

# Centrify Identity Service, Mac Smart Card Edition

Advanced Mac OS X to Active Directory Integration, Group Policy Enforcement and CAC, CAC NG and PIV Smart Card Support



Centrify Identity Service, Mac Smart Card Edition enables IT administrators to manage and secure Mac OS X systems using existing tools and processes so that Macs become a security peer to Windows systems. Centrify extends its proven Centrify for Mac solution with support for the most commonly used smart card systems.

Centrify's ability to enforce security policies required for compliance with corporate mandates and federal regulations gives IT operations and security staff the flexibility to support increasing numbers of Mac OS X systems in Federal agencies, defense contractors and enterprises.

Centrify Identity Service, Mac Smart Card Edition includes the following four components:

- Centrify for Mac: Active Directory-Based Security and Management for Mac OS X
- Centrify Mac Smart Card Support: Smart Card-based Login to Active Directory
- Centrify Enterprise Mobility Management: Mobile and BYOD Management
- Centrify Identity Platform: Unified Cloud-based Architecture for Apps, Mobile & Mac Management

## Why Customers Choose Centrify User Suite, Mac Smart Card Edition Best-in-Class Active Directory Integration

Centrify centralizes authentication, administration and Group Policy management of end-users' Macs and mobile devices within Active Directory, enabling IT to provide end-users their platform of choice without sacrificing efficiency or security. Users get single sign-on across all their devices and apps—no matter how complex the environment is—while Admins can leverage familiar Windows-based tools, thereby reducing the cost of managing Macs and mobile devices and allowing end-users to safely use their desired systems.

## Certified CAC & PIV Smart Card Support

Enterprises often need stronger authentication while Federal agencies and other organizations must meet Homeland Security Presidential Directive 12 (HSPD-12), NIST guidance and other security mandates for smart card authentication. Centrify supports CAC, CAC NG, PIV and PIV-I smart card-based login to Active Directory in the same fashion as Windows systems, ensuring strong authentication and single sign-on to other applications and services for Active Directory users. Smart

card login combined with Centrify's ability to enforce security policies required in high security environments helps to ensure compliance with corporate and federal policies, enabling further adoption of Mac OS X systems in these environments.

Centrify's support for the Department of Defense's Common Access Card (CAC) standard is certified by the Joint Interoperability Test Command (JITC) and has additionally earned the Certificate of Networkiness (CoN) from the U.S. Army Network Enterprise Technology Command (NETCOM). Centrify has further obtained FIPS 140-2 Level 1 validation for the Centrify Crypto Module providing the core cryptography and the entire solution is also Common Criteria certified at EAL 2.

## Digital Certificate Lifecycle Management

When configured using Group Policy, Centrify-managed services can automatically detect if a service requires a machine certificate to be present. The Mac will automatically request, download and install a machine certificate into the Mac OS X keychain and make it available to services such as 802.1x and VPNs. When certificates reach their expiration lifetime, the Centrify agent on the Mac system will automatically request a new certificate and update the certificate in the keychain.



Centrify Identity Service, Mac Smart Card Edition includes easy to use interfaces to check smart card status, revoked certificates, installed drivers and smart card diagnostics.

## Security Management for Mobile Devices Made Easy

With the increasing trend toward BYOD, users are bringing their own smartphones, tablets and laptops into the workplace. Today's knowledge workers use multiple devices and are more productive when enabled with single sign-on, one-click access to their apps and other enterprise resources — whether accessing from their mobile devices or Mac computers. Centrify Identity Service comes standard with integrated mobile security management that delivers the controls IT needs and the simplicity users require. Just as it does for Mac systems, Centrify seamlessly integrates mobile devices into existing Active Directory and Windows Group Policy-based management infrastructure to automate security policy enforcement as well as for auto-issuance and renewal of certificates for strong authentication to Wi-Fi and VPN networks. Or you can use Centrify Identity Service to manage the mobile devices via the cloud — Centrify gives you the choice to manage Macs and mobile devices the way you want to manage them. Centrify also offers web-based application Zero Sign-On through its optional Centrify Identity Service, App Edition solution. And, because it's based on the Centrify Identity Platform, it's quick and easy to also deploy, configure and manage iOS and Android mobile devices.

## Unified Platform for Mac OS X, iOS, Android, UNIX, Linux and More

In addition to enabling secure mobile management for iOS and Android, Centrify also supports over 450 versions of UNIX and Linux systems and web and enterprise applications, providing a unified access management platform that eliminates the need for multiple single purpose point-products. Centrify also provides smart card support for Red Hat Linux and Cent OS.

## World-Class Support and Expertise

Centrify's worldwide support organization operates 24x7 with deep expertise in all aspects of Mac administration and Active Directory integration. Our specialists are dedicated to ensuring a successful deployment even in the most complex environments. As a strategic partner with Apple, Centrify's support experts are also equipped to provide timely and knowledgeable support, and our product development is organized to deliver product updates as Apple releases new operating systems — ensuring you and your users are always operational. Access to an active Centrify online community involving thousands of IT professionals provides real-world deployment advice, best practices information, and unique insights into the issues you care about most.



Centrify strengthens enterprise security by managing and securing user identities from cyber threats. As organizations expand IT resources and teams beyond their premises, identity is becoming the new security perimeter. With our platform of integrated software and cloud-based services, Centrify uniquely **secures and unifies identity** for both privileged and end users across today's hybrid IT world of cloud, mobile and data center. The result is stronger security and compliance, improved business agility and enhanced user productivity through **single sign-on**. Over 5000 customers, including half of the Fortune 50 and over 80 federal agencies, leverage Centrify to secure their identity management. Learn more at [www.centrifys.com](http://www.centrifys.com).

DS0075C-2015-01-28

## Highlighted Product Features

### Unified Administration

- One single login for users and leverage popular smart cards while giving IT one unified identity and policy infrastructure
- Enable familiar Active Directory-based management and Group Policy enforcement for Mac, iOS and Android devices
- Centrify Identity Service extends management for updating security policies and to lock or wipe Macs and mobile devices

### Simplified User Access and Management

- Mac systems transparently connect to network home directories and DFS file shares
- Provide users with Zero Sign-On to authorized web applications
- Self-service user portal enables end-user management of Macs and mobile devices

### Improved Security

- Enforce two-factor authentication for CAC and PIV smart cards
- Automate device configuration for remote access, including Wi-Fi and VPN access, PKI auto-issuance and auto-renewal
- Conform with HSPD-12, NIST guidance, FIPS 140-2 and other security mandates

## Product Specifications & Certifications

### Centrify Identity Service, Mac Smart Card Edition supports:

- Mac OS X 10.8 Intel and above
- Mac OS X 10.8 Intel Server and above

### Supported smart cards

- CAC, CAC NG
- PIV, PIV-I

### Certifications include:

- Federal Information Processing Standard FIPS 140-2 Validated (Certificate #1604)
- JITC-approved Two-Factor (Smart Card) Authentication for Mac OS X and Red Hat Linux
- U.S. Army Network Enterprise Technology Command (NETCOM) Certificate of Networthiness (CoN)
- Common Criteria certification (ISO 15408) for EAL 2

### Centrify's mobile solution supports:

- iOS version 4.x and above
- Android 2.3.x and above

SANTA CLARA, CALIFORNIA	+1 (669) 444-5200
EMEA	+44 (0) 1344 317950
ASIA PACIFIC	+61 1300 795 789
BRAZIL	+55 11-3958 4876
LATIN AMERICA	+1 305 900 5354
EMAIL	<a href="mailto:sales@centrifys.com">sales@centrifys.com</a>
WEB	<a href="http://www.centrifys.com">www.centrifys.com</a>