



Harris Technical Services

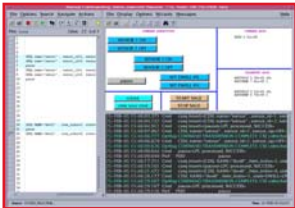
***Mission
Partnerships***

Satellite Command and Control Mission Partnerships

assuredcommunications™



Satellite Command and Control Mission Partnerships



Harris Technical Services Corporation's vision is to be our customer's "Mission Partner." Being a Mission Partner means that HTSC will tailor our products and services to meet your mission needs and not force our way of doing business on you. HTSC and OS/COMET® can meet all of your Satellite Command and Control mission requirements, regardless of your business model. HTSC has successfully used many partnership models with our customers, including:

- HTSC design, development, installation, and testing of complete turn-key systems
- Co-development of systems based on our OS/COMET COTS product suite
- Service agreements to assist in mission specific development
- OS/COMET COTS product and consulting agreements that allow you to develop systems based on our COTS products
- Engineering services agreements to make us an extension of your development organization

OS/COMET Enables Mission Partnerships

HTSC's "Mission Partnership" model is driven by the OS/COMET product suite's architecture and our interface philosophy. OS/COMET is a database-driven system, and it can support any satellite or mission type, while also providing proven scalability to support a large number of diverse satellites on a single system. OS/COMET's flexibility allows the tool to be

configured to meet your concept of operations on either a SOLARIS or LINUX system. OS/COMET's open interfaces and our robust API set allow the user to either develop or expand a system with your internal resources.

The OS/COMET product suite contains the base OS/COMET product plus additional tools to meet specific ground station functionality needs.

OS/COMET:

- Data Management
- Telemetry and Command Processing
- Memory Processing
- Data Visualization—Plots, Tabular, Graphics
- Language (Script) Processing
- Data Archival/Retrieval

OS/COMET Tools are available to meet specific command and control system functionality:

- GC/Tool—Ground Equipment Monitor and Control
- FA/Tool—Fault Detection and Resolution
- OA/Tool—Operations Automation using schedule execution interface
- AR/Tool—Archival and Retrieval Tool
- SIM/Tool—Satellite Simulator Tool Kit

OS/COMET also provides the benefits of life-cycle reuse. With OS/COMET, the reuse of databases, procedures, displays, and expertise minimizes technical risk and nonrecurring cost.

Success Stories

OS/COMET is a key component of:

Iridium Satellite® global telecommunications system, a network of 66 low Earth orbiting satellites. OS/COMET provides Iridium the software required for continuous ground monitoring, support, command, and control.



"Telesat is very pleased to be controlling MSAT1 and MSAT2 satellites with our new OS/COMET-based control system, which is significantly more advanced and dependable than its predecessor," said Frank Smith, director of Satellite Control Software for Telesat.



OS/COMET also provided the command and telemetry system platform for the Air Force's **Global Positioning System (GPS)**, encompassing a constellation of 24 satellites.

Harris Technical Services Corporation allows you to have complete control of your mission



Use your business model to determine the development level of:

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- Co-development of systems based on our OS/COMET COTS product suite
- Service agreements to assist in mission specific development
- OS/COMET COTS product and consulting agreements that allow you to develop systems based on our COTS products
- Engineering services agreements to make us an extension of your development organization

OS/COMET®

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