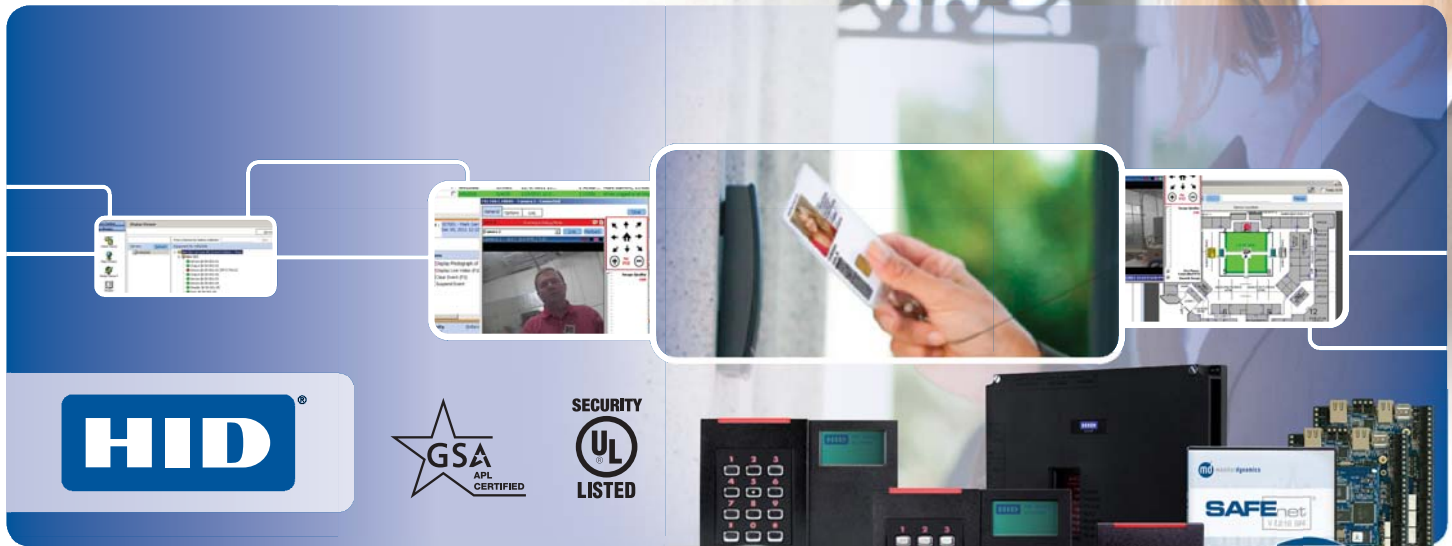# monitordynamics

The Leader in Unified Access & Intrusion

The **Monitor Dynamics®**
Trusted FICAM Platform™
Utilizing: **HID® pivCLASS® Solutions**

Achieving FIPS 201 Compliance: Made Easy

pivCLASS® Readers Meet
Any Authentication Mode
and Any Assurance Level

The Trusted FICAM Platform (Federated Identity Credential and Access Management) is a military-grade high assurance Physical Access Control System (PACS) that delivers a comprehensive FIPS 201 solution inclusive of validation, registration of PIV cards (into SAFEnet), ongoing certificate revocation checks and PKI (strong authentication) at the door. As a GSA Approved and FIPS 201 Certified system, customers can invest with confidence in this field-proven, high security, physical access control solution. The platform implements a process to ensure the PKI based credentials are not copied, cloned, lost, stolen or shared in order to minimize risk and protect critical assets while complying with a broad range of requirements including HSPD-12, FIPS 201, DTM 09-012 and OMB M-11-11 and others.

The Platform's support for and validation of PKI technology, deployed in a bridged environment, forms the core of the PACS system's trust model for PIV and PIV-I credentials. The software platform and pivCLASS readers support strong authentication (at the door) for controlled, limited and exclusion areas as defined by NIST SP 800-116. The authentication mode for a particular entry point can be granularly and dynamically managed to accommodate the customer environment. Strong authentication implements a cryptographic conversation to ensure that the credential presented is genuine. The Platform's "PKI at the Reader" structure, when combined with HID's biometric thentication, ties the credential to the holder, adding to the high assurance and non-transferability of the credential.

Meet Any Assurance Level			Secures against cards that are...				
Security Area (per NIST SP800-116 & Risk Assessment)	Authentication Factors	Authentication Modes	Revoked	Counterfeit or Altered	Copied or Cloned	Lost or Stolen	Shared
Uncontrolled	None	FASC-N	✓				
Controlled	1	CHUID + VIS	✓	✓			
Controlled	1	CAK	✓	✓	✓		
Limited	2	PIV + PIN	✓	✓	✓	✓	
Exclusion	3	PIV + PIN + BIO	✓	✓	✓	✓	✓

HID Global's pivCLASS Government Solutions portfolio is an extensive and interoperable product family that delivers ease in FIPS-201 compliance for U.S. Federal Government agencies to meet physical security regulations and use PIV enabled smart cards for physical access control. The pivCLASS portfolio (pivCLASS readers, pivCLASS Authentication Module and pivCLASS Software), in conjunction with SAFEnet provides a FICAM compliant solution that is cost effective and is seamlessly implemented. The solution is designed in a modular fashion and enables customers to leverage existing infrastructure and preserve initial investments.

HID's pivCLASS® Authentication Module Does the "Heavy Lifting" for PIV Validation

TrustedFICAM
PLATFORM
IDENTITY MANAGEMENT

The Platform was created for organizations required to implement PKI-based smart cards like PIV, CAC, and PIV-I with full support for validation across the U.S. Federal PKI Bridge. The Platform also has support for locally validated credentials such as CIV, FRAC and TWIC and has achieved GSA Approved Products List Certification, making the entire system available for purchase by all Government agencies seeking FIPS-201 compliant and approved systems. It was the first access control system on the market to pass the stringent CertiPath Trusted PACS Certification as a compliant PACS system utilizing FIPS-201 approved components. The Platform was chosen by CertiPath as the test platform for certification of all PIV-I credential issuers. It acts as the "lock" through which all entrants must pass and ensures that PIV-I credential "keys" work while meeting all required identity and facility security mandates. With the Platform in place, the Federated One Badge concept becomes a reality for disparate organizations.

The Platform's authorized credential holders can use a single enterprise issued, digitally certified smartcard badge to enter the building. That same badge is used to securely log on to their personal workstation or laptop.
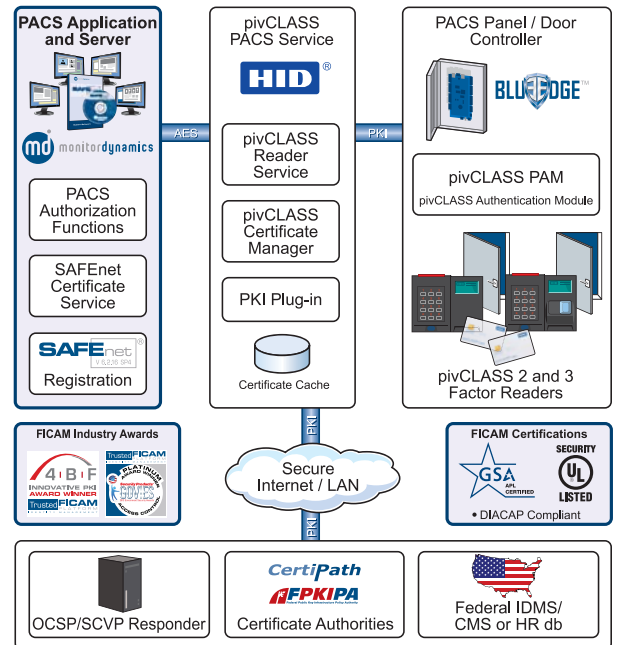
Award Winning : High Assurance PKI-Based PACS

The Trusted FICAM Platform's support for PKI provides critical capabilities never before available in a PACS system. Utilizing the power of the Platform, users are able to:

- Know if the credential has been revoked in near real time
- Know if the issuer or any other authority serving as basis for trust in a credential has been revoked
- Rely on a visitor's own credentials and to receive near real time status information as to the visitor's current company affiliation - This is a key differentiator for the Government PACS market

HID's pivCLASS PACS Service Communicates with Trust Authorities for Security, Interoperability and Compliance

Proven Capabilities

The Trusted FICAM Platform was the first PACS system to read PIV-I utilizing FIPS 201 approved three-factor authentication readers (smart card, biometric and PIN number) in a live Department of Defense operating environment. It has been deployed to over 40 DoD sites across the nation. In addition to its PACS capabilities, the Trusted FICAM Platform unifies intrusion detection, video surveillance and identity management into a centralized command and control dashboard environment with global management and reporting functionality.

pivCLASS®
Government Solutions

SECURITY
UL LISTED

GSA APL CERTIFIED

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