



ACM R/T SCADA

TAILORED SOFTWARE FOR REAL-TIME DATA.

ACM R/T SCADA is the lite version of our next generation communication management software. It is a lite version of ACM, for polling real-time data only. It combines industry standard features with enhancements that deliver an unrivaled level of performance, flexibility and ease of use.

PRODUCT OVERVIEW

For your most critical applications, your SCADA system requires a powerful, intelligent central nervous system to ensure a secure, effective and uninterrupted flow of data. ACM R/T SCADA serves as your reliable communication hub for SCADA, seamlessly acquiring data values from industrial automation devices, and passing that information to SCADA systems, HMIs and other applications.

Offering an impressive list of unique features, ACM R/T SCADA software communicates with different SCADA devices in their respective protocols over single or multiple telemetry circuits. On-line configurability and redundant communication paths for each device ensure your communication is never interrupted. Aside from per-device product licensing and bandwidth, ACM R/T SCADA's reach is virtually unlimited. Applications having one device can be incrementally grown to thousands of devices distributed over a large geographic area.

ACM R/T SCADA options include the AUTOSOL CryptoMod®, which enables legacy devices to join the Industrial Internet of Things (IIoT). With CryptoMod, you can also selectively secure long-distance communication from mission critical remote devices to the ACM R/T SCADA hub in the data center or control room. CryptoMod maintains ACM R/T SCADA's multi-protocol ability to integrate devices with emerging automation technologies, extending the useful life of installed legacy devices while simultaneously providing a path for systematic upgrades. ACM R/T SCADA allows for immediate and effective implementation of the complete system, greatly accelerating your ROI.

The base ACM R/T SCADA includes all device protocols, telemetry methods, reports and functions that are supported at the time of purchase and can be expanded from one device to thousands of devices in a single installation. This scalability gives you the flexibility to expand your systems on an as-needed basis, further maximizing your ROI.

Compatibility

OPC HMI/SCADA HOSTS

ACM R/T SCADA can interface with most OPC SCADA hosts available today. Listed below is an example of existing interfaces to AUTOSOL software:

- ABB SCADA Advantage
- Emerson Delta V
- GE Complicity, iFix
- Honeywell Experion
- Iconics Genesis
- Inductive Automation Ignition
- Rockwell FactoryTalk
- Schneider Electric SCADA Expert ClearSCADA, Vijeo Citect, Telvent, Wonderware
- Siemens WinCC
- Yokogawa Fast Tools

TELEMETRY METHODS

- CDPD
- CDMA
- Conventional Radio
- Dial-Up
- Ethernet TCP/IP, UDP/IP
- GPRS
- Internet IP
- Leased-Line
- PSTN
- Terminal Server TCP/IP, UDP/IP
- TCP Listen
- TCP Pooling
- Trunking Radio
- Satellite
- Serial Cable
- Serial Multi-Drop
- Spread Spectrum Radio
- VSAT

CRYPTOMOD SECURITY APPLIANCE

Security and diagnostic protocols:

- Modbus
- SNMP
- SSL

EFM VALIDATION SOFTWARE

- Flow-Cal CFX
- Flow-Cal CFX 7 (Gas & Liquids)
- Flow-Cal CFX 8 (Gas & Liquids)
- Flow-Cal Transaction Queue
- Quorum PGAS-XML (Gas & Liquids)

NATIVE PROTOCOLS

- ABB Totalflow
- Allen Bradley ControlLogix
- Allen Bradley DF1
- Barton Scancom
- Benchmark
- DEC Asynchronous
- DNP3
- Eagle Research
- Emerson Bristol Babcock BSAP
- Emerson (Fisher) FloBoss
- Emerson (Fisher) ROC
- FBNet
- GE SRTP
- Honeywell Mercury Instruments
- Kimray
- Omni Flow
- Siemens CAMP
- Teledyne TGP Module

MODBUS PROTOCOLS

ACM R/T SCADA functionality can be expanded by developing additional interfaces with any Modbus device. Specific protocols currently provided with the ACM R/T SCADA software are:

- Daniels
- DynaPump
- Enron
- Emerson Bristol
- Emerson (Fisher) FloBoss, ROC
- ETNG
- FB3000
- Flow Automation
- KM Load
- Lufkin Automation
- Lufkin SAM
- Modbus/TCP
- Motorola MOSCAD
- PCS Plunger Lift
- Prosoft
- Schneider Electric SCADAPack

BACK-END DATA INTERFACE

- Microsoft Access
- Microsoft SQL Server
- Oracle
- SQL Databases via ADO
- XML Data Stream

Key Features

- Supports multiple protocols over a single telemetry channel or circuit
- Supports multiple telemetry circuits through any or all connection types simultaneously
- Includes protocol modules developed to support legacy SCADA systems used during the extended transition to new SCADA host systems or Data Warehouse Systems
- Supports the ability to modify the configuration while the product is “on-line” without server restart
- Supports multiple local and remote users for a true client/server relationship
- Provides data and communication status detail as users issue commands such as “Demand Scan” within the configuration program without an OPC Client
- Allows users to assign polling priorities to items or tasks
- Provides an audit trail for configuration changes
- Includes the ACM logger program as a diagnostic tool to be used by local or remote support personnel
- Supports redundancy at several levels, including redundant communication paths, redundant configurations, and load sharing, all of which allow automatic switch-over upon detection of a failure
- Provides the ability to run SQL-queried reports in the Report Server
- Validated to FIPS 140-2 Security Level 1

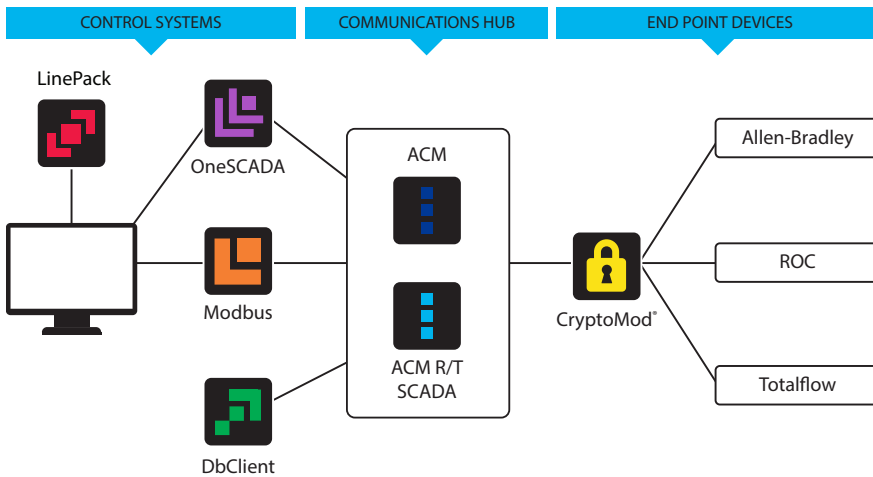
System Requirements

ACM R/T SCADA operates in Windows XP SP3 or newer, Windows Server 2008, or Windows 7, or Windows Server 2012. ACM R/T SCADA working as a Windows Service enables increased data security. Specifications are subject to change without notice.








Custom Software Development

AUTOSOL employs a dynamic team of software engineers and developers who are continually enhancing the flexibility, scalability and functionality of our products. In addition to our internal product improvement development efforts, AUTOSOL offers custom software development services to provide support for our clients' needs. Contact AUTOSOL for more information regarding client-specified development.

PRODUCT SUITE IN SYNC



AUTOMATION SOLUTIONS

-  ACM
High Performance, Flexible Communication
-  ACM R/T SCADA
Tailored Software for Real-Time Data
-  CryptoMod®
The Key to Automation Security
-  DbClient
Dynamic Data Transfer
-  LinePack
Validated Calculations
-  Modbus Slave
Valuable Communication Through Modbus
-  OneSCADA
Robust Organization, Efficient Control

LOCATIONS

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