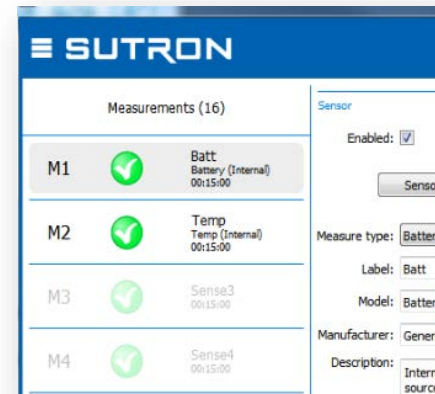# OTT Hydromet / Sutron - Introduction

Sutron's SatLink3 datalogger with built-in GOES satellite transmitter is especially designed for hydrology, meteorology and environment monitoring.

- Wi-Fi for operation with wireless devices

- Expanded measurements from 16 to 32

- Expanded SDI capacity with 2 independent SDI-12 inputs

- Optional cell/Iridium modems for redundant 2-way communications

- Expanded log from 120,000 to 1,000,000 readings

- Improved analog accuracy & additional analog channels

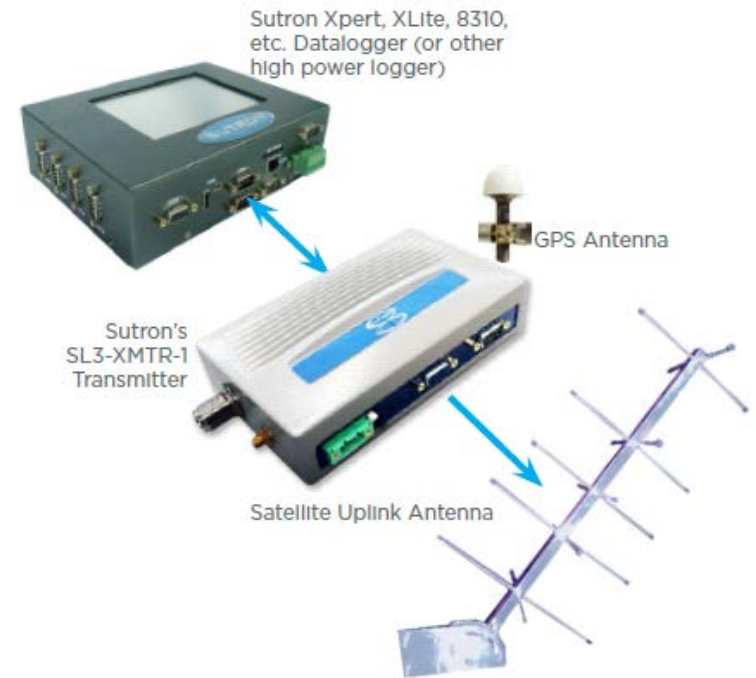- Certified for GOES, EUMETSAT 1200, and INSAT.

Linkcomm Mobile App

- Wi-Fi connection to Apple IOS or Android Device with supplied Linkcomm App.

Designed for GOES Satellite applications where an external data logger is needed…

Sutron Xpert, XLite, 8310, etc. Datalogger (or other high power logger)

GPS Antenna

Sutron's SL3-XMTR-1 Transmitter

Satellite Uplink Antenna

Two-way communication and alarm management for Sutron SatLink3
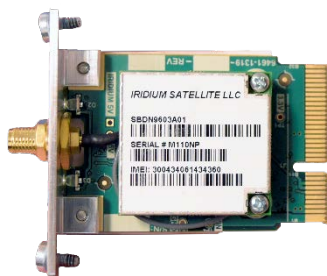with Cellular or Iridium Option Cards

Verizon LTE

iridium

SatLink3 supports GOES, Iridium, and Cellular transmission options all with one datalogger!

Full featured Transmitter/Logger (SL3-1)

SL3 in Enclosure with Display
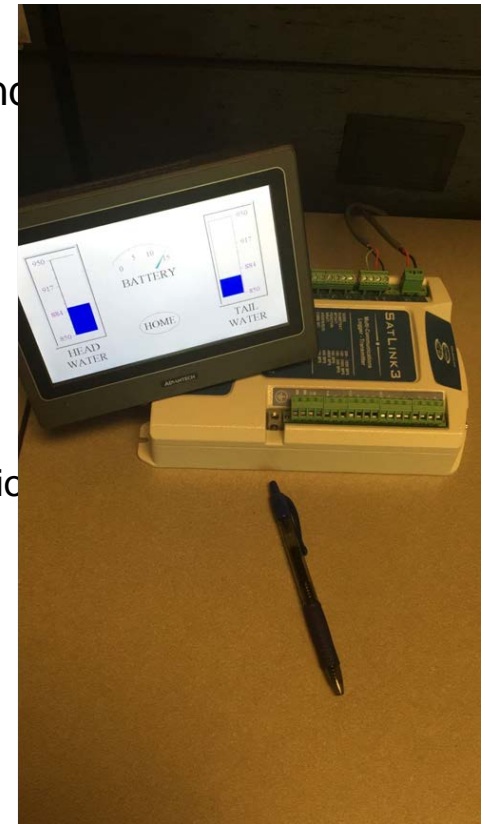SL3 in Enc with no Display

Transmitter only (SL3-XMTR-1)

Option modules
Iridium
Cellular
Programmable Voltage
Reference

SL3 Python Scripting Language

- Adds capability to SL3 to handle tasks that previously was not possible with a Satlink 2 or Satlink 3.

- Scripts may be written and tested on a PC and easily incorporated into the system.

- Supports 2 types of script applications: Measurement Scripts and Scheduled Scripts.

- Applications:
  - Alarm activities such as triggering samplers
  - Read and parse RS-232 sensors
  - Gate Control
  - Custom Transmit Formats
  - Special Calculations such as Sun Duration or Dew Point Calculation
  - Displays

GEO Antenna w/GPS

- **Supports any Geostationary Satellite**: GOES, METEOSAT, MSG, GMS, Domestic & International Channels

- **Built-in Active GPS antenna**

- **3dB beam width of 110^0** allows installation with minimal pointing.

- **High reliability in remote locations & extreme meteorological conditions**

Thank You !

| Presentation Title | Confidential