

# AccessMatrix™ Unified SSO Platform

## The Unified Single Sign-On Platform for Enterprise, Cloud and Mobile Applications

### Key Benefits

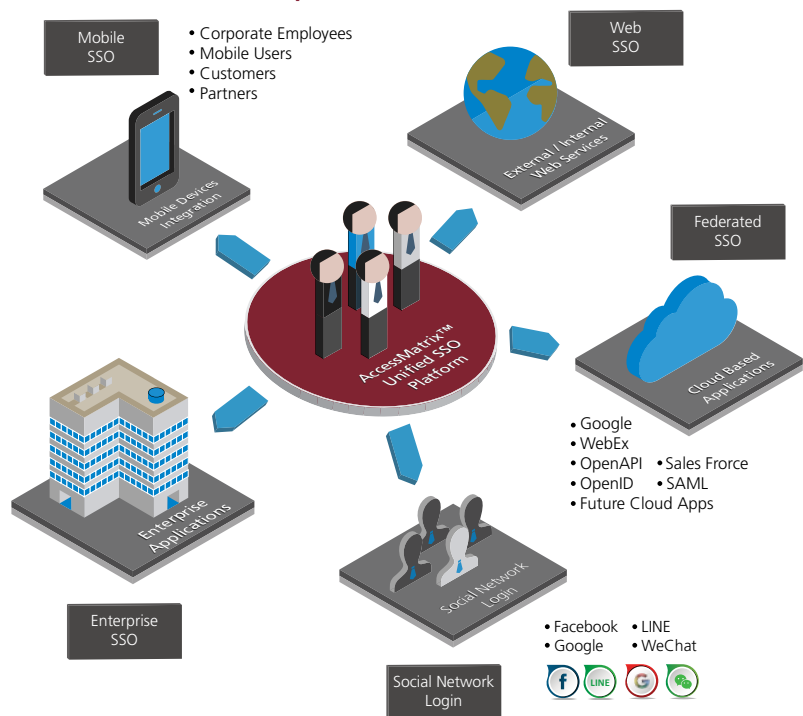
- A unified platform that covers Enterprise SSO, Federated SSO, Web SSO and Mobile SSO
- Create user convenience and improve user productivity through faster access to applications and information
- Strengthen security with flexible authentication
- Maximize ROI by reducing helpdesk costs
- Unify SSO access to cloud, web and desktop applications
- Enable Speedy deployment
- Ensure compliance with powerful reporting capabilities

### Features

- Enterprise SSO
- Federated SSO
- Web SSO
- Mobile SSO
- Mobile device integration
- Advanced authentication and credential protection
- Flexible programmable options

AccessMatrix™ Unified Single Sign-On (SSO) platform covers Enterprise Single Sign-On (ESSO), Federated Single Sign-On, Web Single Sign-On and Mobile Single Sign-On. It provides Identity Federation platform that supports popular identity protocols e.g. SAML 2.0, OAuth 2.0 and OpenID Connect to provide the SSO capabilities for cloud and mobile applications. It is also extensible to embedded strong authentication solutions on the same platform. AccessMatrix™ Unified SSO platform enables employees, consumers, customers, and partners to access corporate and cloud applications using a single login process across multiple operating platforms including mobile devices. The combination of ESSO, Federated SSO, Web SSO and Mobile SSO supports SSO to a wide range of web, non-web and cloud based applications in a single deployment.

### Unified SSO Platform for Enterprises



**AccessMatrix™ ESSO** provides single sign-on and follow on automation for web, non-web and emulator based applications without any code changes. This approach requires the installation of an ESSO client agent on the user's desktop.

**AccessMatrix™ Federated SSO** acts as a federated authentication gateway or broker allowing internal corporate users to login with their existing corporate directory accounts and then seamlessly sign into cloud applications like Salesforce.com, WebEx, or Google Apps.

**AccessMatrix™ Web SSO and Mobile SSO Integration** provide a common web based SSO Identity Gateway which enables user organizations to upgrade from Enterprise SSO to Federated and Web SSO. By removing the burdens of users from remembering multiple username and password combinations, SSO offers organizations the tool to tackle the password management issues by improving user experience, reducing the support costs, enhancing security, and ensuring compliance.

## System Requirements

- Client Platform Supported: Windows 10, Windows 2008, Windows 2012 and Windows 2016
- Mobile Devices Supported: Android and iOS
- Server OS: MS Windows 2012 R2, 2016 and 2019, Redhat Enterprise Linux 7.x and 8.x, Ubuntu Server 18.04
- Java Runtime: JRE 11 LTS
- Database for Policy Store: MS SQL Server, Oracle RDBMS and Oracle MySQL
- External User Store: Active Directory, LDAP v3 compliant directories and JDBC compatible databases
- FIPS Certified HSM

## Enterprise SSO

- Sign-on to any application: Enables single sign-on for Windows® desktop, Web, Java™, AJAX, custom built, terminal emulators for Unix, AS400 and mainframe applications without any code changes.
- Web Interface for launching application: Provides an optional web interface to launch and sign on to target applications.
- Web Based Self Service Facility: Provides a web based self-service facility to enable users to perform application enrollment, easy password recovery and Windows Active Directory Password Reset.
- Offline Operations, Auto-Sync and Auto-Connect: Provides a cryptographically secured offline cache with option to store on the desktop or portable secure storage devices to enable offline access. The passwords are automatically synchronized back to the server when connectivity is available.

## Federated SSO

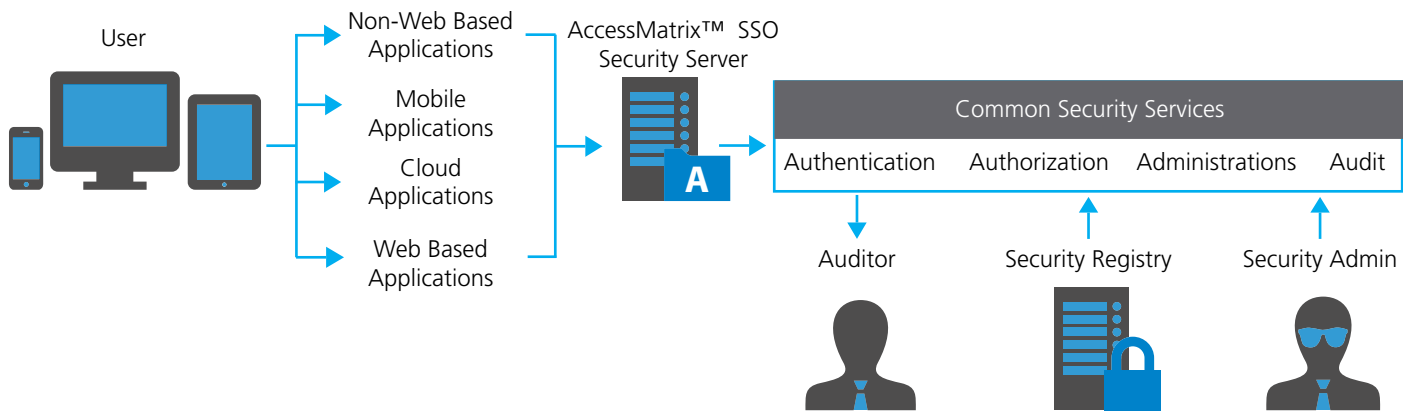
- Standards-based: Supports various federation standards like SAML 2.0, OAuth 2.0 and OpenID Connect.
- Software as a Service: Supports a large number of SaaS, cloud based applications including Google Apps, Salesforce, IdeaScale, etc.
- Federation Roles: Supports the Federation roles of Identity Provider and Service Provider.
- Built-in Identity Provider: Stores user identities in the AccessMatrix™'s internal and external directories.

## Web SSO

- Web Security Agents (WSA) - With web security agents for all leading web and application servers, Web SSO supports URL level access control with ability to transparently push user information via standard HTTP request headers to assist web applications in establishing user identities and aggregate information from multiple directories.
- User Authorization Mapping - Supports mapping of different user IDs in different application to create a unique SSO ID. This is useful for co-existence strategy when existing applications wish to migrate to AccessMatrix™ Web SSO system. Such user information can again be transparently passed to applications protected by WSA or via web service integration.

## Social Network Login

- Integrated with Facebook, Google, LINE and WeChat
- Allow social network authentication / sign on and registration
- Identity mapping to existing users
- On the fly identity provisioning



“i-Sprint Innovations is... company with a good product...its roots are in the bank industry...its products have been battle-tested in some demanding financial environments”

-Gartner ESSO  
Market Scope Study

### Mobile Devices Integration

- Federated SSO for mobile: Provides a native application for Android and iOS to perform single sign-on to applications by downloading credential information from the Server Password Vault.
- SDK for Mobile: Enables native mobile applications to deliver the SSO function via OAuth integration while hiding the OAuth complexity.

### Advanced Authentication and Credential Protection

- Strong Authentication Support: Supports a wide range of user authentication methods, from one time password tokens, smart cards to biometrics, to strengthen the login process and the re-authentication challenge for target applications for single sign-on.
- Forced Re-Authentication: Supports re-authentication for security sensitive applications before replaying the credential information to avoid walk-off security issues.
- Bank-Grade Security with HSM Integration: Uses FIPS certified and tamper proof HSM devices to protect the key materials to provide maximum security protection.
- End to End Credential Protection: Protects password information while in storage, in transit and in desktop memory using leading encryption standards to ensure absolute confidentiality and privacy.
- Secured Sign-On to Trusted Applications: Validates the authenticity of applications to guard against phishing websites and Trojans.

### Flexible Programmable Options

- AccessMatrix™ Unified SSO SDK: Provides an API Toolkit and add-on API sets for common security services to extend the product functionalities and to customize the SSO Client behavior and branding requirements.
- Web SSO Integration: Provides integration modules with popular Web Access Management products from such as IBM Tivoli Access Manager, Oracle Access Manager, CA SiteMinder, etc to provide a unified SSO environment.
- Federated SSO for Mobile: Provides SSO support for iOS and Android mobile devices to perform single sign-on to web applications.
- Citrix Receiver: Enables single sign-on to desktop applications which are delivered via the Citrix Receiver solution.



## About i-Sprint Innovations

i-Sprint Innovations, established in the year 2000, is a premier identity, credential and access management solutions provider that enables individuals, organizations, and societies to build trust and identity assurance for powering productivity gain through digital identity and identity of things (IDoT).

i-Sprint's unique brand of security products, intellectual properties, and patents are designed to exceed regulatory requirements such as global financial services. By incorporating the latest mobility/ biometrics/ cloud/ identification technologies, i-Sprint provides solutions that ensure secure access and protection of data, transaction and assets. i-Sprint delivers trusty, versatile and strong authentication, and identity management platform to secure multiple application delivery environments based on a common security platform.

i-Sprint's digital identity product offerings include adaptive authentication (biometrics, multifactor authentication and more), single sign-on services, end-to-end encryption (E2EE) authentication and data protection for transaction data and to secure access to the web, mobile, and cloud-based applications. i-Sprint's IDoT product offerings provide the next-gen anti-counterfeiting, track and trace, and interactive consumer engagement that aims to help business in building consumer trust, improve brand protection, personalize consumer engagement and provide business intelligence.

i-Sprint's clients include leading global and regional financial service institutions, government agencies, telecommunications, public utilities, manufacturing, healthcare, education, multi-national corporations and others. Currently, i-Sprint has a direct presence and active authorized partners across Singapore, China, Hong Kong, Taiwan, Malaysia, Thailand, Japan and the United States.

### Global Headquarters

Blk 750D Chai Chee Road #08-01  
ESR BizPark@Chai Chee (Lobby 1)  
Singapore 469004

Global: +65 6244 3900  
enquiry@i-sprint.com  
www.i-sprint.com

### For a complete list of our offices in

China, Hong Kong, Japan, Malaysia,  
Thailand & United States, please visit

[www.i-sprint.com/contactus](http://www.i-sprint.com/contactus)

©2000-21 i-Sprint Innovations Pte Ltd. All rights reserved.

A Hierarchy Model is a patent of i-Sprint Innovations Pte Ltd. i-Sprint, i-Sprint logo, AccessMatrix, AccessMatrix logo are registered trademarks of i-Sprint Innovations Pte Ltd. All other trademarks and registered trademarks are property of their respective owners. i-Sprint reserves the right to make changes to the specifications or other product information at any time and without prior notice.

20211011

