Turnover Period 8*

*Turnover Period 9*

*Turnover Period 10*

*Turnover Period 11*

*Turnover Period 12*

*Unallocated Turnover*

*Completion Percentage Period 1*

*Completion Percentage Period 2*

*Completion Percentage Period 3*

*Completion Percentage Period 4*

*Completion Percentage Period 5*

*Completion Percentage Period 6*

*Completion Percentage Period 7*

*Completion Percentage Period 8*

*Completion Percentage Period 9*

*Completion Percentage Period 10*

*Completion Percentage Period 11*

*Completion Percentage Period 12*

*Costs Period 1*

*Costs Period 2*

*Costs Period 3*

*Costs Period 4*

*Costs Period 5*

*Costs Period 6*

*Costs Period 7*

*Costs Period 8*

*Costs Period 9*

*Costs Period 10*

*Costs Period 11*

*Costs Period 12*

*Unallocated Costs*

*Margin Period 1*

*Margin Period 2*

*Margin Period 3*

*Margin Period 4*

*Margin Period 5*

*Margin Period 6*

*Margin Period 7*

*Margin Period 8*

*Margin Period 9*

*Margin Period 10*

*Margin Period 11*

*Margin Period 12*

*Unallocated Margin*

*Margin Percentage Period 1*

*Margin Percentage Period 2*

*Margin Percentage Period 3*

*Margin Percentage Period 4*

*Margin Percentage Period 5*

*Margin Percentage Period 6*

*Margin Percentage Period 7*

*Margin Percentage Period 8*

*Margin Percentage Period 9*

*Margin Percentage Period 10*

*Margin Percentage Period 11*

*Margin Percentage Period 12*

*Nett Operating Margin Period 1*

*Nett Operating Margin Period 2*

*Nett Operating Margin Period 3*

*Nett Operating Margin Period 4*

*Nett Operating Margin Period 5*

*Nett Operating Margin Period 6*

*Nett Operating Margin Period 7*

*Nett Operating Margin Period 8*

*Nett Operating Margin Period 9*

*Nett Operating Margin Period 10*

*Nett Operating Margin Period 11*

*Nett Operating Margin Period 12*

*Gross Operating Margin Period 1*

*Gross Operating Margin Period 2*

*Gross Operating Margin Period 3*

*Gross Operating Margin Period 4*

*Gross Operating Margin Period 5*

*Gross Operating Margin Period 6*

*Gross Operating Margin Period 7*

*Gross Operating Margin Period 8*

*Gross Operating Margin Period 9*

*Gross Operating Margin Period 10*

*Gross Operating Margin Period 11*

*Gross Operating Margin Period 12*

*Forecast Intake Turnover Period 1*

*Forecast Intake Turnover Period 2*

*Forecast Intake Turnover Period 3*

*Forecast Intake Turnover Period 4*

*Forecast Intake Turnover Period 5*

*Forecast Intake Turnover Period 6*

*Forecast Intake Turnover Period 7*

*Forecast Intake Turnover Period 8*

*Forecast Intake Turnover Period 9*

*Forecast Intake Turnover Period 10*

*Forecast Intake Turnover Period 11*

*Forecast Intake Turnover Period 12*

*Original Contract Forecast Intake Turnover Period 1*

*Original Contract Forecast Intake Turnover Period 2*
*Original Contract Forecast Intake Turnover Period 3*
*Original Contract Forecast Intake Turnover Period 4*
*Original Contract Forecast Intake Turnover Period 5*
*Original Contract Forecast Intake Turnover Period 6*
*Original Contract Forecast Intake Turnover Period 7*
*Original Contract Forecast Intake Turnover Period 8*
*Original Contract Forecast Intake Turnover Period 9*
*Original Contract Forecast Intake Turnover Period 10*
*Original Contract Forecast Intake Turnover Period 11*
*Original Contract Forecast Intake Turnover Period 12*
*Variation Forecast Intake Turnover Period 1*
*Variation Forecast Intake Turnover Period 2*
*Variation Forecast Intake Turnover Period 3*
*Variation Forecast Intake Turnover Period 4*
*Variation Forecast Intake Turnover Period 5*
*Variation Forecast Intake Turnover Period 6*
*Variation Forecast Intake Turnover Period 7*
*Variation Forecast Intake Turnover Period 8*
*Variation Forecast Intake Turnover Period 9*
*Variation Forecast Intake Turnover Period 10*
*Variation Forecast Intake Turnover Period 11*
*Variation Forecast Intake Turnover Period 12*
*Forecast Intake Margin Period 1*
*Forecast Intake Margin Period 2*
*Forecast Intake Margin Period 3*
*Forecast Intake Margin Period 4*
*Forecast Intake Margin Period 5*
*Forecast Intake Margin Period 6*
*Forecast Intake Margin Period 7*
*Forecast Intake Margin Period 8*
*Forecast Intake Margin Period 9*
*Forecast Intake Margin Period 10*
*Forecast Intake Margin Period 11*
*Forecast Intake Margin Period 12*
*Forecast Intake Original Margin Period 1*
*Forecast Intake Original Margin Period 2*
*Forecast Intake Original Margin Period 3*
*Forecast Intake Original Margin Period 4*
*Forecast Intake Original Margin Period 5*
*Forecast Intake Original Margin Period 6*
*Forecast Intake Original Margin Period 7*
*Forecast Intake Original Margin Period 8*
*Forecast Intake Original Margin Period 9*
*Forecast Intake Original Margin Period 10*
*Forecast Intake Original Margin Period 11*
*Forecast Intake Original Margin Period 12*
*Forecast Intake Variation Margin Period 1*
*Forecast Intake Variation Margin Period 2*

*Forecast Intake Variation Margin Period 3*
*Forecast Intake Variation Margin Period 4*
*Forecast Intake Variation Margin Period 5*
*Forecast Intake Variation Margin Period 6*
*Forecast Intake Variation Margin Period 7*
*Forecast Intake Variation Margin Period 8*
*Forecast Intake Variation Margin Period 9*
*Forecast Intake Variation Margin Period 10*
*Forecast Intake Variation Margin Period 11*
*Forecast Intake Variation Margin Period 12*
*Forecast Intake Margin Percentage Period 1*
*Forecast Intake Margin Percentage Period 2*
*Forecast Intake Margin Percentage Period 3*
*Forecast Intake Margin Percentage Period 4*
*Forecast Intake Margin Percentage Period 5*
*Forecast Intake Margin Percentage Period 6*
*Forecast Intake Margin Percentage Period 7*
*Forecast Intake Margin Percentage Period 8*
*Forecast Intake Margin Percentage Period 9*
*Forecast Intake Margin Percentage Period 10*
*Forecast Intake Margin Percentage Period 11*
*Forecast Intake Margin Percentage Period 12*
*Forecast Intake Actual Margin Period 1*
*Forecast Intake Actual Margin Period 2*
*Forecast Intake Actual Margin Period 3*
*Forecast Intake Actual Margin Period 4*
*Forecast Intake Actual Margin Period 5*
*Forecast Intake Actual Margin Period 6*
*Forecast Intake Actual Margin Period 7*
*Forecast Intake Actual Margin Period 8*
*Forecast Intake Actual Margin Period 9*
*Forecast Intake Actual Margin Period 10*
*Forecast Intake Actual Margin Period 11*
*Forecast Intake Actual Margin Period 12*
*Work In Hand Turnover Period 1*
*Work In Hand Turnover Period 2*
*Work In Hand Turnover Period 3*
*Work In Hand Turnover Period 4*
*Work In Hand Turnover Period 5*
*Work In Hand Turnover Period 6*
*Work In Hand Turnover Period 7*
*Work In Hand Turnover Period 8*
*Work In Hand Turnover Period 9*
*Work In Hand Turnover Period 10*
*Work In Hand Turnover Period 11*
*Work In Hand Turnover Period 12*
*Work In Hand Margin Period 1*
*Work In Hand Margin Period 2*
*Work In Hand Margin Period 3*

*Work In Hand Margin Period 4*
*Work In Hand Margin Period 5*
*Work In Hand Margin Period 6*
*Work In Hand Margin Period 7*
*Work In Hand Margin Period 8*
*Work In Hand Margin Period 9*
*Work In Hand Margin Period 10*
*Work In Hand Margin Period 11*
*Work In Hand Margin Period 12*
*Work In Hand Margin Percentage Period 1*
*Work In Hand Margin Percentage Period 2*
*Work In Hand Margin Percentage Period 3*
*Work In Hand Margin Percentage Period 4*
*Work In Hand Margin Percentage Period 5*
*Work In Hand Margin Percentage Period 6*
*Work In Hand Margin Percentage Period 7*
*Work In Hand Margin Percentage Period 8*
*Work In Hand Margin Percentage Period 9*
*Work In Hand Margin Percentage Period 10*
*Work In Hand Margin Percentage Period 11*
*Work In Hand Margin Percentage Period 12*
*Receipts Period 1*
*Receipts Period 2*
*Receipts Period 3*
*Receipts Period 4*
*Receipts Period 5*
*Receipts Period 6*
*Receipts Period 7*
*Receipts Period 8*
*Receipts Period 9*
*Receipts Period 10*
*Receipts Period 11*
*Receipts Period 12*
*Unallocated Receipts*
*Payments Period 1*
*Payments Period 2*
*Payments Period 3*
*Payments Period 4*
*Payments Period 5*
*Payments Period 6*
*Payments Period 7*
*Payments Period 8*
*Payments Period 9*
*Payments Period 10*
*Payments Period 11*
*Payments Period 12*
*Unallocated Payments*
*Position Period 1*
*Position Period 2*

*Position Period 3*

*Position Period 4*

*Position Period 5*

*Position Period 6*

*Position Period 7*

*Position Period 8*

*Position Period 9*

*Position Period 10*

*Position Period 11*

*Position Period 12*

*Unallocated Cash Position*

*Additional Unapproved Variations Period 1*

*Additional Unapproved Variations Period 2*

*Additional Unapproved Variations Period 3*

*Additional Unapproved Variations Period 4*

*Additional Unapproved Variations Period 5*

*Additional Unapproved Variations Period 6*

*Additional Unapproved Variations Period 7*

*Additional Unapproved Variations Period 8*

*Additional Unapproved Variations Period 9*

*Additional Unapproved Variations Period 10*

*Additional Unapproved Variations Period 11*

*Additional Unapproved Variations Period 12*

*Forecast Intake For Unapproved Variations Forecast*

*Forecast Intake For Unapproved Variations Period 1*

*Forecast Intake For Unapproved Variations Period 2*

*Forecast Intake For Unapproved Variations Period 3*

*Forecast Intake For Unapproved Variations Period 4*

*Forecast Intake For Unapproved Variations Period 5*

*Forecast Intake For Unapproved Variations Period 6*

*Forecast Intake For Unapproved Variations Period 7*

*Forecast Intake For Unapproved Variations Period 8*

*Forecast Intake For Unapproved Variations Period 9*

*Forecast Intake For Unapproved Variations Period 10*

*Forecast Intake For Unapproved Variations Period 11*

*Forecast Intake For Unapproved Variations Period 12*

*Original Contract Actual Margin Intake Period 1*

*Original Contract Actual Margin Intake Period 2*

*Original Contract Actual Margin Intake Period 3*

*Original Contract Actual Margin Intake Period 4*

*Original Contract Actual Margin Intake Period 5*

*Original Contract Actual Margin Intake Period 6*

*Original Contract Actual Margin Intake Period 7*

*Original Contract Actual Margin Intake Period 8*

*Original Contract Actual Margin Intake Period 9*

*Original Contract Actual Margin Intake Period 10*

*Original Contract Actual Margin Intake Period 11*

*Original Contract Actual Margin Intake Period 12*

*Actual Margin Intake From Variation Period 1*

*Actual Margin Intake From Variation Period 2*

*Actual Margin Intake From Variation Period 3*

*Actual Margin Intake From Variation Period 4*

*Actual Margin Intake From Variation Period 5*

*Actual Margin Intake From Variation Period 6*

*Actual Margin Intake From Variation Period 7*

*Actual Margin Intake From Variation Period 8*

*Actual Margin Intake From Variation Period 9*

*Actual Margin Intake From Variation Period 10*

*Actual Margin Intake From Variation Period 11*

*Actual Margin Intake From Variation Period 12*

*Target Margin Period 1*

*Target Margin Period 2*

*Target Margin Period 3*

*Target Margin Period 4*

*Target Margin Period 5*

*Target Margin Period 6*

*Target Margin Period 7*

*Target Margin Period 8*

*Target Margin Period 9*

*Target Margin Period 10*

*Target Margin Period 11*

*Target Margin Period 12*

*Target Margin Percentage Period 1*

*Target Margin Percentage Period 2*

*Target Margin Percentage Period 3*

*Target Margin Percentage Period 4*

*Target Margin Percentage Period 5*

*Target Margin Percentage Period 6*

*Target Margin Percentage Period 7*

*Target Margin Percentage Period 8*

*Target Margin Percentage Period 9*

*Target Margin Percentage Period 10*

*Target Margin Percentage Period 11*

*Target Margin Percentage Period 12*

*Target Receipts Period 1*

*Target Receipts Period 2*

*Target Receipts Period 3*

*Target Receipts Period 4*

*Target Receipts Period 5*

*Target Receipts Period 6*

*Target Receipts Period 7*

*Target Receipts Period 8*

*Target Receipts Period 9*

*Target Receipts Period 10*

*Target Receipts Period 11*

*Target Receipts Period 12*

*Unallocated Target Receipts*

*Target Payments Period 1*

*Target Payments Period 2*
*Target Payments Period 3*
*Target Payments Period 4*
*Target Payments Period 5*
*Target Payments Period 6*
*Target Payments Period 7*
*Target Payments Period 8*
*Target Payments Period 9*
*Target Payments Period 10*
*Target Payments Period 11*
*Target Payments Period 12*
*Unallocated Target Payments*
*Target Position Period 1*
*Target Position Period 2*
*Target Position Period 3*
*Target Position Period 4*
*Target Position Period 5*
*Target Position Period 6*
*Target Position Period 7*
*Target Position Period 8*
*Target Position Period 9*
*Target Position Period 10*
*Target Position Period 11*
*Target Position Period 12*
*Unallocated Target Cash Position*

## BFMGLJournalListing

### Description

*Documentation for this web service is incomplete.*

### Passed Parameters

#### Token                                                    Mandatory

This is the token that you received when validating your credentials using the GiveMeAToken web service.

#### WorkId                                                   Mandatory

The 3 digit work id number.

| | |
|---|---|
| *AccountingPeriod* | *Mandatory* |
| *Job* | *Optional* |
| *CostCode* | *Range* |
| *CostType* | *Range* |
| *ScheduleType* | *Optional* |

**Response fields**

*Sequence Number*
*Record Type*
*General Ledger Account*
*Journal Batch Type*
*Description*
*Job*
*Cost Code*
*Cost Type*
*Resource Code*
*Quantity*
*Rate*
*Amount*
*Schedule Type*
*Schedule Detail Line Number*
*Cash Transaction*

## BFMVariationSummaryListing

**Description**

This web service provides a summary of variations for a job as at a particular accounting period. This service only works if you are using the Business Forecasting Module.

**Passed Parameters**

| | |
|---|---|
| *Token* | *Mandatory* |

This is the token that you received when validating your credentials using the GiveMeAToken web service.

| | |
|---|---|
| *WorkId* | *Mandatory* |

The 3 digit work id number.

| | |
|---|---|
| *AccountingPeriod* | *Mandatory* |

The accounting period in JAN17 format

| | |
|---|---|
| *Job* | *Mandatory* |

The 6 character job code

**Response fields**

*Status*
*Variation Count*
*First Indicated*

*Submitted*
*Transferred*
*Additional Variations*
*Job To Date Variation Total*
*Work In Progress*
*Over Under Claims*
*Forecast This Month Variation Total*

## BFMVariationItemListing

### Description

This web service differs from the variation item listing in that it is period based and can only be used if you are using the Business Forecasting Module.

### Passed Parameters

**Token**                                                   **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**                                                  **Mandatory**

The 3 digit work id number.

**AccountingPeriod**                                        **Mandatory**

The accounting period in JAN17 format

**Job**                                                     **Mandatory**

The 6 character job code

**VariationNumber**                                         **Range**

A range of variation numbers

### Response fields

*Variation Item Number*
*Status*
*Cost Code*
*Cost Type*
*Order Type*
*Order*
*Order Item*
*Budget Quantity*
*Subcontract Adjustment Number*
*Budget Unit Of Measure*
*Budget Rate*
*Budget Value*
*Forecast Quantity*
*Forecast Unit Of Measure*
*Forecast Rate*
*Forecast Value*
*Already Pending*
*Take Up Cost*

*Approved Date*
*Approved Price*
*Assessed*
*Estimated Price*
*Notified Date*
*Project Managers Worksheet Flag*
*Proceed Quote Flag*
*Received  Date*
*Received Price*
*Site Reference*

## Other BFM APIs

- BFMPackageListing
- BFMAccountListing
- RiskAndOpportunityDetailsListing

# Other Web Services

## CreateANewJobUserDefinedField

### Description

This web service allows you to create a new job user defined field.  This is a PUT service.

### Passed Parameters

**Token**          **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**          **Mandatory**

The 3 digit work id number.

**Job**          **Mandatory**

**UserDefinedFieldNumber**          **Mandatory**

**AccountingPeriod**          **Mandatory**

JAN99 format

**UserDefinedFieldValue**          **Optional**

**Data**          **Optional**

### Response fields

### Passed Parameters

**Token**          **Mandatory**

This is the token that you received when validating your credentials using the GiveMeAToken web service.

**WorkId**          **Mandatory**

The 3 digit work id number.

| | |
|---|---|
| **Job** | **Mandatory** |
| **Debtor** | **Optional** |
| **Division** | **Optional** |
| **Description** | **Optional** |
| **AddressLine1** | **Optional** |
| **AddressLine2** | **Optional** |
| **Suburb** | **Optional** |

| | |
|---|---|
| *PostCode* | *Optional* |
| *PhoneNumber* | *Optional* |
| *Contact* | *Optional* |
| *Country* | *Optional* |
| *FaxNumber* | *Optional* |
| *JobType* | *Optional* |
| *StartingDate* | *Optional* |
| *DateAccepted* | *Optional* |
| *QuoteDate* | *Optional* |
| *CompletionDate* | *Optional* |
| *Price* | *Optional* |
| *Retention* | *Optional* |
| *MaximumRetention* | *Optional* |
| *ConstructionManager* | *Optional* |
| *SiteManager* | *Optional* |
| *Administrator* | *Optional* |
| *SiteSupervisor* | *Optional* |
| *Estimator* | *Optional* |
| *SalesPerson* | *Optional* |
| *QAOfficer* | *Optional* |
| *OrderNo* | *Optional* |
| *UserDefinedField1* | *Optional* |
| *UserDefinedField2* | *Optional* |
| *MarketSegment* | *Optional* |
| *Terms* | *Optional* |
| *SkeletonJob* | *Optional* |

**Response fields**

## Other General APIs

- UserDefinedFieldDefinitionListing
- UserDefinedFieldValidValueListing
- JobUserDefinedFieldListing
- ExtendedDescriptionListing
- UserAlertListing
- WorkTypeListing
- ContextForSharepointDocument
- JobBondsAndGuaranteeListing
- LocationListing
- UpdateDatabaseBIFolder
- CreateANewDebtorsInvoiceUpload
- TSJobPost
- MarkERPBatchAsReceived
- MarkERPBatchAsReceiptSent
- MarkERPBatchAsAccepted