
REDLINE

TAKING THINGS TO THE NEXT LEVEL



We're pleased to announce that Redline has received full FIPS (Federal Information Processing Standard) 140-2 Level 2 certification for the following RDL-3000 products:

- Ellipse
- Edge
- Elte-MT

The FIPS Publication 140-2, is a U.S. government

computer security standard used to validate cryptographic modules. Redline has been awarded certificate **#2636** which includes both hardware and software components. To operate in a FIPS-compliant mode, a Redline radio requires:

- RDL-3000 Software v3.1
- A FIPS-enabled option key
- An ECDSA (Elliptic Curve Digital Signature Algorithm) certificate.

CERTIFIED — NOT JUST COMPLIANT

Certification is an important factor to consider when selecting any networking gear that will be used to create secure communications environments. A product can be compliant — meaning that the manufacturer believes that the product meets the requirements, or it can be certified — meaning that the manufacturer had the product independently tested by a third party to a set of security requirements.

The FIPS 140-2 publication is a joint effort by the United States' National Institute of Standards and Technology (NIST), and the Communications Security Establishment (CSEC) for the Canadian government. FIPS 140-2 describes the requirements to ensure secure transmission of classified information and services over a network. The process of achieving FIPS 140-2 certification is managed through the Cryptographic Module Validation Program (CMVP), headed by NIST. Products must undergo a set of rigorous tests to certify that modules meet FIPS 140-2 standards. This process provides a stringent third-party guarantee of FIPS 140-2 compliance and gives the buyer assurance that they are getting the security for which they paid. Additionally, FIPS 140-2 certification is a mandatory security requirement for all US and Canadian Federal government agency purchases,

including the military.

Not only was Redline one of the first vendors to achieve FIPS 140-2 certification for broadband wireless systems, but Redline has included built-in security features in our products that go above and beyond what's required for certification.

SECURITY FOR YOUR WIRELESS SYSTEM

The shared nature of wireless systems and deployment scenarios can leave broadband wireless systems vulnerable to a variety of malicious attacks if security measures are not given priority in the network planning stage. Advance planning is crucial as it is extremely difficult to apply patch solutions to a deployed product and achieve the level of protection necessary for defending against these attacks.

Successful broadband wireless security implementations depend on:

- Selecting manufacturers who have considered security measures early in the product design phase.
- Working with vendors who have a track record of architecting and deploying secure broadband wireless networks.