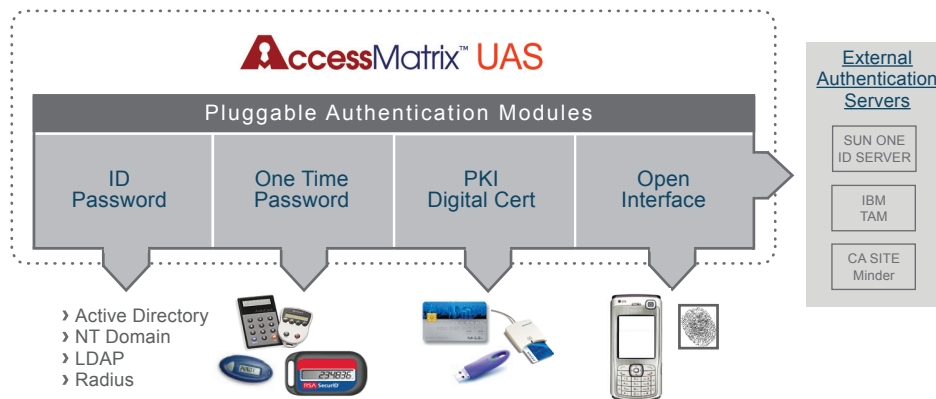


Multi-Factor Authentication and Administration Solution Common Authentication Management and Integration Infrastructure

AccessMatrix™ Universal Authentication Server (UAS) enables organizations to deploy a wide variety of authentication methods to address the business requirements for strong authentication and evolving authentication mechanisms, through a single, unified framework.



AccessMatrix Universal Authentication Server (UAS) is a future-proof authentication infrastructure. It supports multiple authentication mechanisms for strong authentication and authorization requirements. UAS enables organizations to rapidly deploy a wide selection of authentication methods to address their authentication requirements.

Based on the proven AccessMatrix Integrated Security Architecture, UAS provides security Administration, Authentication, Authorization, and Audit services (4As) for business applications. 2FA implementations includes:

- Security services APIs for application integration and shield the complexity of token integration
- End-to-End Life Cycle Management for OTP Tokens
- Radius ready server to integrate with network devices
- Administration module for administration delegation and user management
- Audit and reporting module
- HSM interface to leading brands of HSM devices
- PIN mailer interface for mail merge and secure printing
- Enforcing password policy in addition such password history, password aging, password quality check, etc

Supports for multiple authentication methods such as Ids/Passwords, dynamic passwords, certificates, biometrics, or security tokens is achieved through a simple Pluggable Authentication Module (PAM) approach. The selection of the authentication methods can be done without changing the source code of the application. Benefits include reduced cost, time to market and minimal effort for customization or "hardcode" of the application. With AccessMatrix UAS, multiple web applications and network devices allow access to a common set of security services via tight integration with the AccessMatrix security server.

READY TO DEPLOY SOLUTIONS

Some of the AccessMatrix UAS Modules include:

- **Token Management Module for VASCO DigiPass Tokens**
- **E2E Encryption for PIN and Transaction Protection**
- **Universal Secure Mobile - One Time Password for VPN Access**
- **Universal Secure Mobile - One Time Password for Web Access**
- **PAM Module for leading authentication servers and tokens such as IBM Tivoli Access Manager, CA SiteMinder, Sun ONE ID Manager, etc**

Features and Benefits of AccessMatrix™ Universal Authentication Server (UAS)

UAS is built on the AccessMatrix framework and therefore inherits the salient features of AccessMatrix, already deployed by global banks.

- **Enhanced User Identity Protection with Multi-Factor Authentication**
UAS' allows the application to support other authentication mechanisms like certificates, smartcards, biometric devices, etc as and when the need arises without any major changes to the application.
- **End to End Protection of User Credentials and Business Transactions**
Encrypt authentication credentials and transaction data all the way from the point of entry (i.e. client browser), to the point of authentication assessment (i.e. The Hardware Security Module (HSM)). It overcomes the limitation of the SSL to provide additional security features that protects the user credential information from the point of entry, all the way beyond the web server to the back end host computing system that is processing the application.
- **Full Life Cycle Token Management & Administration**
Integrated solution for administering the entire life cycle of token management functions:
 - > Issuance (Factory Initialized or Self Initialized)
 - > Delivery
 - > Enablement
 - > Lost Tokens
 - > Out of Sync
 - > Replacement over time
- **Enhanced Application Security with Scalable Security Infrastructure**
Built on JAVA technologies, open architecture, flexible framework and latest technology, AccessMatrix provides a common security platform to offer complete enterprise security services (Administration, Authentication, Authorization and Audit) to all business applications (both web and non-Web applications) for multiple delivery channels, which will meet the current and future requirements of our clients.
- **Flexible Administration and Delegation**
The AccessMatrix hierarchical model allows organizations to designate security administrators at different levels of the organization. The administration rights of the security administrators can be defined to improve security, decentralize security administration and ensure a high level of accountability. The framework allows external organizations such as customers and business partners to manage IDs and user rights by their own security administrators. AccessMatrix further streamlines user management by integrating with existing user registries, such as LDAP or Microsoft Active Directory.

Further details about i-Sprint's products are available at www.i-sprint.com. To reach us, please email to enquiry@i-sprint.com or contact any of the offices or our resellers in your area.