

TEMPEST™ DAS

Universal Data Acquisition Server



2-Way Remote Hydro-Met Station Communications Using Iridium, GPRS, Modem/Serial, LOS, Direct Connection, SMS Text

The 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 the capabilities of the DAS to include 2-way communication to your remote stations in many ways:

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

The DAS also supports data-reception of satellite broadcasts such as GOES DCS (see separate brochure) and METEOSAT.

With the DAS you can **schedule outgoing sessions to your remote**

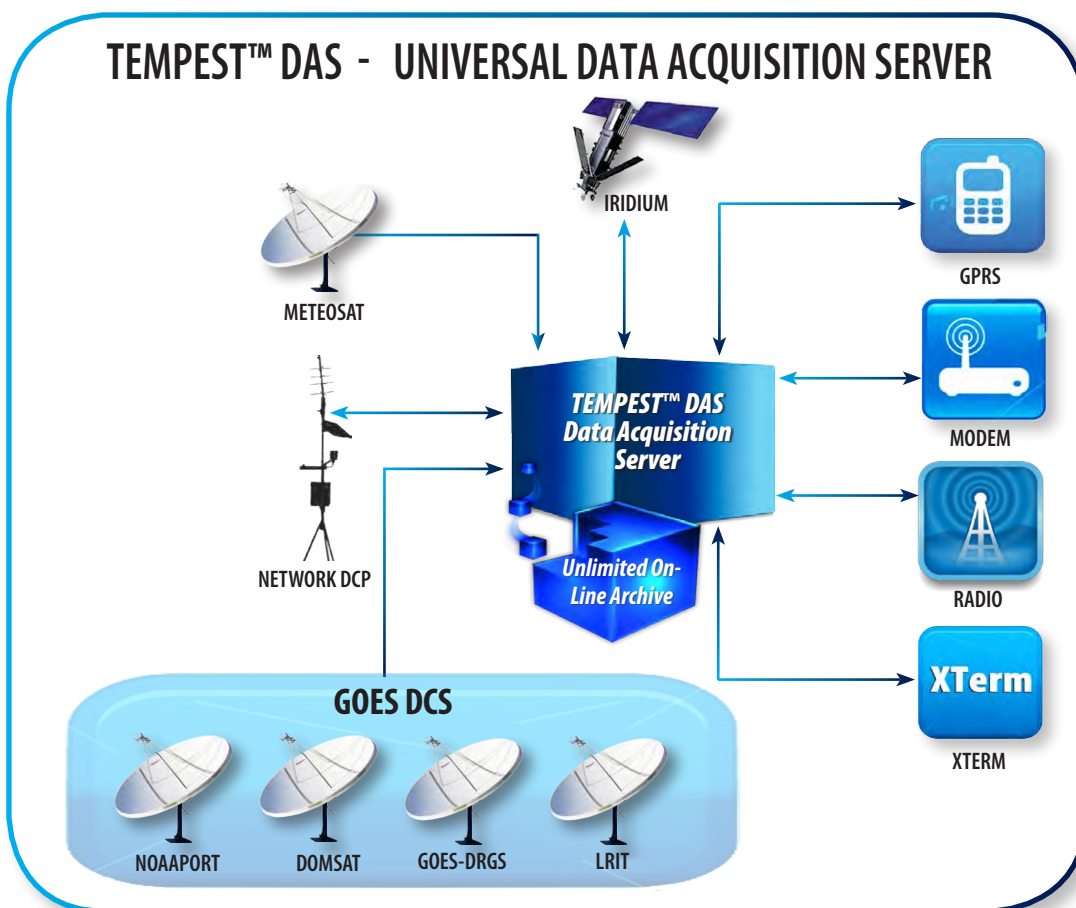
stations, or you can have smart loggers (such as Sutron's 9210) call into the DAS on their own.

During a session, in addition to collecting data, the **DAS can configure and control the remote station**. This can be used for opening/closing gates, ringing sirens, changing collection intervals, setting alarm limits, setting 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**.

The Tempest™ DAS provides the standard protocol DDS (DCP Data Service) for distributing collected data to your processing applications. DAS is fully integrated with DECODES. Thus it will interface seamlessly with CWMS, ADAPS, HDB, Tempest Hydro-Met, and other database products.

The DAS is written in 100% Java so it will run on any modern computing platform (Linux, Windows™, Solaris™). We can provide a turn-key system with any of the interfaces shown below. Or if you prefer, we can provide just the DAS software for you to install on your own equipment.



SUTRON