



ENCRYPTED RTU COMMUNICATIONS

Effective:
12/12/18

Revision:
A

Encrypted RTU Communications

HSQ RTU communication encryption uses the 256 bit Advanced Encryption Standard (AES 256). It works with either network or serial RTU communication. There is a license fee (per RTU) to use encrypted communication.

It is supported by HSQ RTU software V8r05f and later. The RTU hardware must be able to run V8 software; therefore, if it is an x86 stack it must have a 9579 processor or newer (the old 486 and 386 stacks cannot do it).

The RTU must be communicating with the Host using the HSQ 16-bit protocol.

Peter Polissky recommendations:

- HSQ personnel must be onsite to configure RTUs with encrypted communication.
- The first RTU cutover should be a test RTU in the shop.

NOTE: Conversion of RTUs is not covered by maintenance contracts.

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