



Use Case:

Convergent Federal Helps Agency Achieve Compliance with FIPS-201

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Background

A Federal agency was pressed to upgrade access control and video for 9 international locations to ensure full compliance with FIPS-201.

Objective

The agency sought to achieve RMF “**type accreditation**” for a standardized access control and video system. All electronic security management systems needed to be HSPD-12, FIPS-201 compliant.

Solution

Convergent Federal leveraged a Lenel OnGuard™ security management system performing both access control and video surveillance functions (cameras, infrastructures, network video recorders and video management systems), integrated with Aiphone video intercom units.

The team identified, recommended, and implemented technology refreshment solutions and new deployments to optimize the performance and operational cost efficiency of the current security technology solutions, providing recommendations for system implementation and upgrades. This ensured Risk Management Framework (RMF) Type Accreditation for all systems.

Convergent Federal performed all aspects of the systems lifecycle including initial system design, development, testing, startup, operations and maintenance, and upgrades. Following site surveys, an installation design package (IDP) included:

- Equipment location drawings
- Mounting details
- System head end cabinet configuration
- Conduit and cabling plan
- Riser diagrams
- Equipment and software lists
- Camera locations, mounting, and network video recorders (NVR)

Prior to shipping, systems were cyber-hardened via Security Technical Implementation Guides (STIGs) and cybersecurity artifacts were developed as required by the Risk Management Framework (RMF). Then Convergent Federal performed system scans and delivered PO&M (plan of action and milestone) schedules for all cybersecurity threats not addressed adequately. When integration and hardening was completed, a pre-installation and test check-out (PITCO) was completed in the Convergent Federal facility and the system was shipped overseas.

On site, Convergent Federal conducted installation kick-off meetings to review the IDP and master project schedule. These addressed existing site conditions, laydown and trash collection areas, material deliveries coordination, site security and safety requirements, and procedures for accessing each facility.

Once the network infrastructure and system head-end were completed, Convergent Federal installed all field panels, cameras, power supplies, card readers, and other equipment. Then acceptance testing was performed with performance results documented in detail. Once final acceptance was complete, the following was provided:

- Electronic copies of all system documentation
- Manuals
- Test reports
- Inventory of accountable assets installed.
- Documented results of all system and operational tests
- “As-built” system configurations including computer-assisted drafting (CAD) drawings that including design and documentation of rack layouts, and camera schedule.

Results:

The Convergent Federal solution supported the agency’s international locations seeking to meet FIPS-201 compliance and RMF Type Accreditation. Furthermore, with meticulous planning and execution, Convergent Federal ensured that systems adhered to stringent HSPD-12 standards, signifying a commitment to the highest levels of security. A comprehensive approach to project management included technology refresh and system cyber-hardening. And thorough acceptance testing and documentation facilitated operational readiness and streamlined future system management. Ultimately Convergent Federal delivered a standardized and compliant security framework, elevating security capabilities and positioning the agency to maintain secure, efficient operations on a global scale.

Contact Convergent Federal:

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