

# Virtualized Authentication Server Datasheet

## On-Demand Strong Authentication for the Hybrid Cloud

SurePassID Virtualized Authentication Server is the most secure, flexible, and cost-effective solution for securing the hybrid cloud. Deployed as an enterprise-class authentication services VM, Virtualized Authentication Server combines unrivaled security and scalability with seamless integration to existing IT infrastructures. The result is a single unified solution that supports virtually any authentication scenario, dramatically reducing costs and complexity while meeting security and corporate governance requirements.



### Virtualized Authentication Server – The Right Choice for...

**Large enterprises and government organizations** mandated to reduce data center costs by leveraging cloud technologies or needing to replace legacy authentication systems.

**IT organizations seeking to consolidate technology islands** such as VPN, network login, SSO, mobile, and key management in a single, secure system.

**Companies that have adopted virtualization as a standard deployment option.**

### Features

- **True cloud-based authentication** – Secure, scalable authentication without additional hardware or software.
- **Two factor authentication (2FA) flexibility** – Mix-and-match support for widest range of methods and tokens.
- **FIDO (Fast IDentity Online) support** – Authenticate users via passwordless, transparent FIDO U2F or UAF.
- **Strong Authentication Gateway** – Cloud-enable an existing on-premises or legacy authentication server with SurePassID.
- **Seamless integration with existing IT infrastructures** – Supports multitude of VPNs, credentials, applications, directory stores, and cloud-connected devices.
- **Directory integration** – Leverage Active Directory or LDAP servers, or use SurePassID as a user directory.
- **Automated provisioning and deprovisioning** – Automatically create, update and delete users in applications.
- **Centralized auditing and reporting** – Centralized, automated auditing and reporting of users, applications, and login activity.
- **Secure Single Sign-On (Secure SSO)** – Secure one-click access to any SAML-compliant application, or to custom applications via the SurePassID API/SDK.

### Benefits

- **On-demand strong authentication**
- **Secure, compliant access**
- **Maximum flexibility**
- **Rapid deployment**
- **Reduced costs and complexity**
- **Scalable and reliable**
- **No vendor lock-in**

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Specifications	
<b>Deployment Mode</b>	<b>Authentication Services VM</b> <ul style="list-style-type: none"> <li>• VMWare®</li> <li>• Microsoft Hyper-V®</li> </ul>
<b>Supported Databases</b>	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2005®</li> <li>• Microsoft SQL Server 2008®</li> <li>• Microsoft SQL Server 2012®</li> </ul>
<b>Maximum Number of Users</b>	50,000 per installation
<b>Directory Integration/Synchronization</b>	<ul style="list-style-type: none"> <li>• Microsoft Active Directory</li> <li>• OpenLDAP</li> <li>• SurePassID as a directory</li> </ul>
<b>Application Integration</b>	<ul style="list-style-type: none"> <li>• Web Services (Axis2, WCF, asmx)</li> <li>• Java Apps</li> <li>• javascript/jquery</li> <li>• PHP</li> <li>• .NET</li> <li>• SurePassID mobile device API</li> </ul>
<b>VPN Integration</b>	RADIUS
<b>Federated Identity/SSO</b>	<ul style="list-style-type: none"> <li>• SAML 2.0</li> <li>• ADFS 2.0</li> </ul>
<b>System Management Integration</b>	Windows Event Log
<b>Audit Logs</b>	<ul style="list-style-type: none"> <li>• SurePassID</li> <li>• Syslog</li> </ul>
<b>Encryption</b>	AES 128-512, PBE AES 128-512
Authentication	
<b>Supported Methods</b>	<ul style="list-style-type: none"> <li>• Username and password</li> <li>• OATH Event-based (HOTP)</li> <li>• OATH Time-based (TOTP)</li> <li>• OATH Challenge-Response (OCRA)</li> <li>• FIDO Universal Auth. Framework (UAF)</li> <li>• FIDO Universal Second Factor (U2F)</li> </ul>
<b>Secret Key Management</b>	<ul style="list-style-type: none"> <li>• SurePassID proprietary</li> <li>• FutureX HSM</li> <li>• SafeNet HSM</li> <li>• nCipher HSM</li> <li>• Townsend HSM</li> </ul>
Supported Credentials	
<b>Hard Tokens</b>	<ul style="list-style-type: none"> <li>• FIDO UAF devices (biometric)</li> <li>• FIDO U2F devices (non-biometric)</li> <li>• OTP display cards</li> <li>• OTP key fobs and mini-key fobs</li> <li>• OTP USB flash drives</li> <li>• .NET™ and Java™ smart cards</li> </ul>
<b>Soft Tokens</b>	<ul style="list-style-type: none"> <li>• Mobile OTP apps (smart phones, tablets)</li> <li>• Browser OTP (desktops, laptops, tablets, smart phones)</li> </ul>

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### About SurePassID

SurePassID is a provider of next-generation identity and access management solutions for the hybrid cloud. SurePassID seamlessly integrates with existing IT infrastructures to enable secure access to any application, on any device, by any user. SurePassID's on-demand solution includes secure single sign-on, identity and access management, directory integration, automated provisioning and deprovisioning, strong multi-factor authentication, support for legacy on-premises authentication servers, and customizable deployment options. SurePassID offers its solution direct and via a global network of resellers and integrators. For more information visit [www.surepassid.com](http://www.surepassid.com).

**Speak With A Solutions Specialist**

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