

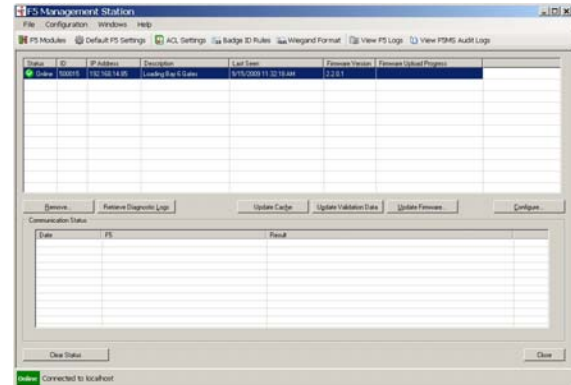
CoreStreet FIPS-201 F5 Management Station

Centralized Management of CoreStreet FIPS-201 F5 Modules

The CoreStreet FIPS-201 F5 Management Station (F5MS) is comprised of two software components: the FIPS-201 Validation Service, which runs as a Microsoft Windows service, and the F5 Management Station client application, which provides a graphical interface with which administrators configure the F5 Solution.

Features and Functionality

- Provides centralized configuration and management of CoreStreet FIPS-201 F5 Modules (F5 Modules)
- Sets authentication mode for F5 readers
- Sets the rules to extract a badge ID from each card type (e.g., FASC-N, EDIPI, GUID)
- Sets the Wiegand format for badge ID output
- Collects detailed log activity from F5 Modules for display and export
- Sets trusted card issuers (i.e., trust anchors)
- Periodically retrieves card revocation status from issuing certificate authorities (OCSP/CRL/MiniCRL) and the TWIC Hotlist
- Validates PIV cards from visitors using path discovery (SCVP) to establish a chain of trust through the Federal Bridge – enables interoperability across Government agencies and with non-Government members of the Federal Bridge
- Periodically re-validates trust paths for issuers
- Updates validation data cache on F5 Modules (e.g., issuer trust status, revocation status) so they function offline if communications are interrupted
- Sets degraded mode parameters (e.g., length of time revocation status data can be out-of-date before F5 Modules enter degraded mode, action to take when in degraded mode)
- Distributes TWIC Private Keys (TPKs) to F5 Modules – for contactless BIO authentication
- Updates firmware on the F5 Modules – no field updates required



*CoreStreet FIPS-201 F5 Management Station
Graphical Interface*

Specifications

- Minimum System Requirements:
 - Microsoft Windows Server 2003, Service Pack 2
 - RAM – 2 GB
 - Disk Space – 100 GB
 - Microsoft SQL Server 2005 or Microsoft SQL Server 2005 Express Edition
 - Microsoft .NET Framework v2.0 Runtime
 - Microsoft .NET Framework v3.0 Runtime
- Supports up to 5,000 F5 Modules
- Exports card validation and system log activity in a comma delimited (i.e., CSV) file

Security

- Data exchanged between the F5MS and F5 Modules is digitally signed using strong RSA public-key cryptography
- Communicates with F5 Modules via 256-bit AES encrypted Ethernet TCP/IP
- Uses RSA BSAFE cryptographic libraries

Availability

For more information on the CoreStreet FIPS-201 F5 Solution, contact us or visit our website at

www.corestreet.com/F5