

Oracle Desktop Virtualization

Smart Card Middleware Compatibility List

Smart card middleware is required when using smart cards for authentication in an Oracle Virtual Desktop Infrastructure or Sun Ray Software deployment. Oracle provides the following list of smart card middleware products and smart cards that have been tested under specific configurations of Sun Ray Software and Oracle Virtual Desktop Infrastructure. **This list is available for informational purposes only.** Oracle does not certify and does not make any representations regarding the safety, stability, and performance of using these middleware products and smart cards with Sun Ray Software or Oracle Virtual Desktop Infrastructure. While other middleware products and smart cards may work with Sun Ray Software and Oracle Virtual Desktop Infrastructure, users are responsible for selecting and testing a middleware product and smart card that are compatible with their software, systems, and desktop clients, prior to deployment. Oracle is not responsible for the proper functioning or any damage that may be incurred by using any middleware product or smart card. This information should not be relied upon in making purchasing decisions and further **user testing is highly recommended** for your configuration. This list and its specifications are subject to change without prior notice.

This list refers to the following release requirements:

- Sun Ray Software 5.4
- Oracle Virtual Desktop Infrastructure 3.4
- Sun Ray Operating Software 11.1

The following table shows the list of smart card middleware and smart cards that are known to work* with Oracle Virtual Desktop Infrastructure and Sun Ray Software on the following Windows operating systems:

- Windows 7 SP1
- Windows XP SP3
- Windows 2008 R2 SP1
- Windows 2003 R2 SP2

Note: Sun Ray 3 Series Clients do not support the use of "dual-interface" cards which implement electrically active features on the two ISO "Reserved for Future Use (RFU)" card contact points. Use of smart cards with electrical connectivity on these two RFU contacts may result in damage to the smart card reader over time. Questions regarding whether or not a particular smart card makes use of the two RFU contact points for other features should be directed to the smart card vendor.

* Results may vary depending on your configuration.

Vendor	Website	Middleware	Versions	Smart Cards
90 Meter	http://www.90meter.com	CAC Smart Card Manager-90	1.2.14, 1.2.22	SafeNet SC650 with SIPRNET Applets
ActivIdentity (HID Global)	http://www.actividentity.com http://www.hidglobal.com/identity-assurance	ActivClient	6.1	OpenPlatform with AI Applets, CAC, PIV
Athena Smartcard	http://www.athena-scs.com/	Athena ID Protect	4.9.7, 5.3.0, 6.20.3	ID Protect ASEPCOS, ID Protect OpenPlatform with ID Protect Applets
SafeNet	http://www.safenet-inc.com	SafeNet Authentication Client	8.0	SafeNet branded cards
SafeSign	http://www.aeteurope.nl/en/pub/products/safesign.cfm	SafeSign Identity Client	3.0.11, 3.0.40	JCOP 20 with Safesign Applets

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