

# TEMPEST™ LRGS

## LOCAL READOUT GROUND STATION



2009

### TEMPEST™ LRGS RECEIVER FEATURES

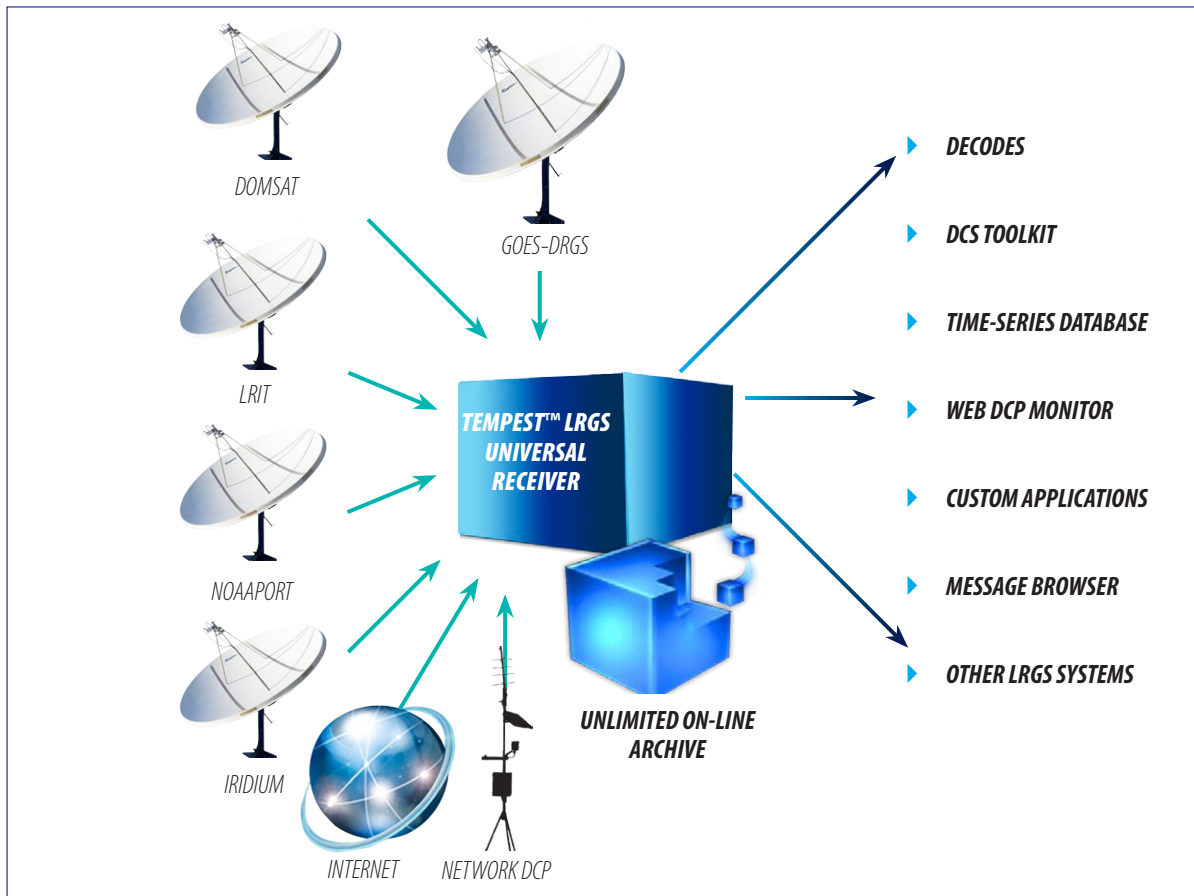
- ▶ Supported Inputs:  
DOMSAT, LRIT, GOES-DRGS, Internet, NOAAPORT
- ▶ Merge data from multiple interfaces according to user-settable priority scheme
- ▶ Storage limited only by disk capacity
- ▶ 100% Java (except for drivers for DOMSAT interface). Can run on any modern platform (Windows, Linus, Solaris)
- ▶ Compatible with Tempest™ DCS Toolkit, DECODES, Message-Browser, and any LRGS-CLIENT programs
- ▶ DDS (DCP Data Service), a standard network interface for receiving DCP data in real-time
- ▶ Receive and archive all or any subset of data from the GOES Data Collection System
- ▶ Many graphical tools for status monitoring, configuration, management, and data retrieval
- ▶ Selection of DCP messages by time, address, site name, network list of GOES channel

The Tempest™ LRGS is a proven product that supplies many federal, state, local, and private sector organizations with the ability to collect remote environmental data in real-time. The LRGS provides local storage of raw DCP data limited only by disk capacity.

With the Tempest™ LRGS, you can receive and archive data from any combination of input interfaces: DOMSAT, LRIT, GOES-DRGS, Internet-DDS, or NOAAPORT. Platform messages are merged according to a user-settable priority scheme for ultra-reliable data collection.

The Tempest™ LRGS provides the de-facto standard DDS (DCP Data Service) for distributing raw data to your processing applications. Your applications can run on the same machine as the LRGS, or over the network.

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



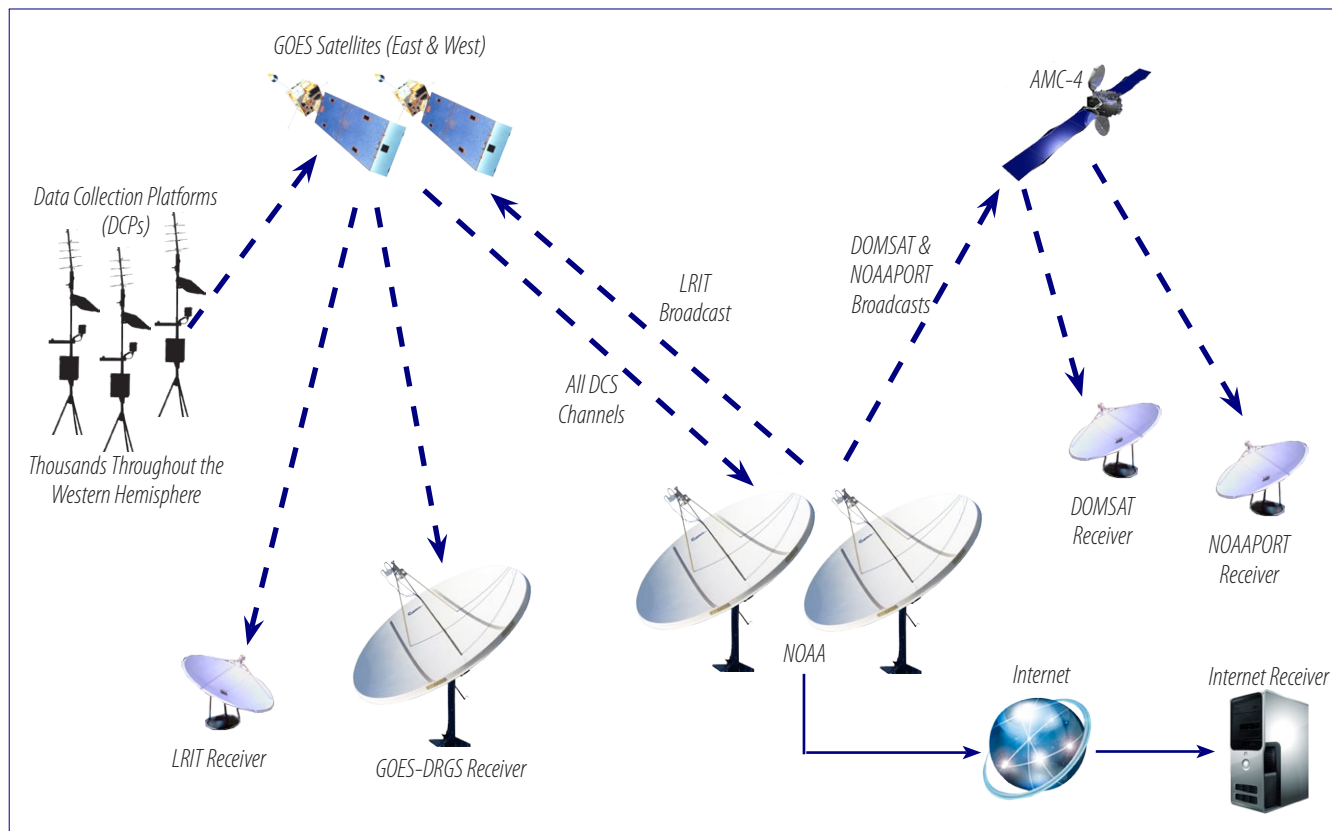
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There are many ways to retrieve your GOES DCP data. Tempest™ LRGs Receivers support DOMSAT, LRIT, Internet, GOES-DRGS and NOAAPORT. We can help you choose the right system to meet your needs.



### WHICH TEMPEST™ LRGs RECEIVE SYSTEM IS RIGHT FOR YOU?

	DOMSAT	LRIT	GOES	INTERNET	NOAAPORT	IRIDIUM
<b>TRANSMISSION DELAY</b>	A few seconds	Could be minutes	Immediate	A few seconds	A few minutes	Immediate
<b>GEOGRAPHIC COVERAGE</b>	Continental U.S.	Western Hemisphere	Western Hemisphere	The World	Continental U.S.	The World
<b>GOES CHANNEL COVERAGE</b>	All Channels	All Channels	Purchase demodulators for each channel	All Channels	Limited to DCPs Observed by NWS	N/A
<b>RELIES ON NOAA WALLOPS CDA?</b>	Yes	Yes	No	Depends on Source Server	Yes	No