

CoreStreet PIVMAN Attribute Management Client

Registration and management software for attributes associated with identity credentials

Overview

The CoreStreet PIVMAN Attribute Management Client (AMC) is a software solution designed to allow organizations to perform validity checks of credentials and register attributes associated with these credentials into backend attribute exchanges (e.g. FEMA's FEROD Database or the DoD's PIPA attribute exchange). AMC interfaces to an existing Attribute Exchange for operator authentication and transmission of data.

Use Case Scenario

The "Attribute Registrar" is typically responsible for assigning attributes to individuals within her/his organization. The Attribute Registrar uses AMC to verify the identity of an individual applying for attribute registration using all of the authentication factors available on a FIPS 201 style credential. This includes verification that the credential was issued by a trusted source, validation of the credential's revocation status, and authentication of the person presenting the credential through different factors such as the Personal Identification Number, biometric comparison between the credential and the live fingerprint, the display of the digital photo and any attributes already associated with the credential. The Attribute Registrar then assigns, modifies, or removes the appropriate attributes for the credential and completes the transaction.

A record of the transaction is logged and transmitted to the Attribute Exchange the next time the AMC synchronizes. The transaction record contains the credential assigned to the cardholder and a list of attributes assigned to the credential. Transactions that involve revoked cards or other cards with security questions can be flagged for Attribute Administrator review. The Attribute Administrator then can review all of the records and determine if they are indeed correct. Once approved by an Attribute Administrator, the transaction records are aggregated and transmitted to the attribute exchange in the infrastructure cloud.

Features and Functions

- Attribute registration and management, including credential validation, for traditional fixed registration stations with network connectivity
- Portable or mobile attribute registration and management, including credential validation, for remote or sensitive locations without network connectivity

Supported credential types

- US Government issued smart cards, including:
 - FIPS 201-compliant PIV cards
 - First Responder Authentication Credential (FRAC)
 - Transportation Worker Identification Credential (TWIC)
 - Department of Defense (DoD) Common Access Card (CAC)

Requirements

Software

- Microsoft Windows XP SP3

Hardware

- 1 GHz Intel x86 processor
- 256 MB memory
- 50 MB available disk space
- PC/SC compliant smart card reader
- Optional Biometric fingerprint reader. CoreStreet supported readers include:
 - Identix BioTouch 500
 - Identix DFR-2100

Availability

To learn more about the CoreStreet PIVMAN Solution, visit our website at www.corestreet.com/PIVMAN. The CoreStreet PIVMAN AMC software is currently available for purchase and deployment. Contact your CoreStreet representative or partner for more information.