

CoreStreet FIPS-201 Head-end Developer Bundle

Enables physical access control products with full FIPS 201 functionality

Overview

As a leader in the credential infrastructure and application market CoreStreet continues to develop new solutions for logical and physical security in the Federal public key infrastructure (PKI) market. Nearly every Federal agency takes advantage of CoreStreet products, as well as many commercial institutions, for distributed credential validation – a core aspect of the capabilities required by FIPS 201.

The CoreStreet FIPS-201 Head-end Developer Bundle is one of a suite of CoreStreet products tailored for physical access control manufacturers and their integrators. The Bundle specifically enables physical access control products to fully leverage and comply with FIPS 201. The bundle allows physical access original equipment manufacturers (OEMs) to develop their own branded solutions with the industry recognized CoreStreet-Enabled™ classification.



HSPD-12 mandates that physical access control systems (PACS) used by the Government and their contractors comply with standards defined by FIPS 201. These standards require that PACS:

- Use FIPS 201-compliant smart cards for access control
- Verify the card authentication certificate and check that it was signed by a trusted Government authority
- Provide for strong authentication based on the card authentication certificate by enabling PKI challenge and response
- Check for credential revocation

FIPS 201 enable your products

To address each of the requirements called out by FIPS 201, the CoreStreet FIPS-201 Head-end Developer Bundle includes the following CoreStreet components:

- **CoreStreet Path Builder SerVE** provides a service for digital certificate validation through the Online Certificate Status Protocol (OCSP) and Server-based Certificate Validation Protocol (SCVP)
- **CoreStreet Path Builder SerVE SDK** provides code libraries to integrate applications with Path Builder SerVE
- **CoreStreet Smart Card Library** provides code libraries for authenticating and using all available data on smart cards, including:
 - All FIPS 201 compliant credentials
 - Department of Defense Common Access Card (CAC)
 - First Responder Authentication Credential (FRAC)
 - Transportation Worker Identification Credential (TWIC)
- **CoreStreet Validation Service Account** provides the developer with access to the OCSP/SCVP service hosted by CoreStreet (for development and testing use only)
- **Sample Code** to aid developers
- **Documentation** for the bundle components

Availability

To learn more about CoreStreet and our products, please visit our website at www.corestreet.com/FIPS or contact us at +1 617.661.3554 or info@corestreet.com.