

MLS Trusted Workstations for Rapid Deployment IOC in under 16 months

Class A1 trusted workstations can connect simultaneously to both highly classified systems and to the Internet or NIPRNET, to fuse data in real time while protecting system high data.

Problem Statement

US government professionals need cross domain solutions to fuse Internet or NIPRNET data into highly classified systems in real time. The connection demands a controlled interface under DoDI 8500.2 or DCID 6/3. The solution is to verify system protections against trap doors and Trojan horses.

Concept: Use Proven Technology

Aesec has the proven capability to deliver an enterprise-level, multi-level security (MLS), thin client environment meeting the MLS requirements of TCSEC Class A1. This provides a controlled interface and a path to rapid accreditation at DCID 6/3 PL-5.

The Aesec system design allows for simultaneous access to multiple security domains and enclaves for real time data fusion, through

unmodified legacy networks, all via a single workstation. This requires no new research.

Class A1 High Assurance MLS

Aesec will build its systems on the GEMSOSTM security kernel. NSA previously evaluated the GEMSOS security kernel and its Ratings Maintenance Phase (RAMP) plan at Class A1 in the Gemini Trusted Network Processor (GTNPTM). NSA also deployed the GEMSOS kernel for key management and distribution in their Class A1 BLACKER VPN.

Don't put research in your critical path. This proven technology is available now.

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