FIDO Biometric Authentication
Authentication at the biological level

Passwords are easily forgotten or hacked, making them an outdated option for enterprises to secure the devices holding private data and information. Biometric authentication thus becomes the prime option for enterprises to utilize today that allows convenient, reliable, and secure access to corporate data through unforgettable biometric data such as a voice or iris scan.

By 2020, new biometric methods will displace passwords and fingerprints for access to end-point devices across 80 percent of the market.
—Gartner, Inc.

KEY BENEFITS

Eliminate password management and standardized security requirements
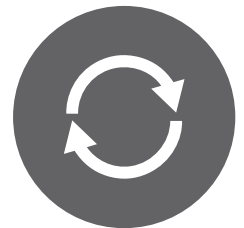

Ensure customer data is secure by storing credentials on both the user device and a server

Compatibility and security as part of the FIDO Alliance standards

Minimize the need for device testing with one-time integration

Maximize openness between the server and client with compatible solutions

TECHNICAL SPECIFICATIONS

OPERATING SYSTEM	Red Hat™ Enterprise Linux™ / AIX™ / HP-UX™ / Solaris / Windows®
WEB SERVER	Nginx® / Apache®
JAVA APPLICATION SERVER	Apache Tomcat
DATABASE	Oracle / MySQL / RDS
FIDO PROTOCOLS	UAF FIDO V1.0 Certfified
ALGORITHMS	TLS 1.2/SHA-26/ECDSA-256 with P256 curve (SECP256R1)/RSA

MAJOR FEATURES

- Biometric Authentication: fingerprint, facial, and voice
- Compliant with Public Key Infrastructure (PKI) policies
- Access to Trusted Execution Environment (TEE)
- Cross-platform (Android, Windows, iOS)
- FIDO client/server compatibility
- One-time integration

ABOUT SAMSUNG SDS AMERICA, INC.

Samsung SDS America (SDSA) is the U.S. subsidiary of Samsung SDS, a $7B global software solutions and IT services company. SDSA helps companies optimize their productivity, make smarter business decisions, and improve their competitive positions in a hyper-connected economy using our enterprise software solutions for mobility, security and advanced analytics.

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