



Security Made Simple

SoloSCIF™ Workstation

Single-Seat TS/SCI Network Portal Meeting T-SCIF Attenuation Standards



Depiction of transparency is for display purposes only

TECHNICAL SPECIFICATIONS

Dimensions: 70"H x 45"W x 62"D Weight: ~1000lbs

*****IEEE 299 EMI/RF Shielding Effectiveness Test Report:
meets T-SCIF attenuation standards**

Outer Clamshell: Lightweight Carbon-fiber with magnetically sealed entry door

Embedded EMI/RFI Shield: Full EMI/RFI shielded fabric with Velcro, interlaced & overlapped on all interior surfaces.

Integrated Voice Masking: Intelligent Devices MAXINE speech masking technology exceeds Sound Group 3

Filtered Power: 110-240VAC 50/60Hz

Data I/O: customizable panel with fiber barrel waveguides

Environmental Control: External AC unit with thermostat & airflow waveguides, adjustable LED lighting

IDS: ICD 705 compliant facility IDS interface

FEATURES & BENEFITS

Compact, modular, self-contained, deployable TS/SCI, IC & SAP single purpose data portal

Layered defense-in-depth reduces security risks & concern over insider threats

Blends physical and technical security seamlessly

Outer door secured with X-10 lock with optional alternatives available

Dual network & facility-based alarm systems monitor & control activity from within with immediate remote power shutdown capability

Knock-down kit assembly eliminates fixed SCIF buildout costs & delays, shortening deployment cycles

Easily disassembled & relocated, not tied to a facility but to the network, thus non-obsolete

Convenient, secured desktop network access with supplemental biometric user authentication

Multi-domain desktop interfaces to KVM, VTC, VOIP & Red Switch peripheral devices

Temperature controlled ergonomic workspace with adjustable lighting

Up to four external cameras for perimeter surveillance

APPLICATIONS

DoD & IC Senior Leadership Offices

Military GOQs & IC Residences

Embassies, Annexes, & Tenant Agencies

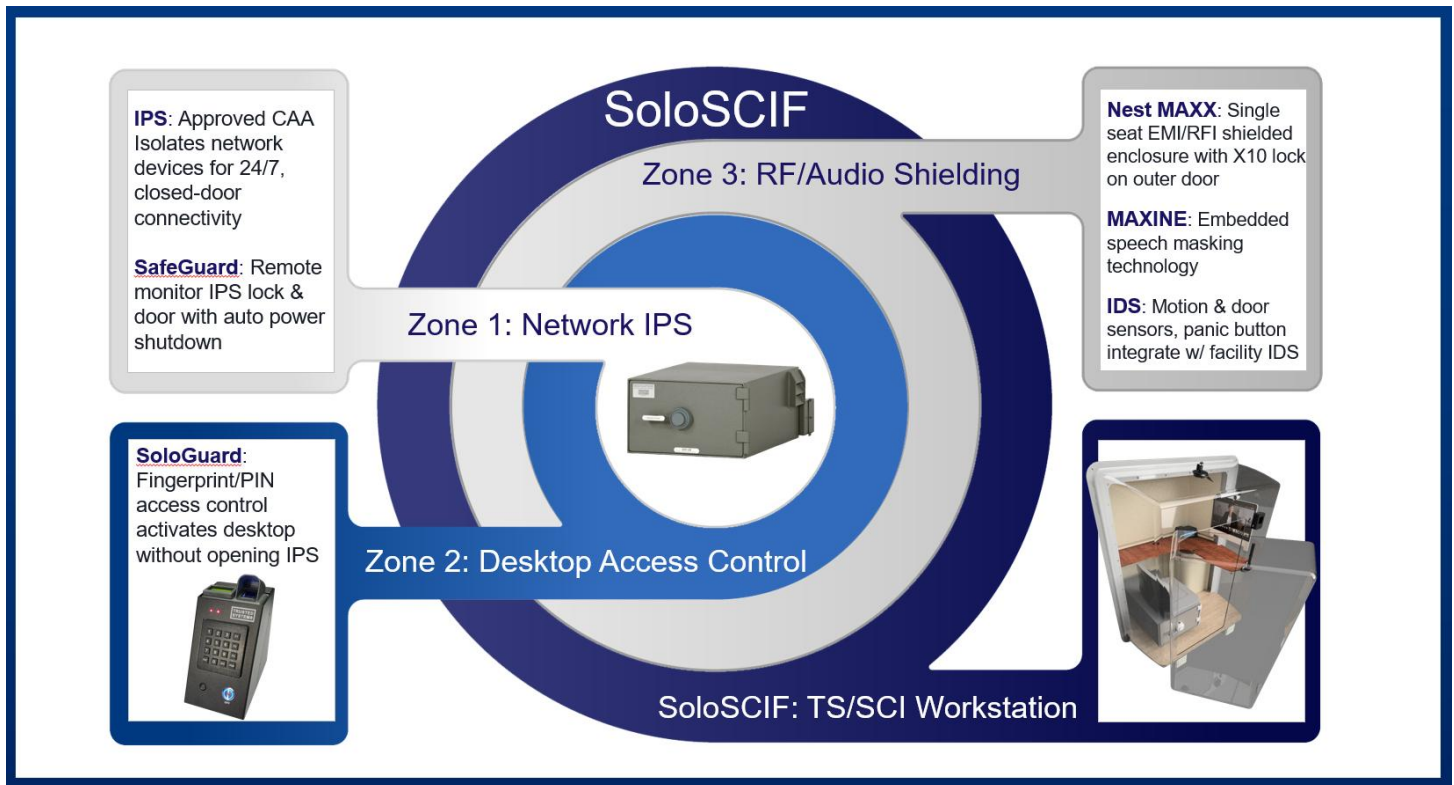
In Theater Regional Command Centers

SAPF Remote Sites & Inside Existing SCIFs

Defense & IC Off Site Contractor Facilities

Flight Line Hangars for Flight Plan Downloads

COOP Site Backup Connectivity



DEFENSE IN DEPTH

The SoloSCIF TS/SCI Single-Seat Workstation, a revolutionary single seat design concept in high side security that expands the perimeter protection afforded by the traditional ICD 705 SCIF specs and meets the T-SCIF attenuation standards. It optimizes defense-in-depth as shown in the diagram above incorporating two zones of control (Zones 1 & 2) within the outer shielded enclosure (Zone 3) internally extending security from the wall to the desktop, the most vulnerable threat vector to the insider. Monitoring and controlling the internal operating environment provide redundancy and overlap through a dual alarm system, one IP addressable tied to the network operation center (NOC) and the other to the local facility intrusion detection system (IDS).

Zone 1: Network IPS Container – The foundation of SoloSCIF is a GSA Class 5 IPS Security Container (a CAA unto itself) housing all network devices: crypto gear, switches, routers, and processors, secured behind an X10 lock. The devices are always powered up and on-line 24/7, running closed-door unattended physically restricting user access. Integral to the Network IPS is SafeGuard, a network centric, IP-addressable, remote monitor of the IPS door, lock, power and internal temperature, supplemental to the facility IDS. Being smart PDU based, it enables the NOC dispatcher upon an alert to power down the network devices including “zeroizing” the crypto to prevent compromise.

Zone 2: Desktop Access Control – The biggest challenge to network endpoint security is the human interface. SoloGuard is at the heart of the solution, an additional, locally managed two-factor (fingerprint/PIN) user authenticator that turns desktop peripherals (KVM / VIOP / VTC / Red Switch) on prior to normal TS/SCI login, all controlled from within the Network IPS. The user must be seated and the outer door closed before activation can take place. The desktop is deactivated by a kill button or the opening of the outer door. No need to enter the Network IPS to get on and offline, optimizing security and convenience. Up to 2000 users and 9 administrators can be enrolled.

Zone 3: RF/Audio Shielding – An RF shielded single seat enclosure surrounds the desktop and Network IPS. It is comprised of a carbon-fiber composite clamshell with embedded EMI/RFI fabric shielding paired with TS/SCI approved speech masking technology for acoustic protection surpassing Sound Group 3. The workstation interior has thermostatically controlled AC and adjustable lighting. The outer door is magnetically sealed secured with an X10 lock with internal latch release handle. Perimeter awareness is enabled by four (4) external cameras. A facility IDS controller interface is provided that includes a motion sensor, outer door sensor and a panic button. Sensors from Safeguard can also be incorporated into the facility IDS to give redundant dual monitoring capability.



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