ActivIdentity ActivID
Proven credential management systems to securely deploy smart cards and USB tokens

expertise
trust
compliance
CONFIDENCE
security

scalability
convergence
post-issuance
cross-certification
CREDENTIAL MANAGEMENT
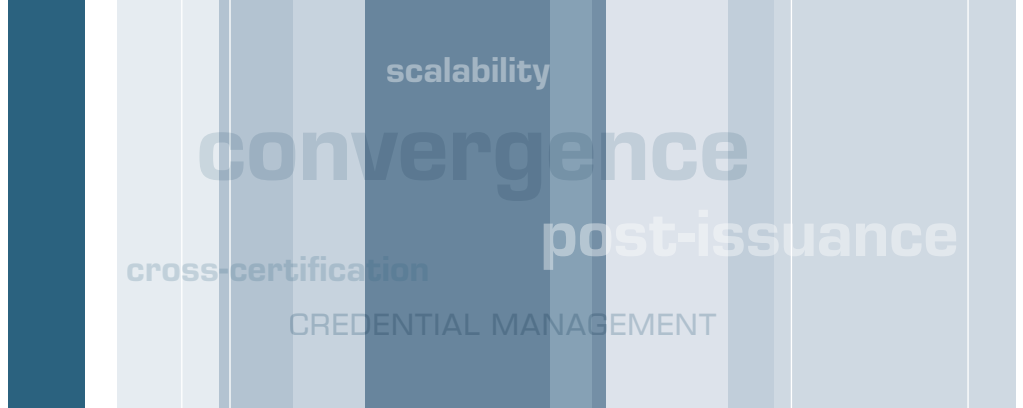
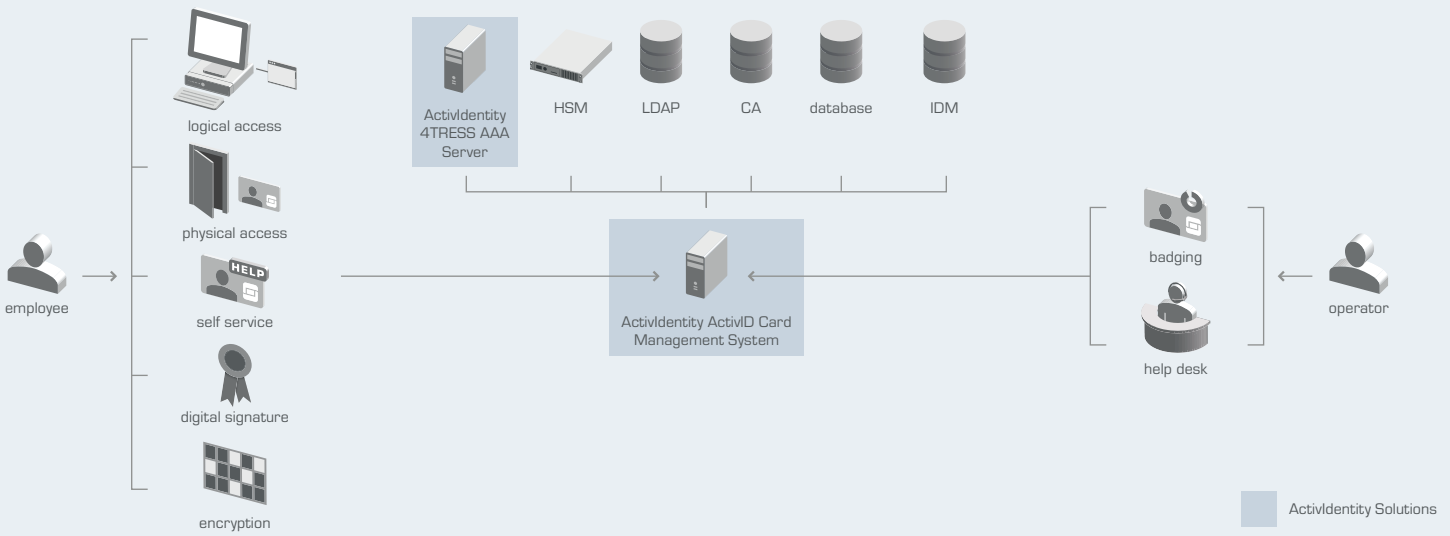**ActivIdentity ActivID Credential Management System Benefits**

- Enhanced productivity by providing a single platform to issue and manage devices and credentials

- Capability to address a broad range of organizational requirements out of the box as part of the Classic Edition; advanced functionality available via the Advanced Edition

- Unique, patented post-issuance update capabilities that allow organizations to extend the life time of authentication devices, offering substantial cost-savings and productivity enhancements

- Proven technology that numerous security-minded organizations have leveraged to issue hundreds of millions of credentials

- Compliance with stringent U.S. federal government Personal Identity Verification (PIV) standards

- Easy integration with a wide variety of operating systems, directories, front- or back-end identity management and provisioning systems, certificate authorities, and physical access control systems

The ActivIdentity ActivID™ suite of Credential Management products provides a complete, flexible, and highly configurable solution for organizations seeking to replace traditional user names and passwords with digital identities that enable strong authentication, encryption, and electronic signatures. ActivIdentity ActivID Credential Management products enable organizations to securely issue and manage smart cards and smart USB tokens containing a variety of credentials, including public key infrastructure (PKI) certificates, one-time passwords, static passwords, biometrics, and demographic data. Using the proven, highly reliable ActivIdentity ActivID Credential Management products, organizations can securely manage a large number of end users, dispersed locations, and heterogeneous environments, as well as update credentials at any point in their life cycle.

ActivIdentity ActivID Credential Management solutions include the following features and capabilities:

- Customizable workflows and policies that readily adapt to a variety of environments and deployment scenarios

- Full, tamper-evident audit features that log all event activities for reporting

- Extensibility to support batch and service bureau issuance models

- Unique, patented post-issuance update capabilities

- Web-based self service

ACTIV ID ENTITY™

- logical access
- physical access
- self service
- digital signature
- encryption

employee

ActivIdentity 4TRESS AAA Server

HSM LDAP CA database IDM

ActivIdentity ActivID Card Management System

badging

help desk

operator

ActivIdentity Solutions

- Web-based help desk administration

- Extensible plug-in capability which allows to extend and customize the product feature set

The ActivIdentity ActivID suite consists of the ActivIdentity ActivID™ Card Management System, as well as two add-on modules: ActivIdentity ActivID™ Batch Management System, which is bundled into the Advanced Edition of ActivIdentity ActivID Card Management System and ActivIdentity ActivID™ Identity Registration System, which enables Personal Identity Verification (PIV) and PIV-Interoperable compliant enrollment of applicants.
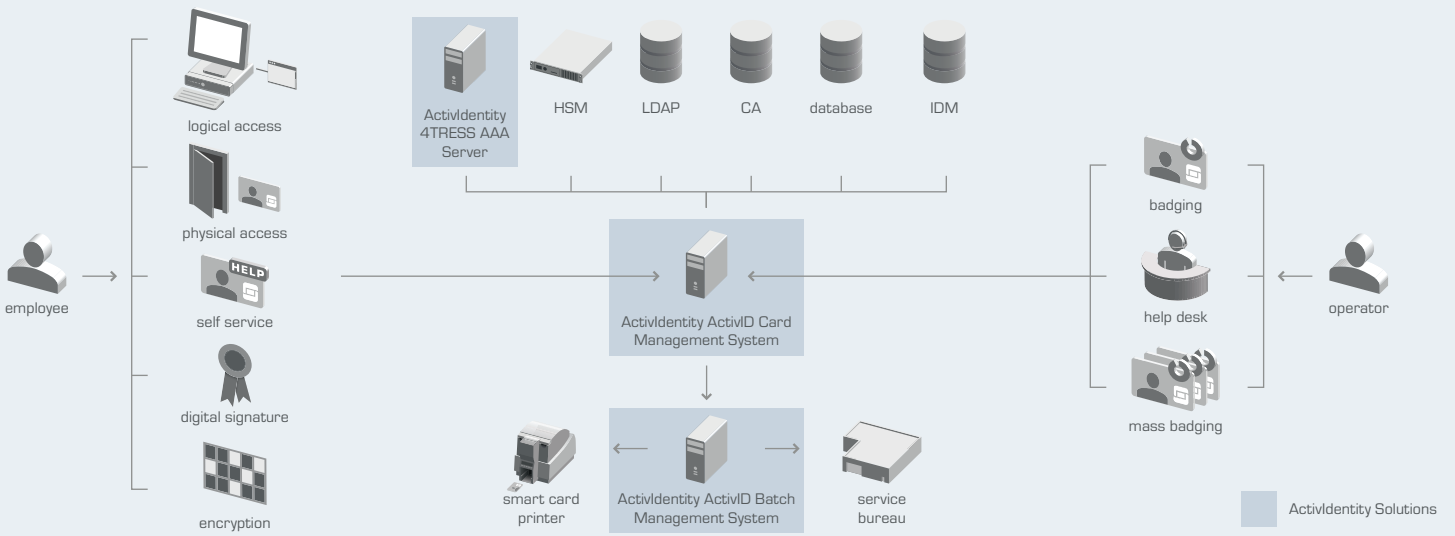
Together with its Security Client software, Strong Authentication platform, and Authentication Device offering, ActivIdentity can provide organizations with a complete "Smart Employee ID Solution" that can be leveraged for both physical and logical access control. The ActivIdentity ActivID offering also includes a software development kit for systems integrators and independent software vendors.

ActivIdentity ActivID Card Management System

ActivIdentity ActivID Card Management System provides a complete, flexible, and highly configurable solution to manage the issuance and administration requirements of successful smart chip deployments. With ActivIdentity ActivID Card Management System organizations can manage their authentication devices (e.g., smart cards and smart USB tokens), data (e.g., static passwords, biometrics, and demographic data), applets (e.g. one-time password applications and PIV applets), and digital credentials (including PKI certificates) throughout their entire life cycle.

When the ActivIdentity ActivID Card Management System is deployed with the ActivIdentity ActivClient[v] security software, organizations can use smart cards for both strong authentication to the corporate network and physical access to corporate facilities.

logical access

physical access

HELP

self service

employee

digital signature

encryption

ActivIdentity
4TRESS AAA
Server

HSM   LDAP   CA   database   IDM

ActivIdentity ActivID Card
Management System

badging

help desk

operator

mass badging

smart card
printer

ActivIdentity ActivID Batch
Management System

service
bureau

ActivIdentity Solutions

ActivIdentity ActivID Batch Management System

The ActivIdentity ActivID Batch Management System extends the functionality of the ActivIdentity ActivID Card Management System to enable organizations to communicate securely with service bureaus for personalization and encoding of their employee smart cards. ActivIdentity ActivID Batch Management System creates and manages batches of smart card requests, and exchanges information with the service bureau that executes these requests and produces the cards. At the same time, the ActivIdentity ActivID Batch Management System communicates with the ActivIdentity ActivID Card Management System to enable secure post-issuance activation and life cycle management of the smart cards after production is completed.

ActivIdentity ActivID Identity Registration System

The ActivIdentity ActivID Identity Registration System extends the functionality of the ActivIdentity ActivID Card Management System to enable organizations to capture and validate identity information in accordance with PIV and PIV-Interoperable standards. The system provides a web-based sponsorship and adjudication interface and integrates with external identity proofing systems (e.g., government Automated Fingerprint Identification Systems [AFIS] or commercial intelligence services such as ChoicePoint). Security officers performing the end user enrollment and badging can enroll the applicant's biographic (e.g., name, address, affiliation) and biometric data (e.g., fingerprints, facial image), as well as capture the applicant's ID (e.g. driver's license, passport) with optional advanced hardware.

ActivIdentity ActivID Card Management System Third-Party Interoperability

ActivIdentity ActivID Card Management System is interoperable with many third-party systems including those from:

- Novell
- Oracle
- Sun Microsystems
- IBM
- Entrust
- VeriSign
- Verizon Business
- Exostar
- Microsoft
- Honeywell
- Lenel

Technical Specifications

	ActivIdentity ActivID Card Management System	ActivIdentity ActivID Batch Management System
Server Platform Support	**Operating Systems:** Microsoft Windows® Server 2003 R2 / SP2, Microsoft Windows Server 2008 (32- and 64-bit), Solaris 10 SPARC and Solaris 10 x86	**Operating Systems:** Microsoft Windows® Server 2003 R2 / SP2
	Databases: Oracle® 9i R2 and 10g R2 (both for CMS Windows), Microsoft® SQL Server 2005 Enterprise SP2 and 2000 Enterprise SP4 (both for CMS Windows)	**Databases:** Oracle® 9i R2 and 10g R2
Client Platform Support	**Operating Systems:** Windows Vista 32- and 64-bit (any edition), Windows Server 2008 (32- and 64-bit), Windows Server 2003 SP1 / R2 / SP2, Windows XP SP2 / SP3, Windows 2000 SP4, Solaris™ 10 on SPARC® and on x86, Novell SUSE 10 SP2 (32-bit only), Red Hat® Enterprise Linux® 4, Red Hat Linux 5 (AS, ES, WS, Desktop) (32-bit only), MAC OS® X 10.4 and 10.5	**Operating Systems:** Windows XP SP2 / SP3
	Browsers: Internet Explorer 6.0 and higher, Firefox® 1.5 and higher, Safari on Mac OS X Mozilla® 1.7, SeaMonkey® 1.1.13	**Browsers:** Internet Explorer 6.0 and higher
Main Feature Set	**Administrative Services:** Issuance, card life cycle management, PIN management, certificate management, AAA management, user management, configuration	**Administrative Services:** Allocation of batch orders, information exchange with ActivIdentity ActivID Card Management System, generation and encryption of data exchange with service bureau, synchronization of smart card status
	Card Holder Services: Issuance, card life cycle management, PIN management, AAA management, authentication, post-issuance	
Supported Devices	**Java Cards:** ActivIdentity ActivKey® Display, ActivIdentity ActivKey SIM, and ActivIdentity Smart Cards; smart cards from vendors such as Atmel®, Axalto, Gemplus®, Gemalto™, Giesecke & Devrient, and Oberthur Technologies; PKCS#11 devices that comply with ActivIdentity ActivID Card Management System requirements	
	Smart Card Readers: Readers supported by ActivIdentity ActivClient, PC / SC readers provided in the supported printers	
	Biometrics Service Providers: Precise Biometrics	
	Smart Card Printers: Datacard® (Magna2M / Magna Platinum), FARGO® (HDP820 / HDP825 / HDP600 / DTC515 / DTC525) as well as other smart card printers as long as they are supported by Datacard ID Works Standard Edition 6.5 and ImageWare® EPI Builder 6.3.	
	Digital Cameras: Logitech® ClickSmart 420, Logitech ClickSmart 820, cameras supported by EPI Builder 6.3, TWAIN-compliant cameras	
	Hardware Security Modules: AEP™ Keyper 9720, nCipher® netHSM Series, nShield PCI Series, nShield PCIe 6000 TPS, SafeNet® Luna PCI-3000, SafeNet Luna PCM Series, SafeNet Luna Dock II, SafeNet Luna RA, SafeNet Luna SA	
Compliance and Standards	**U.S. Government:** FIPS 201 certified, Smart Card Interoperability Specifications GSC-IS v2.0, GSA Basic Services Interface (BSI), GSC-IS v2.1, Section 508-compliant, U.S. Department of Defense Pre-Issuance Requirements v4.2.1, FIPS 140-2 certified cards and applications support, FIPS 201 / PIV-certified cards and applications support, FIPS 140-2 certified HSM support	
	Data Access: LDAP v3, JDBC	
	General: Secure Sockets Layer (SSL), GlobalPlatform / OpenPlatform, Java Card™ 2.1 and 2.2	
Third-party Interoperability	**Directories:** Critical Path™ Directory Server, IBM Tivoli® Directory Server, Microsoft Windows 2003 Active Directory (Enterprise Edition), Microsoft Active Directory Application Mode (ADAM), Microsoft Windows 2008 Active Directory, Microsoft Active Directory Lightweight Directory Services, Novell® eDirectory, Red Hat Directory Server, Siemens DirX, Sun Java System Directory Server	
	Certificate Authorities: Cybertrust® UniCert with ARM 5.2.1 / 5.3.2, DISA CA, Entrust® Authority Security Manager 7.1 SP3 (with ESP, profiles, and X509) (not supported on Solaris x86), Microsoft Windows 2003 Certificate Server Enterprise SP1 / R2 / SP2 (only on Windows), Microsoft Windows 2008 Certificate Server Enterprise (only on Windows) including CA clustering, VeriSign® Managed PKI 6.0 SP1, 6.1.3, and 7.2 (on Windows and Solaris SPARC)	
	Identity Management Systems: IBM Tivoli Identity Manager, Novell Identity Assurance Solution, Oracle IDM, Sun Java System Identity Manager	
	Service Bureaus: Oberthur Card Systems; any services bureau supporting the U.S. Department of Defense Pre-Issuance Requirements v4.2.1	
Compatibility with Other ActivIdentity Software Products	- ActivIdentity 4TRESS™ AAA Server for Remote Access, ActivIdentity SecureLogin™ Single-Sign On, ActivIdentity Authentication Client, ActivIdentity ActivClient™, and ActivIdentity ActivClient for Common Access Card	

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About ActivIdentity

ActivIdentity Corporation (NASDAQ: ACTI) is a global leader in strong authentication and credential management, providing solutions to confidently establish a person's identity when interacting digitally. For more than two decades the company's experience has been leveraged by security-minded organizations in large-scale deployments such as the U.S. Department of Defense, Nissan, and Saudi Aramco. The company's customers have issued more than 100 million credentials, securing the holder's digital identity.

ACTIVIDENTITY™

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