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# Samsung SDS Nexsign for Enterprise

**Brand:** Smartjac Industries Inc  
**Product Code:** SMA1001NEXS



## Short Description

Simple and Secure Authentication for Enterprise System with IAM.

## Description

Samsung SDS Nexsign for Enterprise provides easy and secure access for system administrators and enterprise system users, by enabling passwordless log-in using biometric authentication like:



Face



Iris



Voice



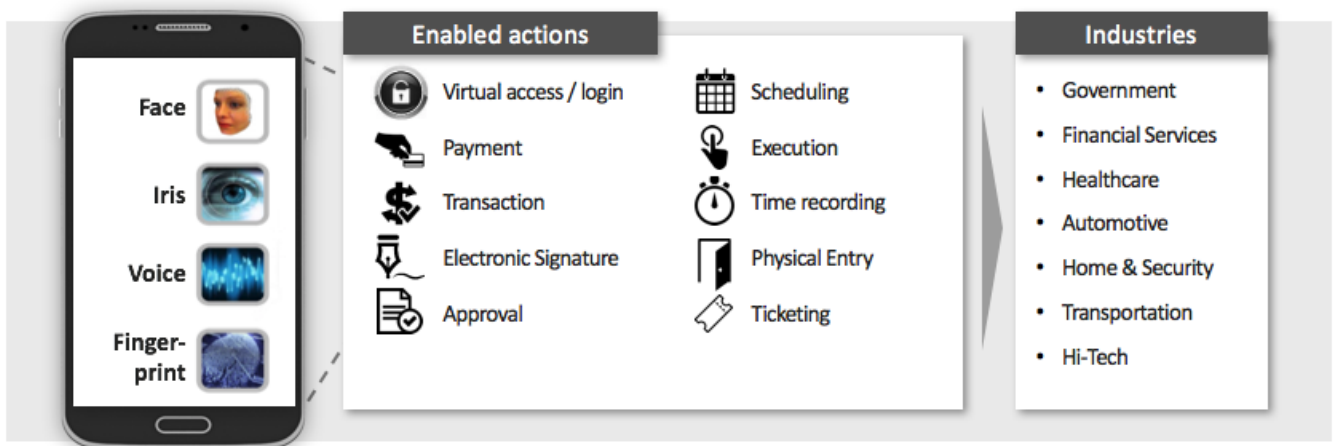
Fingerprint

Login to multiple apps on mobile device, users don't need to remember complicated passwords under SSO

(Single sign-on) function which manages multiple applications and systems.

## Use cases

**The use of Nexsign biometric authentication enables an assortment of actions from user devices, and its application ranges across many industries for both internal officers/employees and end users.**



- Enable to login without password and to control PC remotely by mobile device.
- Provide simple authentication using various biometrics.
- Minimize time-consuming authentication process.
- Help users easily access multiple apps and enterprise system by Single Sign-on function.
- Protect confidential information by face recognition and Authenticate users assured by PKI-based authentication and biometrics.

Use case sample:

**User:** Officers/Employees

**Device:** iPhone >6



Samsung Galaxy >S6



**Service / App:** Email + Authority/Enterprise apps

### Use Case:

- Officers is on train and logs into authority app. using fingerprint
- Creates a scene inspection report and sends in the report with site pictures.

**Benefits:** Does not need to carry OTP, nor remember password

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

## Client Components

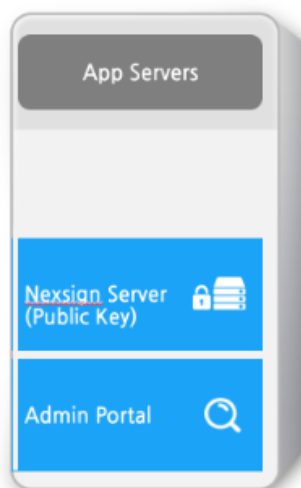
FIDO Client package includes [Nexsian SDK](#), [Nexsian Client](#), [ASM](#), [Authenticator](#)



Component	Description
<a href="#">Nexsian SDK</a>	<ul style="list-style-type: none"> <li>• <a href="#">Nexsian Client</a> call API</li> <li>• Protocol message send/receive with <a href="#">Nexsian Server</a></li> </ul>
<a href="#">Nexsian Client</a>	<ul style="list-style-type: none"> <li>• Policy-based Authenticator utilization</li> <li>• <a href="#">TrustedFacet</a> handlink for service app check (<a href="#">Nexsian</a> association check)</li> <li>• Message transmission with Authenticator</li> </ul>
<a href="#">Nexsian ASM</a>	<ul style="list-style-type: none"> <li>• Message Transmission between <a href="#">Nexsian Client</a> and Authenticator</li> <li>• <a href="#">KeyHandle</a> Management</li> </ul>
<a href="#">Nexsian Authenticator</a>	<ul style="list-style-type: none"> <li>• End user authentication</li> <li>• Key Creation and management, data encryption</li> </ul>

## Server Components

[Nexsian Server](#) includes [Nexsian Authentication Server](#) and [Admin Portal](#).



Component	Description
<a href="#">Nexsian Server</a>	App Server Interfaces <ul style="list-style-type: none"> <li>• Authentication Pushing</li> <li>• Metadata processing</li> <li>• <a href="#">TrustedFacets</a> / <a href="#">AppID</a> Handling</li> <li>• Policy Transfer to Clients</li> <li>• DBMS IF</li> </ul>
<a href="#">Admin Portal</a>	Typical System Administration <ul style="list-style-type: none"> <li>• User Identification and Authentication</li> <li>• User Registration and Update</li> <li>• Access Control / Security Monitoring</li> <li>• Policy / <a href="#">Trustedfacets</a> Setup</li> <li>• Statistics Reporting</li> </ul>