

Global Network with Ship Borne Satellite Terminal for ISRO

High Availability Satellite Network with Diversity Paths

Customer Situation

- ISRO plans to launch MARS Mission by PSLV, The PSLV telemetry data is received in the Pacific Ocean and relayed to Mission Head Quarters by Ship Borne Terminal
- Mission critical network was to be setup from Pacific Ocean
- Diversity Paths and redundancy should be implemented
- Data and Voice was to be supported

Challenges

- Right Mix of Diverse path, Satellite Gateways and Fibre paths
- High Availability and Mission Critical Links.
- Stringent timeline for the project implementation.
- Coordinate across several Project Stake Holders.
- Manage regulatory compliance

Actions Taken

- Commedia choices of partners for fulfilling the requirement of the customer
- Successful import of the goods by coordinating with various agencies
- Successful Coordination across various partners
- Successfully installed orbit antennas & RF system and modems etc and completed integration

Results and Benefits

- Right choice of partners, Satellite Contours and solutions components
- Successful implementation of the solution
- Multiple paths and Diversity path, High Availability link
- Successful operation and maintenance of network
- A simple and flexible network design and implementation.
- Access to Commedia's Satellite head-end & RF expertise.

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