

JELLY SPACE

AI & DLT Powered

**PREDICTIVE & PRESCRIPTIVE SUPPLY CHAIN
TOOL-SET**

Our Startup

Profile

JELLYSPACE is a pioneering startup at the forefront of revolutionizing the Space & Avionics Industry Supply Chain Management (SCM).

Established in 2024, we specialize in leveraging cutting-edge advanced Artificial Intelligence (AI) and Blockchain technology to optimize and secure the data transactions between Supply Chain Tiers.

Vision

Our vision is to be the leading innovator in Space and Aerospace Supply Chain Management, fostering a more digitally connected, disintermediated, transparent, and efficient industry. We aim to support the evolution of Space Exploration, Aerospace/Supersonics and Satellite development with state-of-the-art technological solutions.

Core Services

- **AI-Driven Supply Chain Optimization**
Utilizing Machine & Deep Learning algorithms to enhance forecasting accuracy, streamline inventory management, and optimize logistics for Aerospace & Space related operations.
- **SCM-AI**
Provides classical and GPT-based workflows, experiments, and dashboards for analyzing supply chain scenarios, spanning research and development, design (mechanical, electrical, PCB), manufacturing, and production.
- **Blockchain-Based Security & Transparency**
Implementing homomorphic encrypted blockchain ledgers for zero-trust, data integrity, secure transactions, and transparent component tracking from production to deployment.
- **Customized Solutions**
Tailoring our technology to meet the specific needs of various Aerospace & Maritime projects, including satellite launches, Space station/ports maintenance, and commercial Space flights, etc.
- **Real-Time Monitoring & Analytics**
Offering 24/7 monitoring services with real-time data analytics for proactive decision-making and risk management in Dual-use operations.

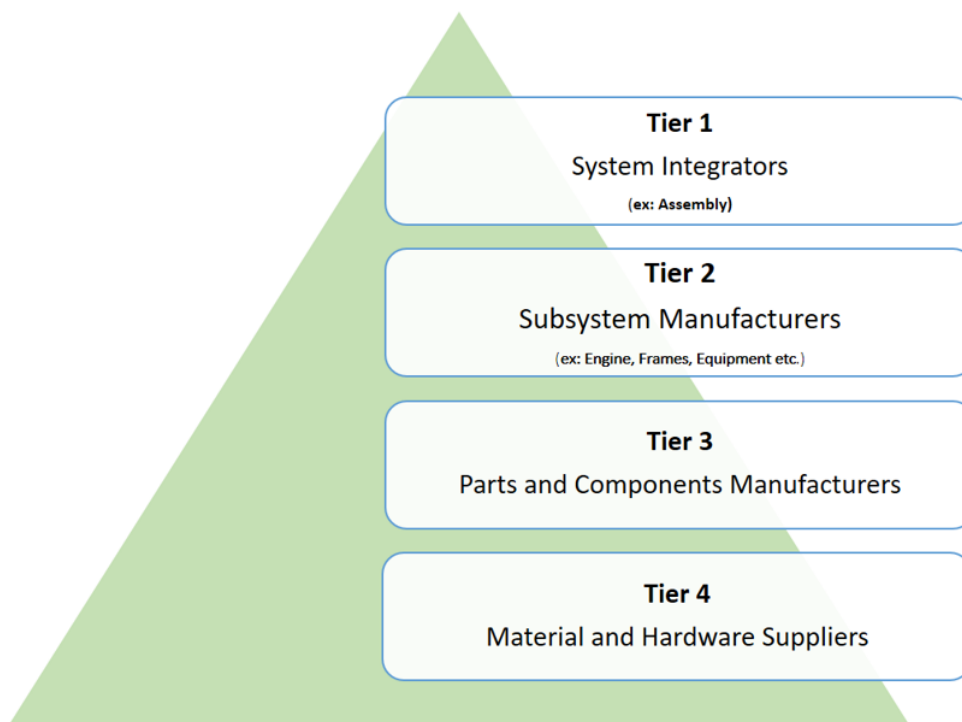
OUR PRODUCTS

- SCM-AI
- DIGITAL ACQUISITIONS
- IoT/SATELLITES
- MANUFACTURING
- LOGISTICS
- MAINTENANCE
- PRODUCT LIFE CYCLE
MANAGEMENT



MADE FOR DUAL USE-CASES

i.e. for Both **Private** & **Defense** organizations



Platform based on **NIST 800-171, CMMC > Level-3, FedRAMP, ENISA, GDPR** compliance

Innovation

JELLYSPACE leverages novel Multiple Machine Learning (ML) Models, Synthetic Data and Multimodal GPT Agent copilots that fetches data to-from Blockchain based ecosystem i.e. both on-chain, servers and cloud.

The ML Models & the GPTs can be accessed through secure Application Programming Interfaces (APIs) that are accessed and controlled through a Zero-Trust & Encrypted Digital Ledger assisted backend. These APIs can serve the following workflows:

AI-Enable Inventory Optimization	Sourcing with Market Intelligence
Supply Chain Visibility	Proactive Field Service
Automatic Sorting and Retrieval Systems	IoT track and trace
Supply Chain Digital Twins	Intralogistics Robotics

Our Clients

JELLYSPACE serves a wide range of clients, including international Space agencies, Maritime & Aerospace manufacturing companies, commercial airlines, and Satellite operators. Our solutions cater to both governmental and private sector needs in the Aircraft, Space industries and non-Space industries like Energy, Automotive, Telecommunications | Mobile, and Industrial Robotics etc.

Commitment to Sustainability

We are deeply committed to sustainable practices in the Aerospace & Space sector. Our AI and Blockchain solutions are designed to reduce waste, promote the use of eco-friendly materials, ensure ethical sourcing, ethical AI and compliance with global environmental standards. We are ITAR/EAR, EDA/CSDP, CMMC, FedRAMP, ENISA and GDPR Compliant.

Contact

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OUR FEATURES

- GPT Agents based Risk Opportunities & Threats (ROT) Assessment
- Intelligent Inventory Management
- AI based Sales & Demand forecasting
- Quality Control
- Predictive Maintenance & Asset Management