

AP-250

Inline Cybersecurity Appliance



Strengthen your aircraft's cybersecurity posture and comply with the growing number of aviation authority Cybersecurity Guidelines with the AP-250 Inline Cybersecurity Appliance (AP-250). Compact and capable, the AP-250 streamlines the path to achieve the RTCA DO-326/ED202 Airworthiness Security Process Specification, among others. Easy to install, it monitors the onboard network and provides alerts to reinforce the aircraft's cybersecurity posture.

AP-250 Key Features

- + Lightweight and compact
- + Simple interface to Satcom terminals and routers
- + Advanced network IDS & IPS (Intrusion Detection and Prevention System), log collection, monitoring, and storage
- + Active data monitoring
- + Security event database
- + Support for third-party SIEM (Security Information and Event Management)
- + Enhance ability to achieve Aviation Authority Cybersecurity Guidelines (FAA, EASA, CAA & MOTC)

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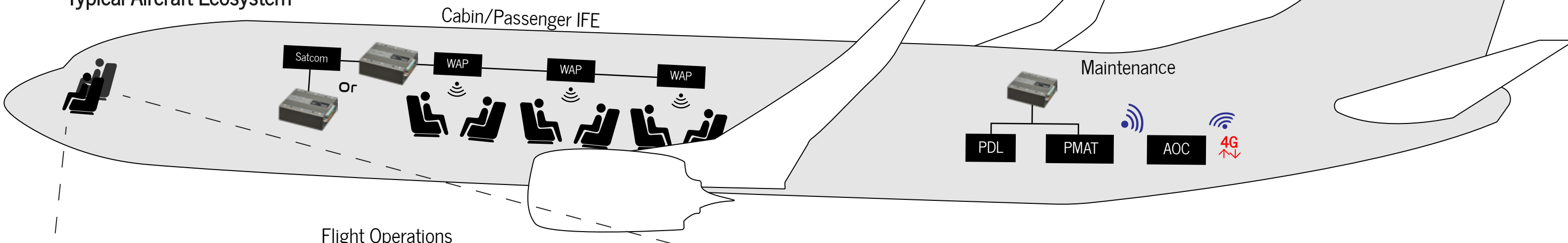
The AP-250 Cybersecurity Appliance is installed in-line with networking devices and avionics to monitor and protect the aircraft's onboard network.



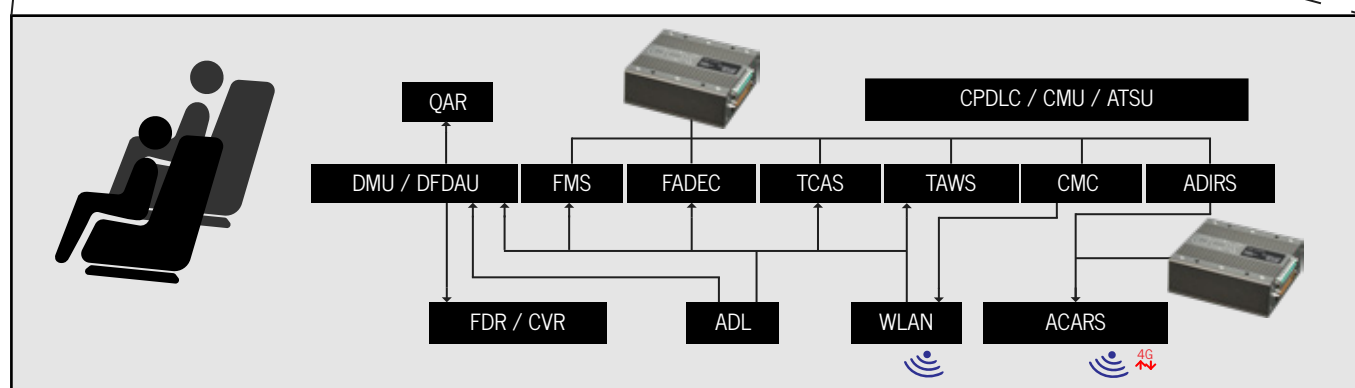
Technical Information

Form Factor	5"L x 4.5"W x 1.8"H
Processor	Quad-core Processor with integrated packet processing acceleration, secure key storage, and encryption engines, and high-speed networking peripherals
Operating System	SystemX™
Power	9VDC-30 VDC Input, DO-160G, and MIL-STD-704 50ms Hold-Up for Aircraft Optional dual redundant power supply input

Typical Aircraft Ecosystem



Flight Operations



Functionality

Installed autonomously without live connectivity from the aircraft to the CCX Technologies Secure Ground Server.

- + Advanced Firewall
- + Log collection and storage
- + Active data monitoring
- + Security database
- + IDS (Intrusion Detection System)
- + IPS (Intrusion Prevention System)
- + M2M (machine to machine) Encryption

Enhanced Functionality

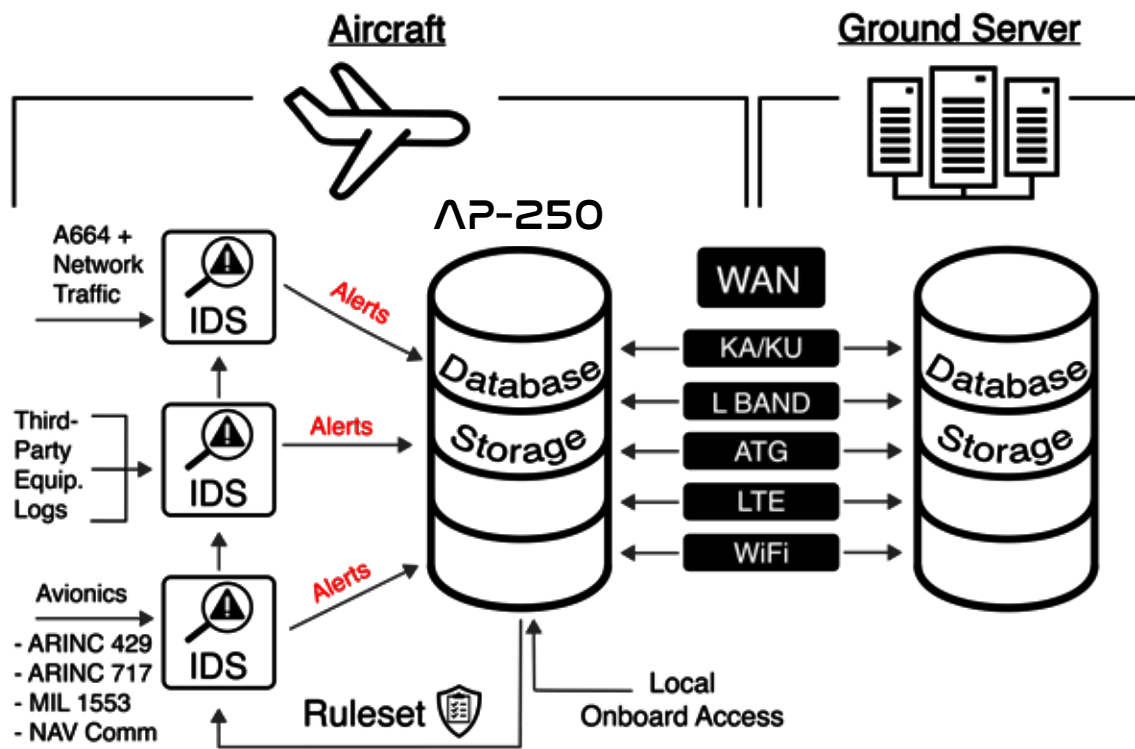
Installed and connected with Satcom or other connectivity from the aircraft to the CCX Technologies Secure Ground Server.

- + Dynamic Remote Ruleset updates against the latest known vulnerabilities and attacks
- + Managed Security Operations Centre (SOC)
- + Remote real-time Firewall and Policy-based routing updates
- + Modern VPN (Virtual Private Network)
- + Remote technical support for all devices in the onboard network

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How it Works



Need more information?

Call us: +1 (613) 703-6161

Email us: info@ccxtechnologies.com

Visit us: ccxtechnologies.com