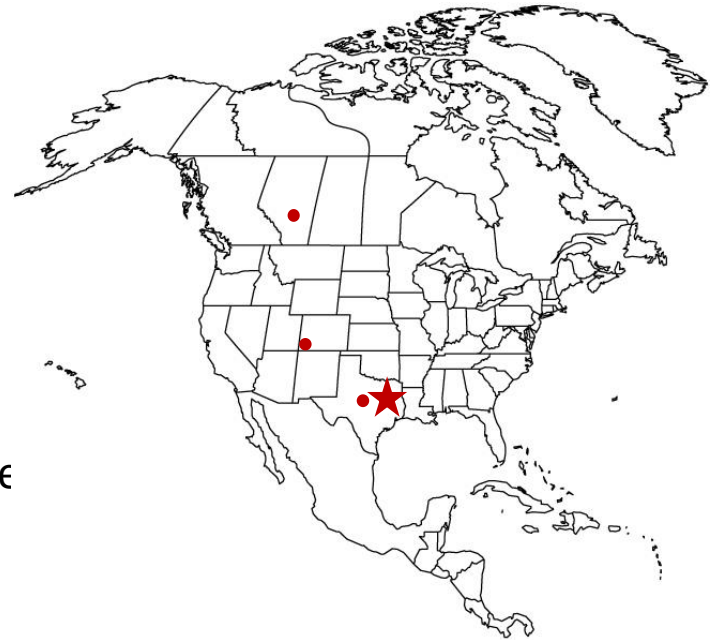# Securing and Supplying Data for Advanced Monitoring Systems
June 1, 2016

History

AutoSol has provided solutions to SCADA and EFM/AMR for over 25 years. During this time we have expanded our operations from system integration to development of software and software services to meet the demands of a shifting and ever-changing industry.

Offices:

- Houston, TX – Headquarte
- San Antonio, TX
- Farmington, NM
- Calgary, AB

AutoSol Communication Manager

- OPC Server
- 2 Versions: Real-time only or Full Access
- Communicates with different manufacturer SCADA and utility metering devices
- Multiple protocols, over a single or multiple telemetry circuits. No hard limit to the number of;
  - Protocols an ACM installation can utilize simultaneously, or
  - Circuits an ACM installation can utilize simultaneously.
- Primary / Secondary communication path with auto fail-over
- Local and Remote configuration
- Multi-client configuration
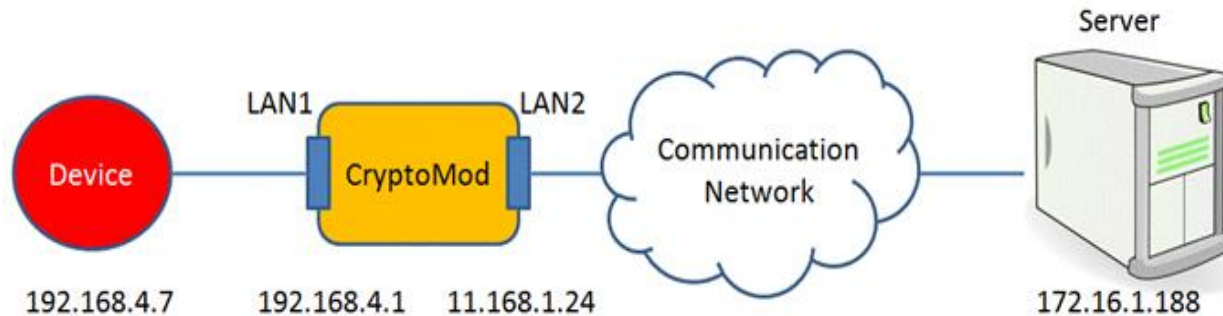- Configuration API

≡AUTOSOL®

AutoSol Communication Manager

Native Protocols

- ABB Totalflow
- Allen Bradley DF1, ContraLogix, Micrologix
- Barton Scancom
- Benchmark Bristol IP
- Daniels DSI
- Eagle Research
- Emerson Bristol Babcock BSAP
- Emerson (Fisher) FloBoss
- Emerson (Fisher) ROC
- GE SRTP Kimray
- OMNI Flow Computers
- Schneider Electric SCADAPack
- Thermo Automation
- And others…

Modbus Protocols

- Daniels
- DynaPump
- Enron
- Emerson Bristol
- Emerson (Fisher) FloBoss
- Emerson (Fisher) ROC
- Flow Automation
- GE Multilin
- Hallibuton
- Lufkin SAM
- Modbus/TCP
- PCS Plunger Lift
- Schneider Electric SCADAPack

AUTOSOL®

CryptoMod

- Plug and Play device
- Transparent to legacy software
- Developed specifically for Industrial Applications

CryptoMod

- Dedicated to encrypting and decrypting messages exchanged between the host and control and metering field instruments

- Permanently installed in the same enclosure as the field instrument to monitor and secure access

- Dual Serial and Ethernet ports and can act as a Terminal Server.

- Logs events and configuration changes to its archives in memory

- Operates in mixed-mode operation for secure and unsecure sites
  - Does not require system restart

- Does not require ACM

Questions?

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