

ICAM Framework (§2.6)

PKI Target State

- DOE federal employees and contractors have one set of PKI certificates
- The enterprise PKI is cross-certified with the Federal Bridge via Federal Common Policy framework.
- The enterprise PKI issues PKI certificates for use cases where interoperability and trust is required
 - Other DOE Sites, Other Federal Agencies, External Partners, Citizens
- The enterprise PKI interfaces with the enterprise identity data broker (§2.1.3) for identity information needed for PKI certificates
 - Enterprise identity data broker links authoritative data sources of identity data
- DOE Organizations implement internal (or local) PKI to satisfy PKI requirements that do not require trust and interoperability with other organizations.
 - Locally issued Smart Card credentials that are only used for access and information exchange within the organization
 - Devices (computers, servers, routers, etc) that are trusted only on the network or infrastructure within the organization

DOE Federated ICAM Framework

https://powerpedia.energy.gov/wiki/File:DOE_Federated_ICAM_Framework.pdf