

ActivIdentity Solutions for Government Solutions for Common Access Card

For U.S. Department of Defense (DoD) agencies, ActivIdentity® Solutions for Common Access Card (CAC) allow usage of government-issued CAC cards for a variety of applications.

ActivClient®, the market-leading smart card middleware from ActivIdentity, allows usage of the CAC certificates for strong authentication to networks, workstations, and applications, as well as secure information and transactions with digital signature and encryption.

For agencies concerned about the rising threat of confidentiality or privacy breach due to lost or stolen laptops, ActivClient works together with leading mobile data protection solutions.

ActivIdentity also enables secure access to legacy applications that are not PKI-enabled: SecureLogin® SSO works together with ActivClient to extend CAC authentication to virtually any application (through single sign-on technology).

Business benefits

Risk mitigation

In today's world, a security or privacy breach can result in grave consequences, especially for government agencies who handle sensitive information. ActivIdentity solutions for CAC reduce the risk of such events by enabling strong proof of identity and secure access to information.

Accountability

When a security incident occurs, the organization must be able to identify the individuals who broke the rules. Strong proof of identity is key to providing legally enforceable proof of any access to facilities, IT systems and information.

Cost reduction

Many agencies have separate processes and systems for issuance of IT security tokens for remote access. This results in high cost due to duplicate costs for issuance and management of additional devices. With ActivIdentity solutions, CAC cards can be used interoperably for all identity and access control needs throughout the organization - increasing security and reducing operating costs.

Productivity

In a typical government agency, users login with user names and static passwords multiple times per day. With smart card authentication, the login experience is fast with an ATM-like experience (insert your card and type your PIN).

Highlights

Strong Authentication to IT resources

ActivClient provides CAC certificate authentication for remote access, workstation and network access, and application access. Extend CAC authentication to non PKI-enabled applications with SecureLogin SSO.

Secure communications and transactions

ActivClient enables CAC-based digital signature and encryption with leading e-mail clients, office suites, file encryption software, and virtually any other security application that supports industry standard cryptographic interfaces such as PKCS#11, Microsoft Crypto API, U.S. GSC-IS, and others.

Mobile Data Protection with CAC

ActivClient is integrated with leading mobile data protection solutions including PointSec®, SafeBoot®, WinMagic® and more.

Multi-Platform CAC support

ActivClient enables CAC usage on a variety of operating systems including Windows®, Solaris®, Sun Ray® and Linux®.

What is a Common Access Card?

The U.S. DoD Common Access Card (CAC) is the standard ID card for nearly four million active duty military personnel, DoD civilian employees and eligible contractor personnel. It is used for physical access to buildings, for logical access to computer networks and systems, as a passport while traveling outside the US and as an electronic purse for new recruits.

The Integrated Chip Circuit (ICC) on the CAC contains digital certificates for

authentication, signature and encryption, demographic data pertaining to the cardholder, as well as other relevant data and credentials.

The Common Access Card program is the largest deployment of multi-function smart card in the world. Since 2000 the Department of Manpower Data Center (DMDC) has issued over 10 million CAC using industry-leading card management technology provided by ActivIdentity and its partners.



▶ ActivIdentity Solutions for Government

Technical benefits

Field-proven

ActivIdentity solutions are used by many government agencies around the world including the U.S. DoD, Veterans Affairs and Department of Interior, as well as Singapore Defense Science and Technology Agency (DSTA).

Security across IT infrastructures

Enable multi-factor security with smart cards across the IT infrastructure, including secure access to workstations, networks and application as well as secure information and secure transactions. ActivClient is available for a variety of platforms including Windows®, Solaris®, Sun Ray®, Linux® and Mac OS®.

Ease of deployment and support

ActivClient supports software push technologies for seamless and cost-effective deployment, and offers unique troubleshooting and diagnostics features for optimal supportability.

Extensible and open

Public APIs and SDKs allow easy integration with additional security applications and for creation of agency-specific functionality leveraging the digital certificates or the demographic data in the CAC.

Future-proof

ActivClient middleware shields organizations from the headaches of evolving interoperability standards by providing transparent support for multiple generations of specifications including U.S. DoD CAC, GSC-IS 2.1 and PIV, and will continue to evolve to support new standards.

A name you can trust

With over a decade of domain expertise, a broad patent portfolio and an extensive investment in ongoing research and development, ActivIdentity develops all its software products internally and ensures that its solutions continue to provide the industry-leading security, usability, and interoperability that government agencies require.

Standards support

- U.S. DoD CAC
- U.S. DoD GSC-IS
- GlobalPlatform / OpenPlatform
- Java Card™
- FIPS 201 / PIV certified cards and applications
- FIPS 140-2 certified cards and applications
- FIPS 140-2 certified Hardware Security Modules
- Section 508 accessibility requirements
- A variety of Public Key Infrastructure standards including PKCS#7, PKCS#10, PKCS#11, X509, CRMF / CMMF / CRM

Standards and affiliations



NIST



GLOBALPLATFORM



ActivIdentity offers Products

- ActivClient®
- SecureLogin® SSO
- ActivIdentity Readers

Technology Solutions

- Strong Authentication
- Secure Information and Transactions
- Enterprise Single Sign On
- Device and Credential Management

Government Solutions

- Smart Employee ID for Government
- Smart Employee ID for PIV
- Smart Employee ID for UPSA
- Solutions for Common Access Card
- Smart Citizen ID Card
- Smart Citizen Entitlements Card

Other Industry Solutions

- Smart Employee ID
- Single Sign On for Healthcare
- Strong Authentication for Banking