



SEL-3022 Wireless Encrypting Transceiver Guideform Specification

When using a serial-to-wireless encrypting transceiver the following minimum features shall be available:

EIA-232 to IEEE 802.11b serial-to-wireless function.

Serial Port Data Rate from 300 bps to 115200 bps.

PC Software for settings.

Virtual Serial Port Application for using AES and HMAC SHA-1 cryptographic algorithms with legacy PC software.

AES Encryption. The encrypting transceiver shall employ the AES encryption algorithm.

HMAC SHA-1. The encrypting transceiver shall employ HMAC SHA-1 frame authentication.

FIPS Compliant Design. The encrypting transceiver shall be designed to NIST FIPS 140-2 Level 2.

