



PNRR Project – Task 1310-5 | Progetto: EMM – Earth Moon Mars Network infrastructure

Overview

The new antenna network infrastructure guarantees reliability, security, and high performance. This network integrates with the existing one, allowing access to current equipment and instrumentation while minimizing the generation of RFI (Radio Frequency Interference).

Technical specifications

- Redundancy of active equipment and fiber optic connections between network nodes
- Logical segmentation of the network into dedicated subnets.
- Use of certified shielded cabinets to minimize RFI generation.
- State-of-the-art equipment configured according to strict ASI (Italian Space Agency) security policies
- 10 Gbps connectivity between nodes

Applications

- Interconnection of new receiving equipment for control and monitoring purposes
- Antenna connectivity with the shielded room

Product Images

