

AP-250

Inline Cybersecurity Appliance Development Kit



Reinforce the onboard cybersecurity posture of air, land and sea vehicles with the AP-250 Inline Cybersecurity Appliance Development Kit (the Kit). An innovative suite of tools, the Kit plugs-in to your development environment. CCX Technologies has done the up-front work so you can rapidly integrate cybersecurity into software and hardware applications.

- + Build and deliver mission-tailored, end-to-end cybersecurity solutions for vehicular networks, wherever they operate
- + Implement CCX Technologies' Standard and Customized Rulesets
- + Build your own vehicle- and mission-specific Rulesets
- + Test and optimize end-to-end solutions for your mission-specific environment



Cybersecurity Platform



Support Services



Regular Updates To
Standard Rulesets



Secure
Cloud Services

AP-250

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Prevent unauthorized access to critical data and ensure the future integrity of your onboard systems. With the tools you need to monitor and defend vehicular onboard networks, the kit will support GVA, NGVA (NATO General Vehicle Architecture), ARINC 429/717, CAN Bus, MIL-STD-1553 and ARINC 664 AFDX.

The development kit Includes:

- + 2x AP-250 Inline Cybersecurity Appliances (AP-250)
- + 3, 6, 12-month bundle of access to SystemX™ Server through a VM (Virtual Machine) or CCX Cloud Services
- + Encrypted access to remote APIs (Application Programming Interface) to configure and control the AP-250 devices
- + A set of keys providing API
- + SSH (Secure Shell) access to the system
- + A cable package
- + CCX Technologies' SystemX Software suite with:
 - + Integrated industry-standard SNORT and Zeek (formerly Bro) network monitoring and analysis frameworks
 - + Integrated programmable log monitoring system
 - + Standard and customized IDS (Intrusion Detection System) rulesets
 - + Vulnerability network scanner
 - + Connection statistics
 - + IPS (Intrusion Prevention System)
 - + Advanced Firewall
 - + Policy Based Routing rules
 - + Packet capture and view
 - + Standard ruleset updates
- + Technical support for device configuration

How it works

The AP-250 Inline Cybersecurity Appliance Development Kit components are installed directly into your development environment. Once your application and system are developed, the small and powerful AP-250 Inline Cybersecurity Appliance is installed onboard the vehicle, in-line with avionics, servers and other electronic systems. It monitors onboard both Ethernet traffic and potentially vulnerable data buses such as ARINC 429, CAN Bus, and MIL-STD-1553, among others — in their own specific operating environment.

Need more information?

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