

## 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 GEMSOS<sup>TM</sup> 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 (GTNP<sup>TM</sup>). 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.***

### For further information contact:

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