



MISSION-PROVEN LIGHTNING AND TRANSIENT MONITORING FOR YOUR ASSETS

Jupiter - Transient Monitoring System

Lightning can infiltrate your power infrastructure and sensitive electromechanical systems in many ways. Direct lightning strikes to your facility or assets pose an obvious hazard, but nearby strikes can be equally damaging, particularly if lightning signals are strongly coupled into power and other utilities that enter your facilities.

SLS designed Jupiter TMS to reliably monitor, accurately measure, and quickly report lightning related transient signals that may compromise the integrity of your sensitive assets.



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FEATURES

- **Zero dead time recording with 100% transient detection efficiency**
- **Small, low-power, rugged, easily deployable**
- **Tested, proven immunity to real lightning electromagnetic effects**

CAPABILITIES

- **Accurate measurement of direct or coupled transients in a hostile lightning environment**
- **High bandwidth, high-fidelity current, voltage, and electromagnetic field measurements**
- **Near real-time alerts, reporting and characterization of recorded transient events**

SPECIFICATIONS

Power	Solar, AC
Communication	Cell, WIFI, or LAN
Channels	4 Analog Channels
Input	Balanced Differential
Input Range	+/- 1V Differential
Sampling Rate	125 MS/s
Resolution	14 bits
Memory	4 GB
Supported Sensor Types	Magnetic Field Sensors  Electric Field Sensors  Current Sensors Voltage Sensors