HID®

HID® Crescendo® Temporary Access Card

Crescendo®
Temporary Access Card

READY TO USE, PRE-PROGRAMMED, CREDENTIAL DESIGNED FOR VISITORS THAT ARE NOT PIV-ELIGIBLE

- **Enhance Physical Access Security –** Complete the transition from traditional physical access technology to digital certificate physical access with a FIPS 140-2 certified card

- **Improve Compliance -** Helps US Federal Agencies comply with Office of Management and Budget (OMB) memorandum M11-11 and FICAM implementations

- **Seamless Integration –** Compatible with US General Service Administration (GSA) FIPS 201 approved Physical Access Systems without requiring credential management deployment or PKI issuance infrastructure

- **Trusted Identity –** Pre-initialized with IdenTrust TrustID 3-year device certificates trusted by Microsoft Windows

CRESCENDO® FAMILY

- **Crescendo 1100 –** hybrid card for deployments with a focus on compatibility with traditional PACS technologies

- **Crescendo C1300 -** dual interface card for future proof and advanced security installations based on HID Seos

- **Crescendo 144K FIPS -** hybrid card with United States National Institute of Standards and Technology NIST FIPS 140-2 certification

- **Crescendo PIV -** FIPS 201 certified card that provides the highest level of security and compliance

- **Crescendo TAC -** ready to use, pre-programmed, PIV-like credential designed for visitors that are not PIV-eligible

HID Global's Crescendo® Temporary Access Card (TAC) provides a ready to use, PIV-like credential for physical access.

Many organizations that use PIV or CAC credentials receive those credentials from managed services and don't have the capability to provide temporary credentials to all users who need them.

The Crescendo TAC solves that problem by providing a ready-to-use temporary credential that behaves like a PIV card. Physical Access administrators / security officers simply register the Crescendo TAC in the Physical Access System (PACS) and associate the card to the cardholder, who could then use the card to access the facility.

The user population for Crescendo TAC includes employees that forgot their PIV card at home, seasonal workers, visitors and short-term contractors that are not eligible to receive a PIV or CAC credential.

Using the Crescendo TAC, organizations can standardize their physical access credential to a single technology and increase their security posture by moving to digital certificate based PACS.

Since the Crescendo TAC incorporates IdenTrust digital certificates, it is automatically trusted by major operating systems, including Microsoft Windows, Android and Apple MacOS.

The Crescendo TAC is personalized with digital certificates during manufacturing, and does not require a credential management system or PKI issuance infrastructure, and thus is ideal for all size of organizations.

Because the Crescendo TAC does not contain user information, the Crescendo TAC can be reassigned to a different visitor and reused many times over, lowering costs for organizations.

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SPECIFICATIONS

Product Compatibility	
Client Middleware	ActivID ActivClient or Windows Plug-and-Play Minidriver
Management System	Not Applicable (card pre-initalized at manufacturing)
Physical Access System	HID pivCLASS and most US General Service Administration (GSA) FIPS 201 approved Physical Access Systems
Personalized Data	
Data elements	All PIV mandatory data elements personalized
Card Holder Unique Identifier	GUID present and FASC-N set to 999...
PIV Auth Certificate	TrustID Card Authentication certificate with unique serial number and GUID - valid 3 years from manufacturing date
Card Auth Certificate	TrustID Card Authentication certificate with unique serial number and GUID - valid 3 years from manufacturing date
Fingerprints	Record present with 0 fingerprints
PIN code	Default PIN code that can be updated by the user; no PIN unlock capability
Facial Image	Record present with a generic image
PIV Secure Messaging	Initialized
Host Interface	
Platform	Java Card 3.0.4 Global Platform 2.2
PACS Technology Combinations	FIPS 201 compliant
Cryptographic Algorithms	AES-128, DES and Triple DES, RSA 1024 and 2048, ECC
Smart Card Interface	Contact ISO 7816-3 Contactless ISO 14443 Type A
Communication Speed	Contact up to 115,200 bps Contactless up to 848 Kbps
Dimensions	2.127" x 3.375" x 0.033" max (54 x 85,7 x 0,84 mm)
Operating Conditions	
Card Construction	Composite PVC/PET
EEPROM Size	144 Kbytes
EEPROM Endurance	500,000 cycles
EEPROM Data Retention	20 years
Storage Temperature	-25°C to +85°C
Compliance and Regulatory	
Security Measures	Clock frequency, temperature, supply voltage and light sensors Single Fault Injection (SFI) attack detection Differential Power Analysis DPA protection Timing and fault attacks prevention (DFA)
Printer Compatibility	Direct to Card DTC or High Definition HDP reverse printing
Security Evaluation and Certification	Common Criteria EAL 5+ NIST FIPS 140-2 Level 2 NIST FIPS 201
Ordering Information	
Warranty	3 years