



## Samsung SDS America Biometric Solution

Authentication at  
the biological level

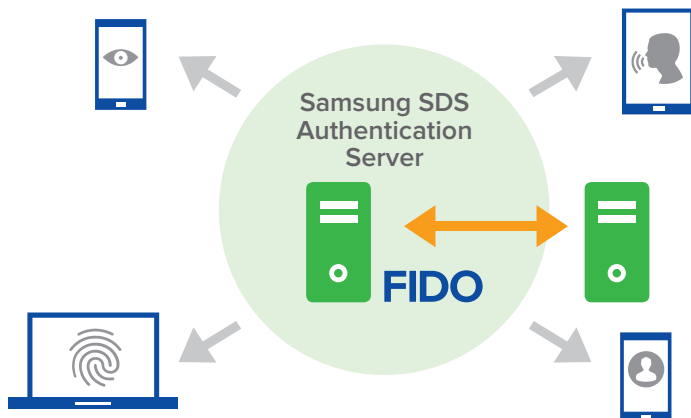
**By 2020, new biometric methods will displace passwords and fingerprints for access to end-point devices across 80 percent of the market.**

—Gartner, Inc.

Passwords are easily forgotten or hacked, making them an outdated option for enterprises to secure the devices holding private data and information.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.

### 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



### KEY BENEFITS

- Eliminate password management and standardized security requirements to save time and reduce helpdesk costs
- Ensure customer data is secure using biometrics, with security authentication credentials stored on the device itself versus 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:

Ngix® / Apache®

### JAVA APPLICATION SERVER:

Apache Tomcat

### DATABASE:

Oracle / MySQL / RDS

### FIDO PROTOCOLS:

UAF FIDO V1.0 Certified

### ALGORITHMS:

TLS 1.2/SHA-26/ECDSA-256 with P256 curve (SECP256R1)/RSA

## ABOUT SAMSUNG SDS AMERICA, INC.

Samsung SDS America (SDSA) is the U.S. subsidiary of Samsung SDS, a global IT solutions company. SDSA provides purpose-built technology solutions in the areas of enterprise mobility, security, advanced analytics, mobile sales productivity, and training. We enable our customers in the public sector, finance, retail and other industries to achieve greater freedom, operational efficiency and smarter decision making as the driving force for their competitive advantage. SDSA is headquartered in Ridgefield Park, NJ with offices in Herndon VA and San Jose CA.

## CONTACT US

To learn more about Samsung SDS Biometric Solutions visit [www.samsungsdsa.com](http://www.samsungsdsa.com) or email us at [bd.sdsa@samsung.com](mailto:bd.sdsa@samsung.com).