



# Customer Success Story

## Space Technology

## A Technology Research Institute Utilizes EIQ Platform To Power Satellite Communications



### Value Delivered

63%

Reduction in time lag between data transmission between satellite and ground stations

100%

Coverage of the data through continuous monitoring

86%

Improvement in process efficiency and autonomy of operations and control recordkeeping



### Challenge

The client sought to use automation & blockchain technology for satellite communication between ground and satellite nodes with the objective to establish a complete framework for distributed applications (e.g. DiFi- Distributed Finance, Global supply chain etc). They needed to transmit data securely between satellites and ground stations for time-sensitive tasks, while ensuring autonomous operations, record-keeping, and the resilience of platform to space communication challenges.



### How We Helped

- Designed an automated blockchain communication solution to ensure safety and security of the encrypted data being transmitted
- Seamlessly integrated the solution within the multi-sensor satellite architecture as well as logging and tracking of command and control events
- Built and implemented a scalable communication solution that can be used across satellite environments and handle large volumes of data transmission



### EIQ Features Used



Data Flows



Process Flows



Event Flows



Analytics and Reporting



Enterprise Connectors



Blockchain

# EQ Platform Overview

## End-to-End Intelligent Business Automation Platform



### Process Flows

Automate enterprise workflows and create seamless customer and user journeys quickly.



### Event Flows

Process and analyse events in real time to predict real-time threats and identify opportunities.



### Decision Automation

Simplify complex decision logic to make accurate decisions in changing business environments.



### Analytics and Reporting

Derive actionable insights for your business with robust analytics and present data in rich reports.



### Business Rules

Define and update business rules quickly with audit trails to identify and track changes.



### RPA

Leverage the power of non-intrusive, unified RPA



### Data Flows

Handle structured and unstructured data with an easy drag-and-drop functionality.



### ML Flows

Embed intelligence in the handling of process and data attributes using dynamic ML models.



### Enterprise Connectors

Integrate with business-critical systems quickly using pre-built and custom connectors.



### GenAI

Automate integrated text generation within process, data, or event flows using GenAI



### Multi-channel Apps

Create dynamic web and mobile applications with new or pre-built templates that can work online or offline.



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