



VOSS MIGRATE

Fast and efficient migration and on-boarding of large volumes of users, devices, and services to the latest UC solutions.

Migration, Transformation and Change

Migration is transformational, and extremely challenging.

Large volumes of users, devices and services must be moved – along with large volumes of associated configuration and service data.

Attempting this manually or with bulk loading is fraught with danger: errors are made, there is too much data to be checked and correlated, and the process is slow. Long freeze periods are required, the migration becomes unnecessarily complex, and resolving user issues leads to significant post-migration costs



M I G R A T I O N S C E N A R I O S



UCaaS Providers:

- Migrate to latest UCaaS version
- On-board new customers



Managed Service Providers:

- Consolidate legacy solutions
- Migrate legacy TDM to latest UC



Enterprises:

- Migrate from on-premises to cloud solution
- Move to Cisco Webex or Microsoft Teams



Bulk MACD Support:

- Site moves or site dial plan upgrades
- Changes to numbering plans

VOSS MIGRATE

Benefits

- ✓ Delivers a better and more controlled customer migration experience with a faster time to benefit
- ✓ Provides high levels of automation around the migration process, increasing accuracy and confidence – with the option to fully audit the data and process
- ✓ Improves efficiency and reduces the demand on internal, skilled, and scarce technical resources
- ✓ Reduces risk by implementing a predictable, robust based migration process
- ✓ Avoids serious outages resulting from errors and misconfiguration
- ✓ Improves planning thorough deep data analysis and quality review processes
- ✓ Protects data security and integrity through access control, audit logging and robust database storage
- ✓ Provides flexibility to cater for a wide range of customer-specific migration scenarios and requirements
- ✓ Integrates with existing business processes and approvals.

The case for VOSS Migrate

VOSS enabled migrations accelerate time to revenue, save money, minimize business impact and reduce errors

Recent VOSS Migration –
30,000 Users & 1,100 sites:

- 4 months actual time versus 6 months projected for manual migration
- 3.75 FTEs vs. 7.5 planned
- **~\$500,000 savings**
- **290% ROI**
- 2 months additional revenue
- Reduced risk and project delays



Automate mass data management processes, typically the largest cost when migrating.

How it works

VOSS Migrate rapidly and efficiently migrates large volumes of users, devices and services to the latest UC solutions available. VOSS Migrate works with a wide variety of voice and UC platforms to migrate your data: from an older UC solution release to a newer version, or from a legacy PBX infrastructure to the latest cloud-based solution, or from on-premises to a hybrid UC solution. It is available to service providers and enterprises or government organizations to reduce the time, cost, risk, and pain associated with large migrations.

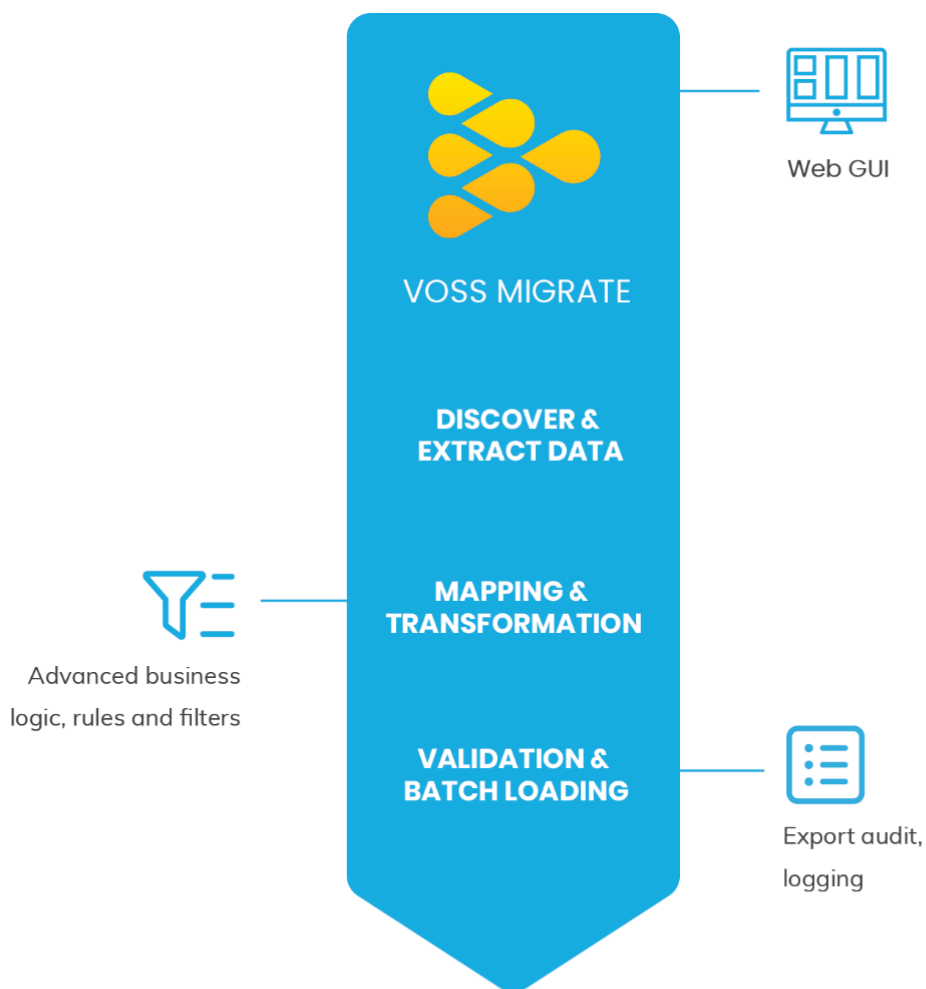
VOSS Migrate can be delivered as a product for use by providers and enterprise organizations, or as part of a managed service package whereby the full migration is managed and delivered by VOSS Global Services.

VOSS Migrate is available both in the cloud and can also be installed on-premises as a single virtual machine and connected to both the source (where users are being migrated from) and target (where users are being migrated to) platforms.

SOURCE PLATFORMS



CSV / Excel file | LDAP or Active Directory | Legacy UC / PBX



TARGET PLATFORMS



3rd Party

VOSS MIGRATE

Technical Details

Web portal

VOSS Migrate provides an intuitive web portal to allow project teams to control their migration projects and to review data before loading into the target platform. The web portal is password protected and these credentials control which projects a particular login has access to.

Migration approach

D-E-T-V-L

The VOSS Migrate methodology is a DETVL approach that automates the processing of large amounts of user and service data, with high rates of accuracy, using the following steps:

- Discovery – legacy PBX discovery and export (multi-vendor)
- Extract – data extraction, clean, and normalization
- Transform – data transformation and enrichment
- Validation – review and edit
- Load – batch migration

Project containers

For efficiency and rapid project start-up, one instance of VOSS Migrate can be used for several migration projects, each managed by a separate team. The data and settings related to each project are managed separately and access is controlled through RBAC (role-based access control) settings.

Discovery and extraction

VOSS Migrate is designed for deep data discovery and audit, extracting from multiple sources to capture all pertinent data. This step is essential for planning and design and can be completed without impact to users. A sampling of typical data extracted from the source platform includes:

User data	Phone data	Lines
Hunt groups	Pickup groups	Line groups
Call forwards	Speed dials	Line labels
Dial plan	Partitions	E164 number plan
Voicemail	LDAP sync	CSS / COS / profiles
Analogue ports	Gateways	SNR (single no. reach)
EM (hot desking)	Soft keys	Button templates

Review and edit

Once extracted, the data can be cleaned, updated, and viewed from the VOSS Migrate web portal. If required, these views can be exported for offline review, audit, and sign-off, before proceeding with the migration process.

Transaction & change log

All migration activity is recorded in the VOSS Migrate transaction log to provide a full audit and traceback capability. This log also provides mechanisms to rapidly identify issues encountered during a batch migration for fast resolution.

Access control

Access to VOSS Migrate is controlled using secure admin credentials and these in turn are associated with comprehensive RBAC role profiles.

Technical Details

Mapping, transformation, validation and loading

Business rules and logic are applied to clean, modify, and enrich the data in preparation for migration. Manual data tasks are automated. Data currency issues are reduced through regular loading/refreshing of the imported data. Once transformed, the data is reviewed and edited through the VOSS Migrate browser-based interface. This real-time validation is superior to spreadsheet data reviews for ease of use and accuracy. Validation ensures data-integrity prior to loading.

- Rules-based normalization, transformation, and filtering of data
- Data editing via user interface with search, sort and filter functions
- Validation against target schema to highlight invalid data
- Excel 'direct load' format to support mass changes and updates

Automated batch-based loading moves the data into the target platform in preparation for a site cutover. The target platform is normally the VOSS Automate provisioning system and this in turn can provision into a variety of modern UC solutions. Loading into VOSS Automate is fast with several transactions running in parallel. Provisioning successes and failures are captured and logged for review.

Rules and filters

Standard Rules can be configured in VOSS Migrate to filter and transform the source data prior to loading into the target platform. VOSS Migrate includes a set of standard library rules; further rules can be configured for the project as required to meet the requirements of the migration process.

In addition, Advanced Rules can be provided by VOSS to meet the most demanding migration requirements. These rules are provided as scripts and are loaded into VOSS Migrate, becoming visible from the web portal.

Batching and scheduling

The migration process can be segmented into batches which are aligned with the cutover schedule. Each batch typically contains a nominated set of sites and these in turn contain users, devices, and associated services. During a migration, the process will normally be tested with a model office test site, followed by batches of live sites (of increasing size as the migration progresses).

VOSS Migrate provides full roll-back facilities of batches or individual sites in the case where issues are encountered during the migration process.

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