



Best Identity Management Suite – i-Sprint Innovations

i-Sprint Innovations is a leading IT services provider in Asia Pacific. More than 100 global banks, financial institutions, government agencies and large enterprises rely on its solutions to protect over USD10 trillion of valuable assets and important information.

These solutions include:

- Proven secure end-to-end encryption (E2EE) authentication and data protection for single sign-on and securing access to internet and mobile banking applications.
- Bank-grade authentication – including biometrics, multi-factor authentication and more – and a token management platform to secure web, mobile and cloud application delivery environments based on a common security platform.

These solutions are timely given the consumerization of IT, growing adoption of cloud computing, and bring your own device (BYOD) initiatives in the workplace are challenging IT leaders to deliver secure cloud computing and enhance users' online experience.

i-Sprint Innovations' AccessMatrix Universal Authentication Server (UAS) enables organizations to deploy a wide variety of authentication methods to address different use cases for strong authentication and benefit from evolving authentication mechanisms.

These are implemented based on a unified framework. Through the proven AccessMatrix Integrated Security Architecture, the UAS runs security Administration, Authentication, Authorization, and Audit (4A) services for all business applications.

Multiple authentication methods, such as passwords, certificates, biometrics or security tokens, are supported through a simple Pluggable Authentication Module (PAM) approach. In addition to one-time passwords (OTPs)

and static passwords generated by a hardware-based token, i-Sprint delivers a versatile two-factor authentication (2FA) solution that supports transaction signing.

2FA and token management

i-Sprint's 2FA implementations provide the following critical identity management capabilities:

- **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). This overcomes the limitation of Secure Socket Layer and 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 lifecycle token management and administration** – In critical day-to-day operations, i-Sprint's integrated solution for administering the entire lifecycle of token management simplifies management of token issuance, delivery and enablement; pin-mailers; lost tokens; and out-of-sync tokens.
- **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.



i-Sprint's 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.

Bridging mobility, cloud

Tight integration between i-Sprint's AccessMatrix Universal Authentication Server (UAS) and YESsafe Mobile Tokens in 2FA implementations means that organizations can rapidly introduce capabilities such as synchronous and challenge response authentication; authorization; signature verification; and host return code.

i-Sprint's mobile protection portfolio also includes the YESsafe Mobile ID end-to-end virtual ID card management and verification system. It not only provides the security tokens but also a mobile single sign-on (SSO) platform, among other features.

In addition, i-Sprint supports contextual authentication, leveraging identity-relevant data – geographic location, time-of-day, endpoint identity, etc. – in the authentication process.

Strategically, i-Sprint is delivering a comprehensive solution to enable organizations to transform existing cloud applications into mobile apps or turn them into responsive cloud applications. And this is developed on the strong authentication and transaction authorization capabilities of a future-proof authentication infrastructure that enables organizations to choose and rapidly deploy the authentication method they require. [NWA](#)