

CoreStreet PIVMAN Solution

The Standard in Mobile Credential Verification

Overview

The CoreStreet PIVMAN Solution is the leading solution for mobile authentication and validation of government issued credentials such as TWIC, FRAC, PIV and CAC cards. The Solution consists of server software and handheld devices designed to provide authorized personnel with the ability to confidently control access to any site by quickly authenticating and validating the identities and privileges of individuals wishing to enter an area.

These capabilities are critical in scenarios that require accurate information about credential holders, but where network connectivity is unreliable – scenarios such as, natural disasters, homeland security incidents, maritime security, border control, and perimeter security. In any of these cases, those tasked with security are presented credentials issued by various organizations. These credentials may include government smart cards, local ID cards, national IDs, passports, and driver's licenses.

The CoreStreet PIVMAN Solution draws information from multiple independently maintained sources, which it publishes to handhelds in a highly compressed format. This data is used to validate identities, check privileges, and display results. Participating organizations at the city, regional and

national levels maintain their ownership of the identity and privilege databases. The solution synchronizes this information dynamically using public wired or wireless connections, when available, so that the handheld devices are always up-to-date with the latest information.

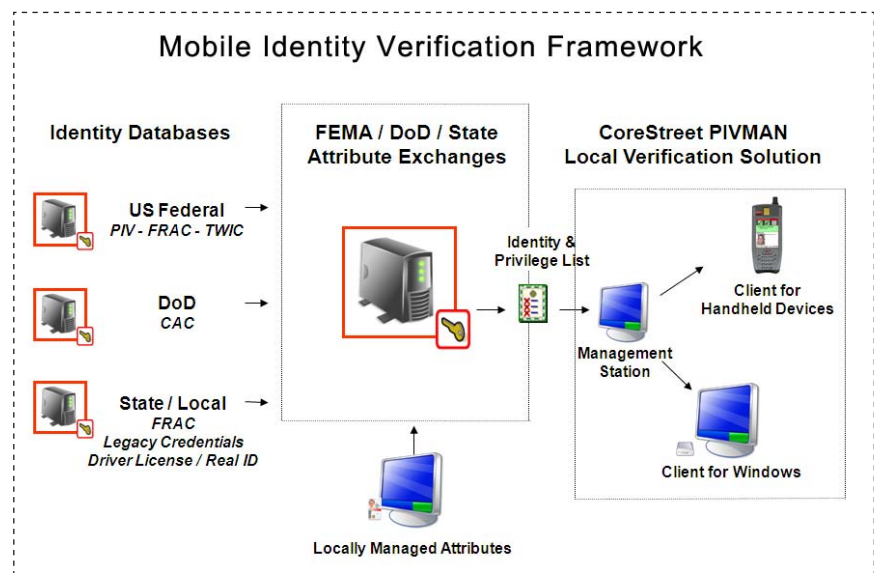
The CoreStreet PIVMAN Solution is designed to scale from small to large (100M+) organizations, to accommodate a wide array of system architectures, and to support operations with or without real-time communications.

Additional key features of the solution are:

- **Supported Credential Types:** PIV, TWIC, FRAC, CAC, State Drivers Licenses
- **Standards 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
- **Third Party Extensibility:** Applications from third parties can easily be integrated into the CoreStreet PIVMAN Solution through the CoreStreet PIVMAN SDK

Solution Architecture

The overall solution architecture for the CoreStreet PIVMAN Solution is shown below:



The overall solution architecture for the CoreStreet PIVMAN Solution comprises the following:

- The **CoreStreet IPL Publisher** is a software service run by Attribute Authorities that generates Identity & Privilege Lists (IPLs) and retrieves cardholder status updates (e.g., CRLs, TWIC Hotlist).
- The **CoreStreet PIVMAN Management Station** is a system that manages the processing and distribution of information contained in one or more Attribute Exchanges to CoreStreet PIVMAN Client devices. The CoreStreet PIVMAN Management Station also receives logs of identity verification activity and other activity information from CoreStreet PIVMAN Client devices.
- The **CoreStreet PIVMAN Client** software running on handheld devices or PCs reads ID credentials, verifies that information in the ID credential is valid, verifies additional authentication factors (for example, a PIN or fingerprint scan), and displays any privileges that have been associated with that ID credential.

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 improved emergency management response through the DHS FEMA FRAC program, or simply trying to improve access to military facilities by linking existing PACS systems to the DoD's 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® 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.



Handhelds Running the CoreStreet PIVMAN Client