

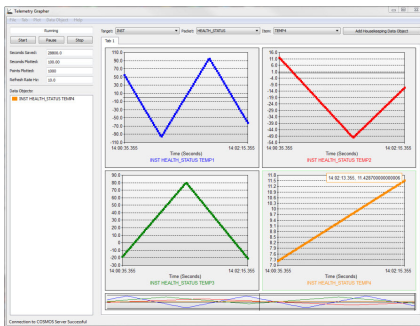


# COSMOS

COSMOS is an operations and test system that provides all the functionality needed to command and control any system from a complete satellite to an individual board. COSMOS is easier to configure and use, more cost-effective, and provides more functionality than any competing product.

## Advantages:

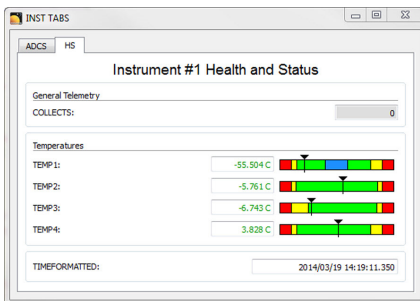
- **Full Lifecycle System:** Supports board level test, box level test, AI&T, and operations providing a *consistent user interface* throughout the full lifecycle of a product
- **Get Up and Running Fast:** Easy configuration gets your project up and running within days, not months
- **Cost Savings:** Simple setup and maintenance *reduce project costs*
- **Extensibility:** Modular design allows for connecting to any other system that provides an interface, from test equipment to deliverable products
- **Customizability:** Create custom tools and data visualizations using the same libraries used to build the provided 15 COSMOS applications
- **Compatibility:** Runs on *Windows, Linux, and Mac OSX* operating systems
- **Technically Advanced:** Built using modern, supported, open-source technologies



## Graphing:

- **Realtime and Offline:** Processes multiple telemetry points from the real-time telemetry stream or post-test from logs
- **Easy:** Rapidly select the desired telemetry mnemonics from drop down lists
- **Advanced:** Design and organize your data into multiple plots and across multiple tabs for consistent viewing by all users

## Telemetry Display:



- **Ready to Go:** Packet Viewer provides a display of telemetry values with no screen configuration required
- **Innovative Displays:** The Limits Bar Widget (shown left) allows the user to know where a telemetry point is within its limits range
- **Information On-Demand:** Right click menus provide detailed information on any telemetry point
- **Simple Setup:** Define custom telemetry screens using plain text configuration files

## Commanding and Scripting:

- **Integrated Tools:** Script execution, editing, and syntax checking *in one tool*
- **Easily Write Tests:** Easy script development aided by Command/Telemetry mnemonic code completion



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