

HYDROPOWER PRODUCERS



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HYDROPOWER PRODUCERS NEED REAL-TIME DATA.

SUTRON DELIVERS.

Environmental concerns, water rights issues, safety requirements, decision support, optimization software..... All require real-time data to provide the greatest benefit to producers.

GETTING THE DATA **WHEN** YOU NEED IT

Sutron specializes in collecting and delivering remote data in your specified format because it's not real-time if you have to wait to use it.

Sutron remotes include:

- Low current operation
- Multiple telemetry multi-tasking
- MODBUS, ALERT, SSP and other protocols
- Built in HTTP server
- Alarm and control capabilities

Sutron remotes are used to collect water flow and water quality data from stream, river and canal gauges; reservoir pool, precipitation, and met stations; as well as in flood control systems, piezometer based dam safety systems and much more.

GETTING THE DATA **WHERE** YOU NEED IT

Sutron manufactures, designs, installs and operates many types of telemetry systems including, Geostationary Satellite, Commercial Satellite, LOS Radio, Modem, and Ethernet Systems.

GETTING THE DATA **THE WAY** YOU NEED IT

Sutron's XConnect Software is the solution to getting your data your way. XConnect is a fourth generation hydro-met data collection engine. XConnect and its predecessors are used to collect crucial operational data used to manage complete river systems such as the Colorado in the Western USA and the Mahanadie and Chambal River Basins in India; and individual hydropower projects in the USA and around the world.

XConnect provides data collection, real time calculations, viewing and web posting tools. Its open database architecture and flexible Export options make XConnect the perfect front-end data collection engine for your modeling software.

DATA HOSTING SERVICES -
OUTSOURCED DATA COLLECTION

Not ready to implement a data collection network on your own? Sutron can collect, decode, archive and deliver your data to you or post to the web; or install and operate your data collection network.



ID	Name	Description
001	Station List	Station List
002	Stage Flow for Today	Stage Flow for Today
003	Stage Flow for Yesterday	Stage Flow for Yesterday
004	Stage Flow in 3 Days	Stage Flow in 3 Days
005	Daily Stage Flow Statistics	Daily Stage Statistics for Station in 30 Days
006	Daily Flow Statistics	Daily Flow Statistics for Station in 30 Days
007	Stage Flow Graph	Stage Flow Graph for Selected Stations in 30 Days