WAP

SHIPBOARD WIRELESS ACCESS POINTS

Trident Systems' Shipboard Wireless Access Points (WAP) sensors substantially reduce the cost of deploying, implementing, and managing a qualified wireless network, while significantly increasing features, functionality, and security of the network.

Secure

Trident's WAP ensure a safe and reliable network by monitoring for the presence of unauthorized access points and executing the necessary countermeasures against the intrusion. The WAP meets Federal Government and Department of Defense security standards for networks as well as the international standards for computer security clarification.

Reliable

The simultaneous support for high-speed wireless data, voice, and video services that the WAP offer provide strong network reliability. The WAP meet the radio frequency industry standards that allow for high speed portable network access while significantly decreasing the problem of packet loss or poor network connection.

Durable

Trident's WAP have been designed to meet or exceed shipboard and other Environmental Qualification Testing criteria, such as a Grade A shock, that is essential to the safety and combat capacity of a naval vessel. The rugged enclosure around the WAP provides protection from the harsh elements often faced by naval vessels. A variety of U.S. Navy vessels utilize Trident's WAP.

Shipboard Wireless Access Points (WAP)

Available Variants

DESCRIPTION	PART NUMBER	MIL-SPEC CONNECTOR	DATA
Unclassified Wireless (Multi-mode) Variant	1FD95-AP515F1_+FMU (SPN-06001-01)	M28876/1-B1S1 (Sockets)	Multi-Mode Fiber Optic
Secure Wireless (Multi-mode) Variant	1FD95-AP515F1_+FMC (SPN-06001-02)	M28876/1-B1S1 (Sockets)	Multi-Mode Fiber Optic
Unclassified Wireless (Single-mode) Variant	1FD95-AP515F1_+FSUS (SPN-06001-06)	M28876/1-B1S1 (Sockets)	Single Mode Fiber Optic
Secure Wireless (Single-mode) Variant	1FD95-AP515F1_+FSCS (SPN-06001-05)	M28876/1-B1S1 (Sockets)	Single Mode Fiber Optic
Secure Wireless (Single-mode) Variant	1FD95-AP515F1_+FSCC (SPN-06001-03)	M28876/1-B1P1 (Pins)	Single Mode Fiber Optic
Secure Wireless (Mode Conditioned Multi-mode) Variant	1FD95-AP515F1_+NMFC (SPN-06001-04)	M28876/1-B1P1 (Pins)	Mode Conditioned Multi-mode

Common features to all variants

Size:	11.5" x 9.3" x 6.4"
Weight:	10.0lbs/4.5kg
Power:	110-120VAC power
Antenna:	Internal 4 element (4x4 MIMO capable)
Radio:	Dual Radio 802.11 a/b/g/n/ac/ax
Bandwidth:	Up to 574Mbps (2.4Ghz), 4.8Gbps (5Ghz)
Encryption:	FIPS 140 Validated, CNSA Suite, Common Criteria (CC) with US Government Wireless LAN Access System Protection Profile
Power Connector:	MS3452W14S-7P
Fiber Optic:	Media Converter – Universal Gb Ethernet Converter (10/100/1000, Gb or a 100Mb SFP transceiver)

Available Options and Offerings

Wireless Switch /Mobility Controller:
A FIPS 140 and CC EAL4 High Performance, High Bandwidth Wireless Switch provides a secure wireless LAN capability for a variety of platforms. This is the US Government FIPS 140 Version and comes complete with base license to support up to 6/36 WAPs and US Power Cord. This unit is packaged in a rack-optimized 1U chassis.

Firewall Security Appliance:
Firewall appliances provide a context-aware approach to security that delivers multiple security services, flexible interface options, multi gigabit performance, and redundant power supplies all in a compact 1-RU rack mountable form factor. These units are CSfC approved.

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