

# CoreStreet PIVMAN for Lenel Solution

## Mobile Credential Verification with your Lenel OnGuard<sup>®</sup> System

The CoreStreet PIVMAN Solution is the leading solution for mobile authentication and validation of government issued credentials such as TWIC, PIV, FRAC and CAC cards. The CoreStreet PIVMAN for Lenel Solution provides all the features and benefits of the standard Solution plus the additional benefit of integration to Lenel OnGuard to:

- Display cardholder access levels assigned in OnGuard on any handheld running the CoreStreet PIVMAN Client software, and
- Centrally monitor CoreStreet PIVMAN Client audit logs in OnGuard.

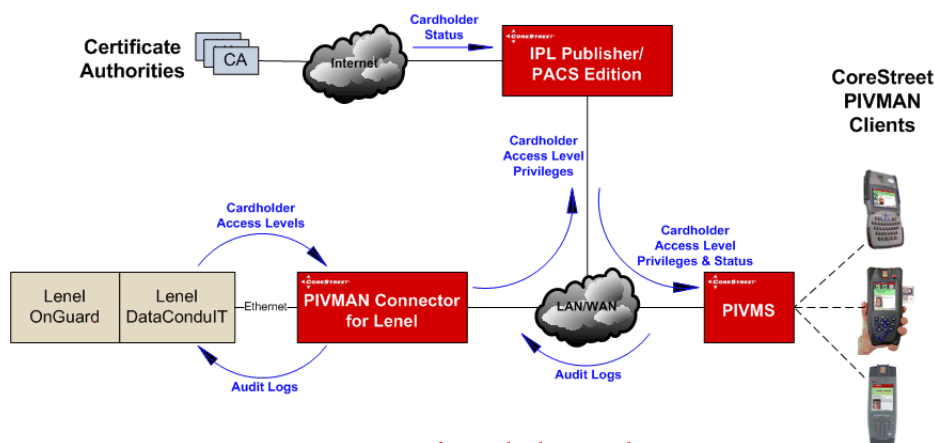
The CoreStreet PIVMAN for Lenel solution is designed to scale for large or small organizations, accommodate a wide array of system architectures, and support operations with or without real-time communications. Additional key features of the solution are:

- *Supported Credential Types:* PIV, TWIC, FRAC, CAC, State Drivers Licenses, PROX cards
- *Government Approvals and Certifications:* TSA Initial Capability Evaluation (ICE) List, GSA FIPS 201 Approved Products List (APL), DHS Approved Equipment List (AEL), FIPS 140-2 Cryptographic Modules



- Displays trust and status for credentials based on TSA TWIC Hotlist and Federal Government PKI
- Validates credentials and authenticates cardholders according to user defined assurance levels (e.g., assurance levels set to apply security policy for the range of MARSEC or DHS threat levels)
- Displays emergency responder privileges managed by FEMA and other attribution authorities
- Green/red/yellow color coding for results of identity and attribute verification provides operators with guidance to apply security policies

The solution architecture is shown in the diagram below:



*CoreStreet PIVMAN for Lenel Solution Architecture*

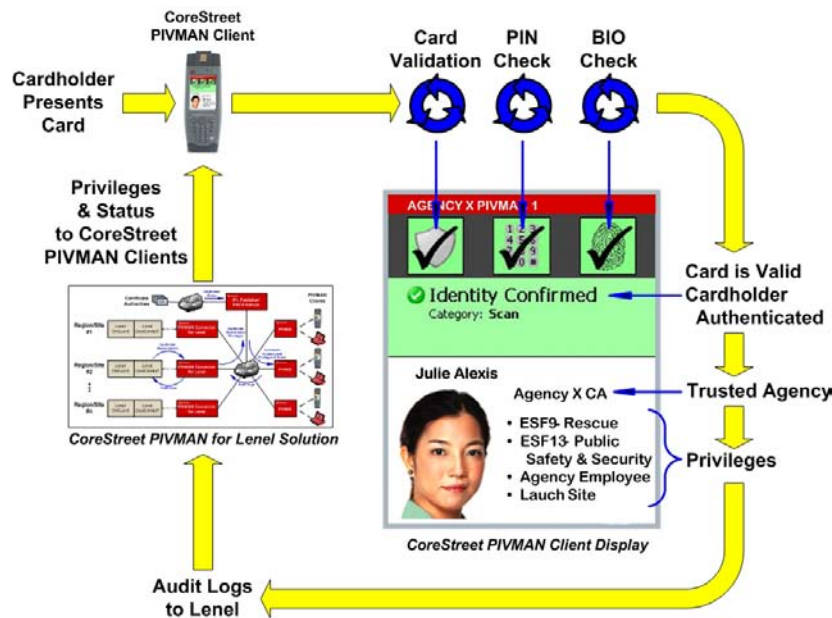
The PIVMAN architecture comprises:

- The CoreStreet PIVMAN Connector for Lenel is a software service that retrieves cardholders and their assigned access levels from the Lenel OnGuard system, uploads the cardholders and their assigned access levels to the CoreStreet IPL Publisher/PACS Edition, and uploads CoreStreet PIVMAN Client audit logs to the Lenel OnGuard system. All communication with this service from the Lenel OnGuard system via DataConduIT.
- The CoreStreet IPL Publisher / PACS Edition is a software service that generates Identity & Privilege Lists (IPLs) and retrieves cardholder status updates (e.g., CRLs, TWIC Hotlist). The PACS Edition combines certificate or ID credential status data with privilege data (access levels) from the Lenel OnGuard system.
- The CoreStreet PIVMAN Management Station is a system that manages the processing and distribution of information contained in one or more Attribute Authority databases to CoreStreet PIVMAN Client devices. The CoreStreet PIVMAN Management Station (PIVMS) also receives logs of identity verification activity and other activity information from CoreStreet PIVMAN Client devices that is sent to the CoreStreet PIVMAN Connector for upload to OnGuard.

- The CoreStreet PIVMAN Client software running on handheld devices or PCs reads ID credentials, verifies that information in the ID credential is valid, optionally verifies additional authentication factors (for example, a PIN or fingerprint scan), and displays any privileges that have been associated with that ID credential.

The CoreStreet PIVMAN for Lenel Solution enables organizations to authenticate cardholders, validate their credentials, and check what logical as well as physical privileges they have been assigned. A security officer operating a handheld running the CoreStreet PIVMAN Client software is provided with the following cardholder information:

- **Authentication** – Does the cardholder match the identity stored on the card?  
They look like their digital picture stored on the card.  
They know the PIN stored on the card.  
Their fingerprint matches the one stored on the card.
- **Validation** – Is the card presented by the cardholder valid?  
The card was issued by a trusted agency.  
The card has not been revoked by the trusted agency.  
The data stored on the card has not been modified.
- **Privileges** – What privileges has the cardholder been assigned are displayed:  
Access levels for cardholder enrolled in the facility’s Lenel physical access control system



CoreStreet PIVMAN Operation

## CoreStreet PIVMAN Suite Overview

The CoreStreet PIVMAN Suite of software products provides solutions for several of today's most critical Identity & Access Management challenges in the area of Homeland Security. Whether trying to provide for improved Maritime and Transportation Security through the TWIC program, for more responsive management of emergency situations through DHS FEMA's FRAC program, or simply trying to improve access to military facilities by linking existing PACS systems to the newly mandated FIPS 201 compliant CAC cards ... the CoreStreet PIVMAN Suite can provide the solution based on field-proven, massively scalable and secure technology.

Specific solution sets include:

- CoreStreet PIVMAN for TWIC Solution** - consists of a stand-alone portable TWIC reader running the CoreStreet PIVMAN Client software. The device is able to read the TWIC card and uses the TSA TWIC hotlist to determine if the TWIC is still valid. Supported handheld devices currently include:
  - Cross Match Technologies Be.U Mobile SMC800
  - Datastrip DSV2+TURBO
  - MaxID iDLMax
  - Motorola MC70
  - Roper Mobile Technologies DAP CE3240B / BWE
- CoreStreet PIVMAN Solution** - is a more comprehensive solution that adds in support for other standard credentials such as FRAC, PIV, CAC, drivers licenses and provides a robust management and reporting suite. The CoreStreet PIVMAN Solution allows customers to tap into \$1B+ Federal government investment in its credentialing programs to determine validity and access rights.
- CoreStreet PIVMAN for Lenel Solution** - expands the system capabilities to allow Lenel users to have CoreStreet PIVMAN Client devices automatically synchronize with OnGuard<sup>®</sup> for centralized management, monitoring, and reporting. CoreStreet PIVMAN for Lenel also allows the reader operator to see privileges from OnGuard (access levels) displayed on the screen. This functionality allows a relying party to determine not only if a credential is valid, but also if the cardholder has the access rights specific for the local facility.

## Further Information

To learn more about the CoreStreet PIVMAN Suite of products that are available to implement the solutions that will address your specific mobile identity verification requirements, contact us or visit our website at [www.corestreet.com/pivman](http://www.corestreet.com/pivman).



*Handhelds Running the CoreStreet PIVMAN Client*