

THE SUTRON ADVANTAGE



2009

**Highest ROI &
Lowest Life-Cycle Cost
of any Hydro-Met Systems
in the World**



CONSISTENCY & DEPENDABILITY SINCE 1975

Since 1975 Sutron Corporation has provided approximately 50,000 Automatic Hydro-Met Stations to 50 countries around the world. Because our systems and equipment are the highest quality (with the lowest power usage) available, our stations are known throughout the world for unparalleled levels of accuracy, reliability and longevity.

With proper maintenance a Sutron system will operate for over a decade, consistently supplying real-time hydrological and weather data to support forecasting, warning, planning and climatology study/analysis.

WORLD-WIDE EXPERIENCE

We have worked on every continent, and in every conceivable climate from tropical to arctic, regardless of humidity, temperature or environmental dangers. Moreover, each Sutron System Integrator has a degree in Electrical Engineering, extensive training in Meteorological and Hydrological Systems, and/or professional training in Electronics and Communications Systems. Sutron Systems Work!

TECHNICAL SUPERIORITY

Sutron's thorough knowledge of Hydro-Met Applications and comprehensive grasp of the latest technological advancements are the reason NOAA's National Ocean Service asked us to design its latest state-of-the-art Tide Stations. That's also why NOAA trusted only Sutron to design and manufacture its latest innovation in GOES Satellite Transmitters, DCP Command.

MODULAR, OPEN, EXPANDABLE, EASY-TO- UPGRADE HYDRO-MET SYSTEMS

When designing hydro-met systems, we always consider the possible future upgrade of each. We, therefore, take great care in designing a system that offers commonality of components and a uniform interface. Modular, open, distributed architecture allows the same core system to provide excellent performance regardless of the number of new sensors, field stations or base stations that might be added.

SUTRON

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ISO 9001



SUTRON DESIGNS & MANUFACTURES OUR OWN DATA LOGGERS & SATELLITE TRANSMITTERS

Sutron, a registered ISO 9001:2000 Company, not a 3rd party, engineers, designs and manufactures *in the USA* all of the Dataloggers and Satellite Transmitters used in our stations. Therefore, we are able to provide the most expedient repair in the industry. Other system providers who must buy equipment from 3rd parties simply cannot match our turn-around time for repairs.

Sutron delivers the fastest *direct, responsive after-sales support, repairs, and replacements for as long as our equipment is in operation.*

#1 CHOICE OF US GOVERNMENT HYDRO PROFESSIONALS

Sutron data loggers and transmitters have been the #1 choice of Federal Hydro Professionals for over three decades. As a result, our *station setups, utilities and data processing features are specifically designed to satisfy the data collection and control needs of hydrologists and hydraulics engineers.*

DEPTH OF EXPERIENCE WITH HYDROLOGICAL & METEOROLOGICAL SYSTEMS

Sutron's track record for under-budget, on-time delivery of hydro-met systems is the best in the industry worldwide And, our solid 34 years experience providing real-time hydrological and meteorological products, systems, software, and services, significantly enhanced by recent large system projects, sets Sutron apart. Our strategic real-time Systems maximize safety through these important features:

- ▶ Web-based networks (with option for *live video web-camera*)
- ▶ 100%-Reliable Automated Dial-Out Notification, Call-Out & Alarm Systems with user-selected parameters
- ▶ Remote Data Logger Access via PC or PDA & the Internet
- ▶ Scalable and easily integrated with existing station equipment
- ▶ Dynamic, real-time web-reports (graphical & tabular) rainfall/water levels, alarm status, trends, etc.
- ▶ Complete System Remote Diagnostics and Configuration
- ▶ Multiple LOG files to share data with multiple agencies
- ▶ Base Station Software to automatically collect and process data, generate alarms, etc.
- ▶ Real-time environmental data on demand, quality-verified and delivered automatically at user-set intervals, from the field to the web to your pc, pda or phone.
- ▶ Data at your fingertips and the most powerful open database system available for data collection, validation, processing, analysis & storage.

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