HID®

pivCLASS® Transitional Readers

Meet NIST assurance-level requirements for these areas:

"Unrestricted" Areas	"Controlled" Areas	"Limited" Areas	"Exclusion" Areas

TRANSITIONAL READERS ENABLE A GRADUAL APPROACH TO HIGH SECURITY, INTEROPERABILITY AND COMPLIANCE

- **Ease of Migration** – Transition to higher security and compliance with NIST's assurance level requirements for restricted areas as resources and budget allow.

- **Flexible** – Easily switch from Wiegand output to RS-485 output supporting FIPS 201 compliance without replacing readers.

- **Dynamic** – Supports PIV, PIV-I, CAC, CIV (a.k.a., PIV-C), TWIC, FRAC, iCLASS® and HID Prox cards for easy transitions from legacy technology to new PKI-enabled smart cards.

STEPS TO MIGRATION:

1. Deploy the pivCLASS® Registration Engine to validate cardholder credentials and register into the PACs head-end system.
2. Add the pivCLASS Certificate Manager for periodic revalidation of all registered credentials.
3. Install the pivCLASS Authentication Module (PAM) for maximum security – at each supported assurance level.
4. Reconfigure readers, in the field, to RS-485 mode for FIPS 201 compliance

HID Global's pivCLASS® transitional readers provide customers with the ability to transition to full FIPS 201 compliance over time. Choose from a variety of pivCLASS contact, contactless and dual interface readers that support legacy access technologies and then move to higher security.

To facilitate migration, the pivCLASS Authentication Module (PAM) is installed, enabling reconfiguration to meet security requirements for higher assurance-level areas, as defined by the National Institute of Standards and Technology (NIST) special publication SP800-116.

Contactless readers – The pivCLASS contactless readers and their proximity–enabled versions can be used initially for legacy Wiegand outputs and then be reconfigured to support CHUID + VIS and CAK authentication modes. Both modes provide a signature check, ensuring the credential has not been counterfeited or altered. In CAK mode, an additional PKI challenge-response check ensures the card authentication certificate has not been copied or cloned.

Dual contact/contactless readers – The pivCLASS multi-technology readers and their proximity–enabled version can be used initially for legacy Wiegand outputs and then reconfigured to support CHUID + VIS, CAK and PKI + PIN authentication modes. Using the PKI + PIN authentication mode adds additional protection against lost or stolen cards.

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