

FIDO Authentication Server Datasheet

Enterprise-Class Authentication for FIDO-Enabled Devices and Applications

SurePassID FIDO (Fast Identity Online) Authentication Server is the proven, flexible and cost-effective solution for enabling passwordless, transparent multi-factor authentication for secure account access and payments. Cloud-based, multi-tenant and massively scalable, SurePassID FIDO Authentication Server combines unrivaled support for multi-factor authentication methods and devices with seamless integration to cloud/web/mobile apps, federated identities, and existing IT infrastructures. The result is a single unified solution that supports virtually any authentication scenario for certifying users and transactions, dramatically reducing costs, complexity and time to market for FIDO adopters and device manufacturers.



SurePassID FIDO Authentication Server – The Right Choice for...

Financial institutions and merchants adopting FIDO for stronger account access and transaction security, increased consumer convenience, and reduced risks of cyber fraud.

Governments and healthcare organizations leveraging FIDO to protect federated identities, user accounts and transactions with passwordless convenience on any consumer endpoint.

FIDO-enabled hardware manufacturers seeking a device testing and validation system that will seamlessly scale from demonstration to production.

Key Features

- **Reliability** – Proven enterprise-class solution in production with clients ranging from startups to Fortune 100 companies.
- **Multi-Factor Authentication Flexibility** – Mix-and-match support for all authentication methods and devices, including FIDO.
- **Multi-Tenancy** – Logically partition clients, devices or company sub-organizations within a single server image.
- **Scalability** – Designed to support millions of users and devices via clustering and dynamic load balancing.
- **Ease of Deployment** – Cloud-based, virtual machine or on-premises server deployment options.
- **Seamless Integration with Existing IT Infrastructures** – Supports multitude of VPNs, devices, applications, and directory stores.
- **Localization & International Support** – Add any language via a single file and dynamically change upon user’s localization.
- **Centralized Auditing & Reporting** – Centralized, automated auditing and reporting of all system activity.
- **FIDO Demo & Deployment Ready** – Test, validate and demonstrate FIDO devices in production environment.

Key Benefits

- **Complete solution**
- **FIDO security and convenience**
- **Maximum flexibility**
- **Fastest time to market**
- **Reduced costs and complexity**
- **Reliable and scalable**

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

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About SurePassID

SurePassID is a provider of next-generation identity, cloud and mobile security solutions. SurePassID seamlessly integrates with devices, applications, federated identities, IT infrastructures and intelligent systems to secure access and transactions with passwordless, transparent multi-factor authentication. SurePassID's cloud-based, multi-tenant and massively scalable solution

includes identity and access management, multi-factor authentication, secure single sign-on, directory integration, federated identity support, automated provisioning and deprovisioning, centralized auditing and reporting, support for legacy on-premises authentication servers, and customizable deployment options. SurePassID's solution also runs on 8-bit and 16-bit microcontrollers and sensors, embedding transparent multi-factor authentication at the chip and device levels to secure internet-connected devices and intelligent systems in the Internet of Things (IoT). SurePassID offers its solution direct and via a global network of resellers and integrators. For more information visit www.surepassid.com.

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