

FIPS 140-2 Level 2 Products

iDirect Government's suite of FIPS 140-2 Level 2 products meet the standards for Sensitive, But Unclassified (SBU) use. The standard, published by the National Institute of Standards and Technology (NIST), has been adopted and implemented in our design and manufacturing process.

FIPS 140-2 establishes the Cryptographic Module Validation Program as a joint effort of the National Institute of Standards and Technology and Canada's Communications Security Establishment. FIPS 140-2 provides stringent third-party assurance of security claims on any product containing cryptography that may be used by a government agency.

Combined with our 2.3 software the FIPS 140-2 Level 2-compliant remotes and line cards expand our existing TRANSEC capabilities, support multiple return channels, and introduce a new feature that extends the battery life of portable satellite terminals.

iDirect Government's FIPS 140-2 Level 2 compliant solution:

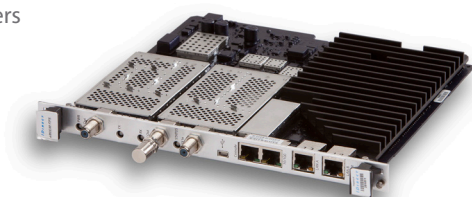
- Tamper evident protection of crypto keys and key security parameters
- Tamper evident seals and coating on hardware
- Heat sink covering crypto components

Remotes

- e8350-FIPSL2
- e800-FIPSL2
- e850mp-FIPSL2
- e8000 AR XL
- e8000 AE

Line Cards

- eM1D1-FIPSL2
- eM0DM-FIPSL2



eMODM-FIPSL2

The new Evolution eMODM line card is a military-grade multi-channel demod-capable line card. It can be activated to support up to 4 or 8 return channels through a software upgrade, enabling users to maximize hub chassis space and lower hardware costs.



e8000 AE

The e8000 AE is a 4MCU (ARINC 600 variant) of the satellite router, ideal for permanent integration on aircraft.



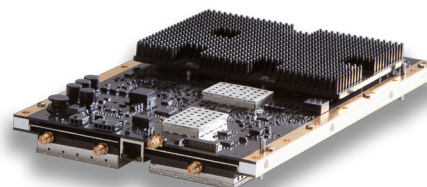
e8350-FIPSL2

The FIPS version of our most powerful router features tamper evident seals.



e8000 AR XL

The e8000 AR XL is a 19-inch rack-mountable enclosure ideal for roll-on/roll-off applications.



e850mp-FIPSL2

The e850mp-FIPSL2 board is extremely lightweight with tamper evident coating.