

Data Sheet

Ground Station Integration Services

Overview

Callisto is able to offer competitive and effective service solutions in Ground Station Integration Services, based on over 20 years of experience in a wide range of ground station engineering projects worldwide.

Thanks to an integrated approach to our turnkey solutions covering antenna design, procurement, installation and support, Callisto is able to reduce complexity, risks and costs on behalf of our end-clients.

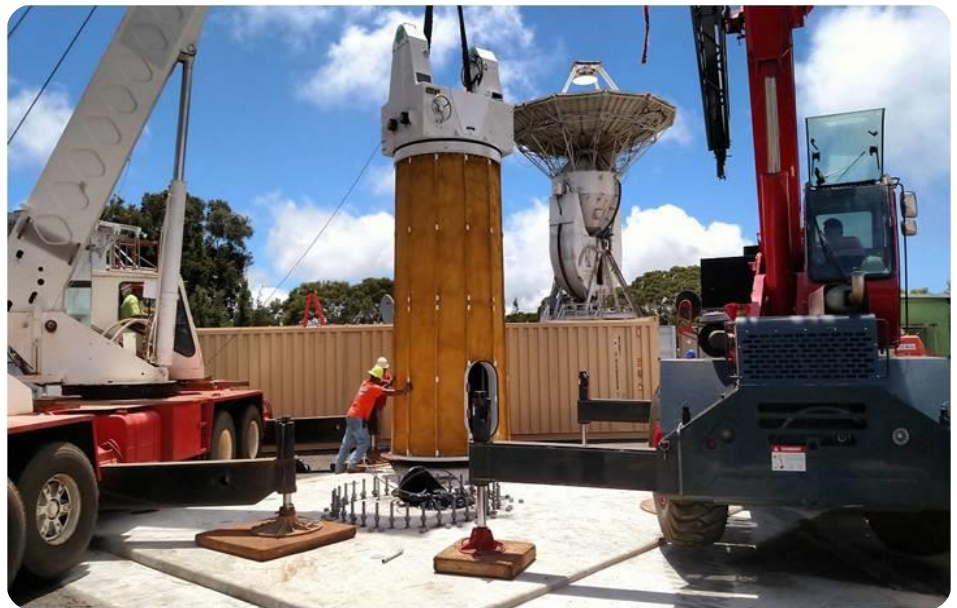
Independent Advice

Callisto is a small company which is totally independent of any equipment manufacturing company or Systems company.

This ensures that the client can depend on totally objective advice and analysis. The small size means that the client enjoys a fully dedicated service with flexibility to meet the client's requirements.

Range of Services

- **Design:**
 - Feasibility studies and budgetary planning studies.
 - Ground Station configuration analysis & specifications.
- **Procurement:**
 - Antenna System and RF equipment.
 - IF Equipment.
 - Base Band Equipment.
 - Monitoring & Control.
- **Installation:**
 - Site Survey.
 - Civil Work Supervision.
 - Site Supply Energy Design.
 - Installation, Mounting.
- **Support:**
 - Maintenance.
 - Technical Monitoring.
 - Training
 - Retrofit.
 - Upgrade.



Our Engagement

Our Focus On Client Success

Project Management Efficiency

- Understanding customer needs
- Proposal, trade off
- Project management for each milestone
- Full documentation
- Dedicated support during commissioning and roll out
- Commitment to QOS

- Achieving system readiness
- Maintaining demanding project schedules

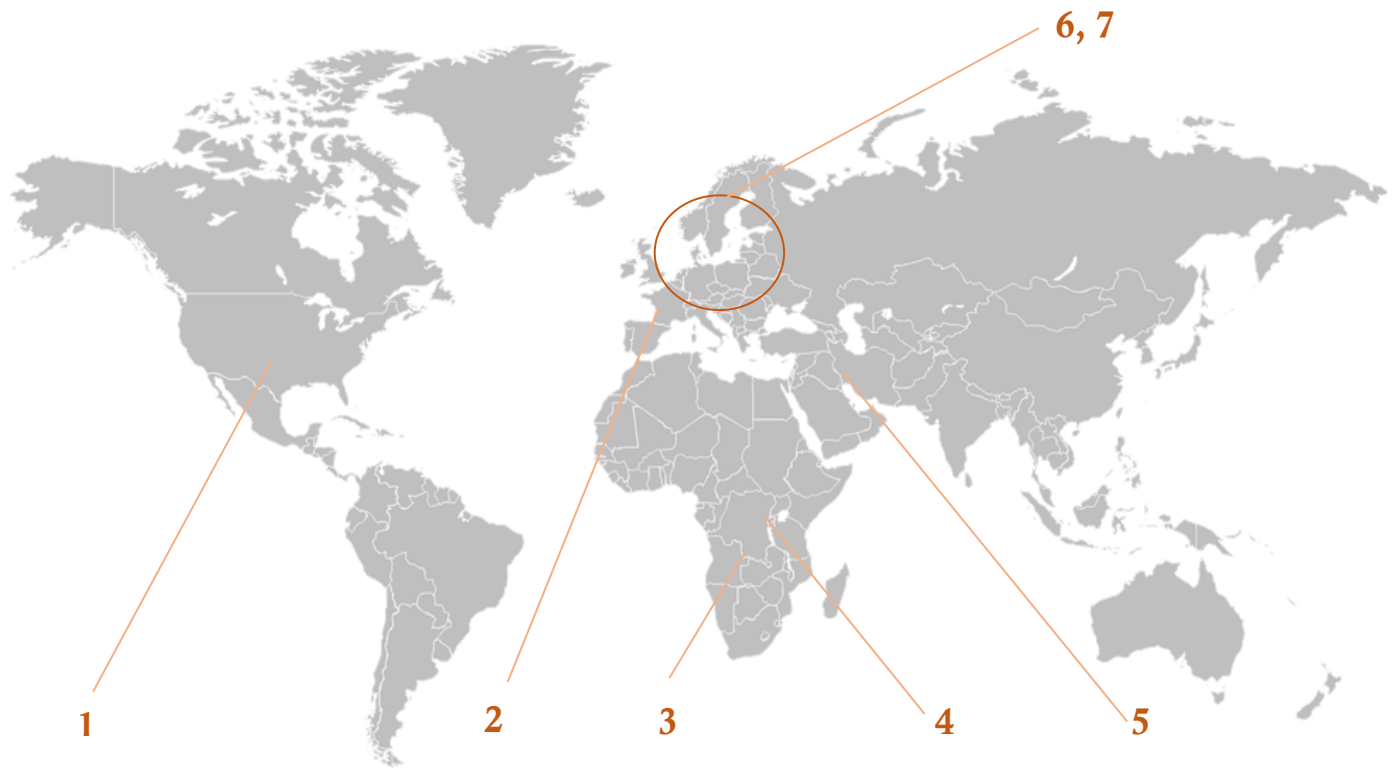
Link Availability Enhancement

- Improving performance & MTTR

Capex / Opex Budget Optimisation

- Enhancing EBITDA

More than 20 years of Experience – selection of past projects



- 1: Texas / USA / Installation and Commissioning / S&L Band 1.8m Orbital Systems / Mission: LEOP / IOT.
- 2 : Toulouse/France/Maintenance, Training, Retro fit/ C Band 5.5 m Alcatel/ Mission : LEOP/IOT, tracker, sat phone.
- 3: Gaborone/Botswana/Site Survey, Installation, Commissioning /C band 5.5 m Alcatel/ Mission: tracker, TT&C.
- 4: Kinshasa/Republic Democratic of Congo/ Ku Band 1.2m Vsat & C Band 2.4m / Mission: poc cell phone provider.
- 5: Doha/Qatar/ Ka Band 9m vertex/Mission: TV, radio
- 6: Eumetsat GS in Germany and Italy/ S&L Band TT&C and Mission/13m antennas /full systems/IOT
- 7. Eumetsat EPS in Svalbard/10m S/X/L/UHF antennas/TT&C and Mission/full systems/commissioning.

Client	MSG S/L Band	Eumetsat X/S/L/UHF Band	ESA X/Ka Band	Inmarsat	Meteosat L/S Band
Projects					
Upgrade	Feed		Antenna		
Specification	Antenna, RF, Baseband, M&C	All GS Systems	Antenna		All GS
Procurement	Antenna, RF, Baseband, M&C				All GS
FAT	Feed	CMCS	Feed		Ant, RF, BB
Test	All GS systems	TT&C, Mission payload, RF	RF acceptance	LEOP& RFCT	TT&C and System
Commissioning	Antenna, RF, System	Antenna, TT&C, RF			System
Ground Station: Support	Yes	Yes	Yes	Yes	Yes