



The next-generation AIMS Mode 5 Identify Friend or Foe (IFF) Emulator by WebSec is designed as a modern, non-CCI replacement for legacy cryptographic devices. It can operate in place of a KIV-79 or, with an optional adapter, a KIV-77 — providing a flexible and future-ready solution for Mode 5 testing and evaluation.

Physically representative of the KIV-79 form factor, the emulator supports flight line and lab use, with full implementation of Flight Line Test Mode and seamless integration with Tel-Instrument T-47/M5 and TS-4530A Test Sets. It mimics KIV-79 Crypto Host Serial Interface (CHSI) protocol behavior during power-up, initialization, and while running traffic, ensuring drop-in compatibility with existing workflows.

The emulator interoperates with other Mode 5 emulators and enhances test visibility by displaying all AIMS 04-900A Mode 5 messages in a human-readable format. Optional Active-Pro integration adds Mode 5 signal analysis capability for advanced test environments.



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