

XConnect Data Management Software



Real-Time Data from the Field to your Desktop

Solidly built on cutting edge relational database architecture, XConnect puts data at your fingertips & provides the most powerful open system available for data collection, data processing & data storage.

- ▶ Data collection, data processing, data validation & data storage with multiple options
- ▶ Running Windows®, it handles any & all RTU communications - simple to satellite - with instant desktop supervisory control (SCADA) & data access.
- ▶ Unlimited Reporting Products & Alarms including data view, graphs, trending, diagnostics, etc.
- ▶ Easy implementation & integration of future applications & existing system upgrades without the need for consulting dependency.
- ▶ XConnect collects & delivers remote data in **your specified format**
- ▶ Customer-designed hydro-met data collection at a fraction of the cost of in-house or alternative solutions. You save critical capital upfront & reduce support & expansion costs.
- ▶ Automated communications from server to all RTUs, no matter how remote
- ▶ Flexible & scalable relational database with multiple storage formats: PCBase2 Binary files, ODBC (Oracle®, Microsoft® Access), ASCII day files, and Microsoft® Excel, XML
- ▶ Unlimited Reporting Products & Alarms (graphs, trending, diagnostics, etc.)
- ▶ Real-time error detection flags - supports multiple alarm detection thresholds plus “no change” checks (e-mail & paging notification available)
- ▶ Real-time data processing (including table lookups) prior to data storage
- ▶ Communications diagnostics tools.
- ▶ Instant Implementation reduces connection time & expense & immediate improvement of data flow process
- ▶ Runs on any Windows® device with no additional configuration
- ▶ Unlimited Expandability
- ▶ Demonstrated project success
- ▶ Quality Flags - 2 alarm detection thresholds plus “no change” checks.
- ▶ Flexible Time Tags - can be set to the second.
- ▶ Communicates w/all Sutron RTUs. Optional historical data tables for post-processing, auto calculation & statistics storage - MIN, MAX, SUM, MEAN...



- ▶ Communications diagnostics tools
- ▶ Optional satellite message decoder module & utilities.
- ▶ COM servers allow 3rd party software link to data in real-time. XConnect modules used as servers for exchange of methods & data among popular programs & development environments. DDE protocol maintained.
- ▶ Automation I/O Server with support for OPC (OLE for Process Control).
- ▶ Works with most HMI applications such as Wonderware FactorSuite™ and IntellutioniFIX.
- ▶ All modules have intuitive GUIs & help files.
- ▶ XC Reports comes with a library of pre-defined time series & maintenance reports.
- ▶ Easily add reports of user's own design to XConnect Reports Library.
- ▶ Continued field & software support, maintenance, & technology advances long after the solution is launched with basic maintenance contract.

ORDERING XConnect Software Package Licenses

#9300-0000-1	XConnect Standard
#9300-0001-1	XConnect Satellite
#9300-0000-2	XConnect Standard with Database
#9300-0001-2	XConnect Satellite with Database
9300-0002-1	XConnect Toolkit

Details of Software Packages on next page.....

XConnect Standard 9300-0000-1

Baseline XConnect package for a conventional hydro-met systems that use telephones, radios, or direct connect cable communications. In conventional two-way systems XConnect sends a data request to the datalogger and the datalogger replies.

Programs Included	Data Storage Options
XC Desktop	PCBase2
XC Setup	Binary Files
XC Rtu	ASCII Log Files
XC RTDisplay	Excel Files
XC Dataview	XML Fi 9300

XConnect Standard with Database 9300-0000-2

XConnect Standard with Database includes all of XConnect Standard and expands the data storage options to include databases (Oracle® and MS Access®). Additional modules are included to assist the user in viewing and manipulating the data.

Programs Included	Data Storage Options
XC Desktop	PCBase2
XC Setup	Binary Files
XC Rtu	ASCII Log Files
XC RTDisplay	Excel Files
XC DataView	XML Files
XC Reports	Oracle®
XC PostProc	MS Access®
XC Calc 9300	

XConnect Toolkit 9300-0002-1

XConnect Toolkit includes add-on utilities.

Utilities Included	
XC Export	XC Alarm

XConnect Satellite 9300-0001-1

Designed for communications systems that use satellite (i.e., SatLink Transmitter or other GOES Satellite transmitter). Currently satellite systems are only one-way systems in which XConnect communicates with a digital direct readout ground station (DDRGS)/receive site multiplexor to receive satellite messages.

Programs Included	Data Storage Options
XC Desktop	PCBase2
XC Setup	Binary Files
XC Mux	ASCII Log Files
XC Decode	Excel Files
XC Daps	XML Files
XC RTDisplay	
XC DataView 9	

XConnect Satellite with Database 9300-0001-2

XConnect Satellite with Database includes all programs and data storage options included in XConnect Satellite and expands the data storage options to include databases (Oracle® and MS Access®). Additional modules are included to assist the user in viewing and manipulating the data.

Programs Included	Data Storage Options
XC Desktop	PCBase2
XC Setup	Binary Files
XC Mux	ASCII Log Files
XC Decode	Excel Files
XC Daps	XML Files
XC RTDisplay	Oracle®
XC DataView	MS Access®
XC Reports	
XC PostProc	
XC Calc	