

Tempest™ Universal Data Acquisition Server (DAS)



Tempest™ DAS is a proven product used by organizations all over the world to collect remote environmental data in real-time. Originally designed for the GOES DCS, we have expanded DAS to include 2-way communications with your remote stations using a variety of communication modes:

- ▶ Iridium (Direct-IP MO and MT)
- ▶ GPRS
- ▶ Modem/Serial
- ▶ Line-of-Sight Radio (LOS)
- ▶ Direct Network Connection
- ▶ SMS Text
- ▶ GOES DCS

DAS (formerly known as LRGS) now supports data reception via LRIT, DOMSAT, GOES-DRGS, NOAAPORT, GPRS, Iridium, Direct-IP, Radio, and Internet. It is a universal receiver that can provide unlimited local storage for your raw station data. It provides the de-facto standard DDS (DCP Data Service) network protocol for distributing data to your processing applications.

FEATURES

- ▶ Alarm & warning capability
- ▶ Real-time discharge calculations
- ▶ Multiple telemetry types, including Iridium
- ▶ Custom Web output with imbedded graphics
- ▶ Seamless integration with SatLink2 GOES Transmitter/Logger
- ▶ An outstanding array of software products for real-time data collection systems - the most comprehensive family of real-time data handling software products available.
- ▶ Any system needs from GPRS modem-based systems to country-wide GOES-based networks.
- ▶ Schedule outgoing sessions to your remote stations, or have smart loggers (such as Sutron's 9210) call into DAS on their own.
- ▶ Configure and control remote station. Use this feature to open/close gates, ring sirens, change collection intervals, set alarm limits, set the clock, etc.
- ▶ Tempest™ DAS also supports a pass-thru mechanism that connects Sutron's XTerm software to the remote station. Thus, you can have complete interactive monitoring and control of your stations without a site visit.
- ▶ Tempest™ DAS provides standard protocol DDS (DCP Data Service) for distributing collected data to your processing applications.
- ▶ DAS fully integrates with DECODES, and interfaces seamlessly with CWMS, ADAPS, HDB, Tempest Hydro-Met, etc.
- ▶ DAS is written in 100% Java so it will run on any modern computing platform (Linux, Windows™, Solaris™).
- ▶ We can provide a customized turn-key system or we can provide DAS software for you to install on your own equipment.

ORDERING	
9400-0001	Tempest DAS
9400-0100	Annual Maintenance Contract Required for updates and phone support

