



**AMAG**
TECHNOLOGY
A G4S COMPANY

SYMMETRY™
FICAM APL SOLUTION

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OUR SOLUTION

AMAG's Symmetry Homeland is a Federal Identity, Credential and Access Management (FICAM) compliant, APL solution for US Federal Government physical access control and meets the requirements of the GSA PACS Infrastructure requirements. Symmetry is listed on the PACS Approved Products List #10087.



MEETING GOVERNMENT GUIDELINES

The FICAM best practices include use of the fully qualified FASC-N or the Globally Unique Identifier (GUID), each representing a 128-bit identifier. The FASC-N is issued through a defined process that guarantees uniqueness across the Federal Government. The GUID can be defined multiple ways and is issued

on a PIV-I credential by both Federal Government agencies and nonfederal issuers. Since the GUID is required to be longer than traditional identifiers, PACS must easily accept both identifiers to be efficient and cost effective.



OPERATIONAL REQUIREMENTS BASIC ELEMENTS

In an environment where a Government Agency is required to comply with FICAM regulations, a proven, tested and certified list of products must be purchased. AMAG Technology is proud to partner with Technology Industries (TI) and Veridt to offer the Symmetry Homeland Security Edition (HSE) System as one of the easiest security management solutions to set up and manage your cardholders. The Validation Engine is deployed with the TI EntryPoint Management Suite that performs the requisite updates of the local certificate store against defined certificate revocation lists or live certificate authorities. Any

credentials identified as revoked are quickly and automatically communicated to Symmetry where access privileges are immediately inactivated.

This process ensures that your cardholder data and "do not admit list" are always up to date. A federally compliant facility may have a variety of readers to carry out the appropriate level of authentication for the specific area and basic access privileges can be assigned through the automated process. The Registrar can also use the Symmetry client to provide more detailed access privileges as needed.



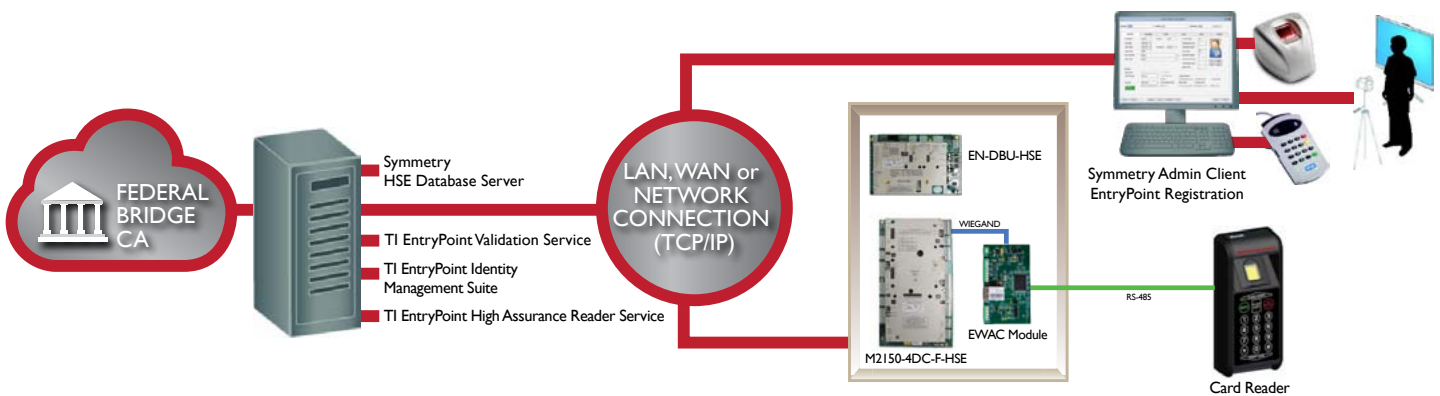
HOW IT WORKS CREDENTIAL AUTHENTICATION

Registration – When a PIV or PIV-I cardholder is authorized to access a facility, they must first present their card to the PIV Validation and Registration System, which will attempt to read digital certificates and biometric data from the credential to ensure the card is not a duplicate. The data traverses the certificate issuance chain back to a known and trusted root authority validating the card and biometric are not counterfeit. Once the certificates have been authenticated, including data read from the card (biometric and biographic) they are validated for authenticity. A photo from the card is then also presented to the Registrar for additional validation of the cardholder identity.

The EntryPoint Identity Management Suite performs updates of the certificate that are stored against

defined revocation lists or live certificate authorities. Revoked credentials are communicated to Symmetry and access privileges are immediately inactivated. Successful validation ensures information is imported to Symmetry and access privileges assigned.

Reader Process – When the cardholder presents their credential to a FICAM reader, the Veridt Stealth series readers interface with the Veridt EWAC module to perform the key challenge to the credential and certificate validation. The information is passed to the Symmetry panel which allows access. Symmetry logs all authorization and access requests. When an error occurs, the EntryPoint system will create an alarm in Symmetry notifying Security Officers of the violation, which improves reaction time and security efficiency.



THE SOLUTION EASY TO CONFIGURE & DEPLOY

The Symmetry FICAM APL solution is easy to configure and deploy. A single instance of the EntryPoint Identity Management Suite is required at the Symmetry server and can run on the same server. Registration software runs on each workstation where PIV and PIV-I cards will be registered into the system. Other Symmetry workstations that are not used for PIV/PIV-I registration do not need the registration software.

The Symmetry EN-DBU-20K-MK2-HSE panel can support up to 16 readers. The M2150-4DC-F-HSE can support up to four of the Veridt EWAC modules. The EWAC module can support one reader each. The M2150-4D-F-HSE can be used for both high

assurance authentication readers as well as low assurance convenience readers; these devices can be mixed and matched for the appropriate situation. The ease of use and flexibility of the system helps reduce deployment costs substantially.

AMAG maintains a dedicated team of Government solutions sales and technical support specialists in the Washington, D.C. area. AMAG has specialized in providing government solutions to Federal Agencies for more than two decades. Symmetry software and hardware is designed especially for Government Agencies and installed and maintained by Certified Symmetry Integrators with extensive Government market experience.



“Partnering with Technology Industries and Veridt provides another FICAM-compliant, GSA-approved solution for our Federal Government customers. We are committed to the government market and will continue to develop Symmetry to comply with current government regulations.”

- Ryan Kaltenbaugh
AMAG Technology, Vice President, Government Solutions

PART NUMBER	DESCRIPTION
SERVER COMPONENTS	
ENT-PLAT-V8.I-HSE	Symmetry Enterprise Homeland Security Platform Software; also available as Professional Platform (PRO-PLAT-V8.I-HSE)
SQL-2014	Microsoft SQL 2014
EP-IDM-STE -AMAG	EntryPoint Identity Management Suite
EP-VAL-AMAG	EntryPoint Validation Service
EP-PACS-AMAG	EntryPoint PACS Connector
EP-HAR-VRT-AMAG	EntryPoint High Assurance Reader Service
CLIENT COMPONENTS	
ENT-CLIENT-V8.I	Symmetry Enterprise Client Software; Also available as Professional Client (PRO-CLIENT-V8.I)
EP-PIV-DIRECT-PAC	Entrypoint Client License
OMNIKEY-312I	HID Omnikey 312I USB smart card reader
TAR-KPD	Targus External USB keyboard
MSO I350e V2	MorphoSmart I350 USB Fingerprint Sensor
FIELD HARDWARE & LICENSING	
EN-DBU-20K-MK2-HSE	Symmetry Edge Network, HSE DBU BOARD ONLY - Onboard NIC, FICAM solution supports approximately 10K cardholders (additional memory modules available). Requires MN-CAB-FIX if adding to enclosure.
M2150-4DC-F-HSE	Symmetry M2150 4DC HSE 4 Reader Panel (-F supports 128-bit card number for FICAM).
ENT-LIC-xxx-V8	Symmetry Enterprise Reader License Add-on – licenses are available in a variety of denominations; Also available in Professional (PRO-LIC-xxx-V8)
900M2000	Veridt EWAC Secure Communications Module
900W2026	Stealth (Contactless, Keypad)
900W2027	Stealth Lite (Contactless)
900W2036	Stealth Dual (Contact, Contactless, Keypad)
900W2037	Stealth Lite Dual (Contactless, Contact)
900W2030	Stealth Bio (Contact, Contactless, Bio, Keypad)

For more information on our Symmetry FICAM APL Solution, please contact:
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