JELLYSPACE

MVP Program

A selected group of maximum **18** Aerospace & Defense suppliers (Tier 1 and below) are offered the opportunity to participate in our Beta program for an AI-Based Supply Chain Management platform. This platform is designed to open up global market opportunities, potentially increasing your revenue and expanding your network exponentially.

Participation Details

Offer: This program includes free onboarding, the development of one custom AI feature, and one year of free access to our platform.

Eligibility: Open to a maximum of **18** Aerospace, Space, Defense suppliers of any size.

Onboarding: Free, following an initial discussion and interview with your R&D | Management | Supply Chain team.

Commitment: No costs for the first year; option to deregister without any fees after the year ends.

Note: *The onboarding process includes a thorough interview to assess your supply chain business processes, current challenges, and data management practices. This is crucial for tailoring the platform to meet the specific needs of each supplier.*
We are currently in the development and onboarding phase with identified partners. If you are interested in participating, please reach out to schedule a call as soon as possible.
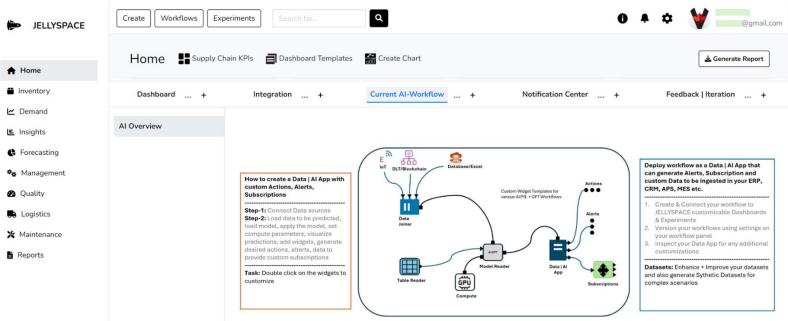
We look forward to helping you leverage AI to transform your Supply Chain operations.
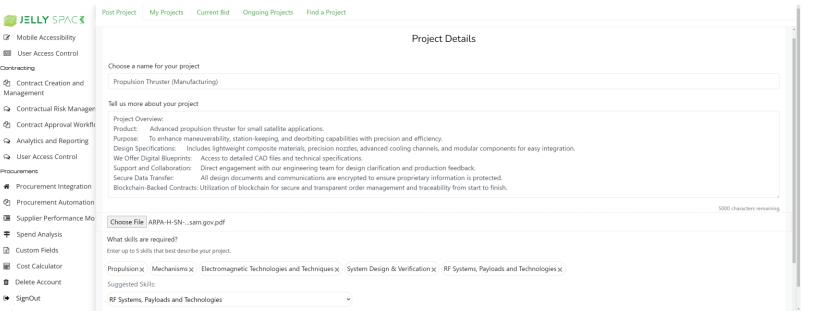
Contact

ams@jellyspace.ai

Sample AI-workflow

MVP-1 (PLANNING – SUPPLY CHAIN)

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Create | Workflows | Experiments   Search for...

Home   ▦ Supply Chain KPIs   ▤ Dashboard Templates   ⊞ Create Chart   ⬇ Generate Report

- 🏠 Home
- 📦 Inventory
- 📈 Demand
- 📊 Insights
- 📉 Forecasting
- ⚙ Management
- ✔ Quality
- 🚚 Logistics
- 🔧 Maintenance
- 📄 Reports

Dashboard ... +   Integration ... +   **Current AI-Workflow** ... +   Notification Center ... +   Feedback | Iteration ... +

AI Overview

How to create a Data | AI App with custom Actions, Alerts, Subscriptions

Step-1: Connect Data sources
Step-2: Load data to be predicted, load model, apply the model, set compute parameters, visualize predictions, add widgets, generate desired actions, alerts, data to provide custom subscriptions

Task: Double click on the widgets to customize

IoT   DLT/Blockchain   Database/Excel

Custom Widget Templates for various AI/ML + GPT Workflows

Data Joiner   Actions   Alerts

Table Reader   Model Reader   Data | AI App   Subscriptions

GPU   Compute

Deploy workflow as a Data | AI App that can generate Alerts, Subscription and custom Data to be ingested in your ERP, CRM, APS, MES etc.

1. Create & Connect your workflow to JELLYSPACE customizable Dashboards & Experiments
2. Version your workflows using settings on your workflow panel
3. Inspect your Data App for any additional customizations

Datasets: Enhance + Improve your datasets and also generate Sythetic Datasets for complex scenarios

MVP-2 (EXECUTION)

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Post Project | My Projects | Current Bid | Ongoing Projects | Find a Project

- ✎ Mobile Accessibility
- 🔲 User Access Control

Contracting
- Contract Creation and Management
- Contractual Risk Managen
- Contract Approval Workflo
- Analytics and Reporting
- User Access Control

Procurement
- Procurement Integration
- Procurement Automation
- Supplier Performance Mo
- Spend Analysis
- Custom Fields
- Cost Calculator
- Delete Account
- SignOut

Project Details

Choose a name for your project

Propulsion Thruster (Manufacturing)

Tell us more about your project

Project Overview:
Product: Advanced propulsion thruster for small satellite applications.
Purpose: To enhance maneuverability, station-keeping, and deorbiting capabilities with precision and efficiency.
Design Specifications: Includes lightweight composite materials, precision nozzles, advanced cooling channels, and modular components for easy integration.
We Offer Digital Blueprints: Access to detailed CAD files and technical specifications.
Support and Collaboration: Direct engagement with our engineering team for design clarification and production feedback.
Secure Data Transfer: All design documents and communications are encrypted to ensure proprietary information is protected.
Blockchain-Backed Contracts: Utilization of blockchain for secure and transparent order management and traceability from start to finish.

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What skills are required?
Enter up to 5 skills that best describe your project.

Propulsion ✕ | Mechanisms ✕ | Electromagnetic Technologies and Techniques ✕ | System Design & Verification ✕ | RF Systems, Payloads and Technologies ✕

Suggested Skills:
RF Systems, Payloads and Technologies

SCM-AI

Key Features

Comprehensive Risk Management: Identify, assess, and mitigate risks while leveraging insights to turn potential threats into strategic opportunities.
Advanced Sales and Demand Forecasting: Utilize AI-driven predictive analytics to anticipate future demand, enabling better sales planning and reducing uncertainty.
Enhanced Inventory Management: Optimize inventory levels with real-time data analytics, ensuring efficient stock management to avoid shortages or overstocking.
Streamlined Logistics and Operations: Plan and execute logistics with accuracy, reducing lead times and operational inefficiencies.
Predictive Maintenance & Asset Management: Employ predictive algorithms to maintain and manage assets proactively, reducing downtime and extending the life cycle of critical equipment.

Capabilities

Data Integration and Digitization: Connect and extract data from multiple sources, converting it into digital formats using tools such as OCR (Optical Character Recognition) and ViT (Vision Transformer) for seamless data ingestion.
SCM Scenario & Workflow Generation: Build detailed SCM workflows with predictive, diagnostic, prescriptive, descriptive, subscriptive, and generative analytics to address every aspect of the supply chain lifecycle.
Supply Chain Planning with Blockchain Security: Plan and monitor supply chain activities with the highest level of security using encrypted digital ledgers and blockchain technology, ensuring trust, transparency, and tamper-proof record-keeping.

Benefits

Increased Visibility and Control
Real-time insights provide full visibility across the supply chain, facilitating faster and data-driven decision-making.

Enhanced Efficiency
Reduce operational inefficiencies and optimize resource allocation by automating workflows and scenario generation.

Improved Security and Compliance
Safeguard sensitive data and transactions with blockchain-backed systems, ensuring compliance with industry regulations and standards.

Adaptability for Dual-Use Applications
The platform is versatile for dual-use cases, supporting aerospace, defense, additive manufacturing, and satellite production.

DIGITAL ACQUISITIONS

On-Demand Manufacturing Simplified: Streamline your production processes with "Digital Acquisitions," designed to facilitate on-demand manufacturing for Tier-1 and below suppliers and manufacturers.

Optimized for Critical Projects: Ideal for complex and high-value projects where precision, trust, and on-demand scalability are essential.

Secure Contract Management: Utilize encrypted digital ledgers and blockchain technology to manage and secure contracts for your manufacturing projects with enhanced transparency.

Next-Gen Technology Integration: Leverage state-of-the-art AI solutions integrated with blockchain to optimize supply chain decision-making and resource allocation.

End-to-End Supply Chain Visibility: Gain comprehensive oversight of your supply chain operations powered by AI and blockchain, ensuring accuracy and traceability throughout the process.

Support for Strategic Industries: Built with the specific needs of strategic industries in mind, facilitating projects from prototyping to large-scale manufacturing.

Dual-Use Applications: Tailored for critical industries including aerospace, defense, satellite manufacturing, propeller design, and additive manufacturing, supporting both commercial and defense sector needs.

Resilient and Transparent Operations: Achieve operational resilience with blockchain-driven insights, enhancing supplier reliability and project accountability.

Enhanced Compliance and Security: Ensure that all contracts and supply chain activities meet stringent industry standards with the reliability of blockchain-enabled data tracking.

Scalable and Adaptable Platform: A versatile tool that adapts to different manufacturing scales, from small custom projects to extensive production lines.