



SAFEGUARD YOUR PTP COMMUNICATIONS WITH FIPS 140-2

FIPS 140-2 VALIDATED PTP 600 SOLUTIONS

Most government and military organizations require Federal Information Processing Standard (FIPS) 140-2 protection to secure highly sensitive data, voice and video communications. State and local agencies as well as financial, healthcare, manufacturing and other business enterprises also need FIPS 140-2 to safeguard their informational assets and comply with government regulations. Our FIPS 140-2 validated Point-to-Point (PTP) 600 Series Solutions offer high-performance connectivity with powerful protection for your wireless communications.

CAPABILITIES

FIPS 140-2 Level 2 security is a module that meets regulatory requirements for cryptographic algorithms, key security and tamper-evidence and is an optional module

that is available on our PTP 600 Series outdoor radio units. All PTP 600 radios configured with FIPS 140-2 also require 128-bit or 256-bit AES encryption. Together AES encryption and FIPS 140-2 protection provide extremely robust security to protect your communications from malicious incidents.

With FIPS 140-2 Level 2 Security, our cryptographic module supports only FIPS-approved-and-allowed algorithms for AES (Advanced Encryption Standard) wireless link encryption and TLS (Transport Layer Security) connections. Level 2 Security also includes tamper-evident seals that must be broken to attain physical access to the plaintext cryptographic keys and critical security parameters within the radios. Two tamper-evident labels are affixed to each PTP 600 radio and should be checked at least every 30 days. If tamper evidence is observed, the radio should be removed from service and inspected closely.

Further security is provided through identity-based authentication with FIPS-mode password complexity and roles assigned to each user, including security administrator, system administrator and read-only user. Each user's assigned role determines the operations which can be accessed and performed.



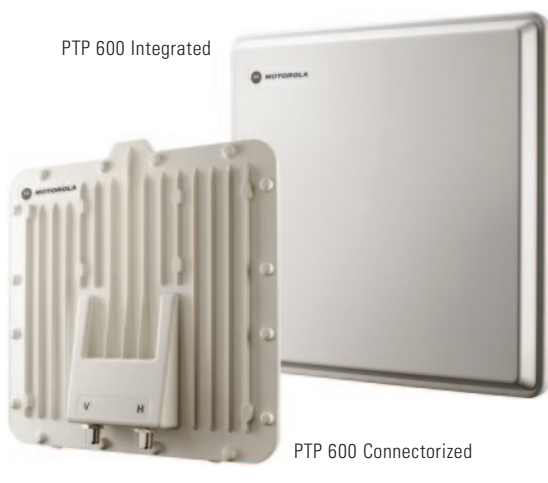
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COMMUNICATIONS AGILITY

PTP 600 radios leverage a combination of field-tested technologies to overcome obstacles, interference and fading and to deliver reliable communications in virtually any environment. The systems offer high-speed throughput, carrier-grade availability, excellent durability and robust, multi-level security. As a result, U.S. Federal Department of Defense (DoD) and civilian agencies can deploy mission-critical wireless broadband networks where and when needed. With up to 99.999% availability and extremely low latency, the systems are ideally suited to backhaul Land Mobile Radios (LMR's), video surveillance cameras, mesh nodes or hot spots, and command centers.

PAIRING PTP 600 AND FIPS 140-2

PTP 600 Series solutions operating in the 2.5, 4.5, 4.8 and 4.9 GHz defined-use licensed radio frequencies and the 5.4, 5.8 and 5.9 GHz license-exempt radio frequencies support the FIPS 140-2 mode. With new and existing PTP 600 deployments, you have the option to include FIPS 140-2 Level 2 on any PTP 600 system by purchasing a license key and downloading the FIPS version of the software from our Web page.



Each PTP 600 radio is encased in a highly-durable cast metal casing and cover plate and sealed with two tamper-evident labels. The only difference between the Connectorized and Integrated enclosures is that the radios have differing types of cover plates.

YOUR TRUSTED PARTNER

With more than 80 years of wireless communications experience, we know radio communications and are a market leader in two-way radios as well as wireless broadband. This extensive communications expertise is available to help you achieve your individual wireless objectives. Plus, we have made, and continue to make, significant investments in secure technologies to protect your confidential communications.

WIRELESS NETWORK SOLUTIONS

PTP 600 Series solutions are included in our Wireless Network Solutions portfolio. This portfolio delivers seamless connectivity that puts real-time information in the hands of users, giving you the agility you need to grow your business or better protect and serve the public. Our unrivalled wireless network solutions include indoor WLAN and outdoor wireless mesh, point-to-multipoint, point-to-point and voice over WLAN solutions. Combined with powerful software for wireless network design, security, management and troubleshooting, our solutions deliver trusted networking and anywhere access to organizations across the globe.



ISO 9001:2008 Certified



FIPS 140-2 validation may be confirmed at:
<http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/140val-all.htm#1515>

Our certificate number is 1515. If the URL does not take you directly to certificate #1515, scroll down to that certificate number.