

Business driven Role Management and automated Resource Provisioning which enhance Corporate Compliance, Governance and improve Efficiency

Key Benefits

- Flexible and ease of use
- Cost reduction through self-service capability.
- Ensure compliance and improve governance
- Connect to wide range of target resources
- Improve internal employee Job satisfaction and productivity
- Integral component of complete AccessMatrix™ suite
- Proven Professional Service
- Support access control products

Features

- Comprehensive request and workflow approval management
- Investment protection and extensible features
- Automatic compliance checking
- Support Fine-Grained RBAC

Overview

AccessMatrix™ Universal Identity Manager (UIM) provides a highly flexible and systematic way to manage employee access to various company IT resources based on a predetermined entitlement policy. The best identity and access management solutions are now built around the business user. While IT still provides control and oversight, the business user needs to have a fast and simple way to implement changing access requirements without the need for numerous help desk calls or IT tickets. The challenge here is to combine backend automation and frontend ease-of-use.

Automated user provisioning, automatic role management, automated access certification, and automated password reset tools mean dramatic reductions in IT operating cost and implementation. The ability to provide self-service for business users can meet the needs of the business user faster and increase the productivity of the IT department. This means lightning fast change at the lowest maintenance costs.

AccessMatrix™ Universal Identity Manager (UIM) provides a policy-driven approach to manage default access to various companies' IT resources based on user's organizational role as well as allow users to submit ad-hoc access requests subject to management approval.

The Main Business Advantages for using AccessMatrix™ UIM are:

Flexible and Ease of Use

The self-service identity console with customizable and automatic form generation reduce the turnaround time for non-critical or routine access request. The flexible Business Process Management and Rule Engine allow user to customise the solution.

Cost Reduction through Self-Service Capability

UIM reduces Total Cost of Ownership by combining role and account management into a single unified solution. The information in the entitlement policy and function of the self-service module reduce the amount of resource allocated to managing system access. These extra resource are free up and can redeployed to handle other revenue generating activities.

Ensure Compliance and Improve Governance

The solution has Separate of duty (SoD) control and in-build Identity certification by managers and auditors. It identifies and rectifies (with System admin) conflict between role and resource access. This conflict includes the need to separate personnel acting as requestor and approver. Corrective action from those findings which cannot be reconciled automatically may be subjected to approval process. The solution will also periodically request the user to critically review and assess compliance of the various scenario of access request and role base rule. This systematic way of managing system access will reduce lapse in security due to overreliance on human intervention.

System Requirements

- Server OS: MS Windows Server 2008 and Oracle Linux
- Application Server: Oracle WebLogic, IBM WebSphere and Apache Tomcat
- Java Runtime: JRE 1.7 and above
- Database for Policy Store: MS SQL Server, Oracle RDBMS, IBM DB2 and Oracle MySQL

Connect to Wide Range of Target Resources

By using UIM Connector Framework, connectors can be developed and built to connect to various on-premise or cloud-based target resources for both provisioning and reconciliation. Besides, connectors for account management and role management can be different yet well-integrated.

Improve Internal Employee Job Satisfaction and Productivity

By providing timely access to the relevant system to new employee or employee that gone through change in organisational role, this will reduce either during on-boarding (for new employees) or transitioning (for existing employees).

Integral Component of Complete AccessMatrix™ Suite

UIM is developed on the AccessMatrix™ platform which is universal to all i-Sprint's family of IAM security solutions. This allows seamless integration of UIM with the rest of AccessMatrix™ products. Because of this basic commonality, all our customers are essentially given the entire suite of products with only the specified (purchased) module being enabled. Our customer can enable additional products in a very short time and without major downtime. This allows our product to be scalable and adaptive to the growing need of our customer

Proven Professional Expertise

With detail understanding of IDM and accumulated experience, i-Sprint understands the needs of our customer from the various industry segments. Professional Service in i-Sprint is able to enhance the functionality of the standard solution and customise them. Unlike others, UIM is developed with emphasis on Account and Role Provisioning. This will enable UIM to cater to the ever evolving need of the customers. With this, i-Sprint is able to provide comprehensive and proven identity management solution to business segment especially those with mission critical needs like banking, financial and insurance sector.

Support Access Control Products

As UIM is designed with enterprise integration in mind, it is able to integrate with client's existing Enterprise Architecture e.g. SOA or ESB via standard web services or JMS. UIM also supports native user integration to MS Active Directory and other LDAP servers.

API Integration

UIM provides external integration through a list of easy-to-use REST APIs. This empowers our customers and partners to integrate UIM with their existing systems or customised solutions.

Solution Component Review

Role based management, automated provisioning, attestation and ensuring compliance are the cornerstone of the capability of AccessMatrix™ Universal Identity Manager (UIM). Let's understand more on the core functionalities of UIM.

1) Provisioning Process (Request-based & Role-based): Business Unit, IT department and Human Resource define the allocation of access right and type of access assigned to the various business or organization roles in the company. Provisioning process manages the access and reflects the update in the target applications. Triggering of the provisioning process comes from the change in organization role of the employee (due to new hire, reassignment, outgoing or restructuring) or the request from administrators and individual employees

Request Approval Workflow Process: There is a workflow governing the standard approval review process and ability to input customized flow specific to organizational or regulatory requirement. There are self service functions for non-critical or routine access request to enhance productivity and accountability. This will better optimize and shorten management approval turnaround time. The request also includes authorized delegation of request on behalf of the user by the administrative staff.

Reconciliation Process: Changes can be carried out at the managed external resources without the awareness of UIM including access creation, modification & deletion. In order to increase the accuracy and enhance audit checking, UIM has a function to proactively and routinely identify and rectify (with System admin) the data on UIM and managed external resources that are out of sync. Data could not be reconciled automatically may delegate to administrator to process.

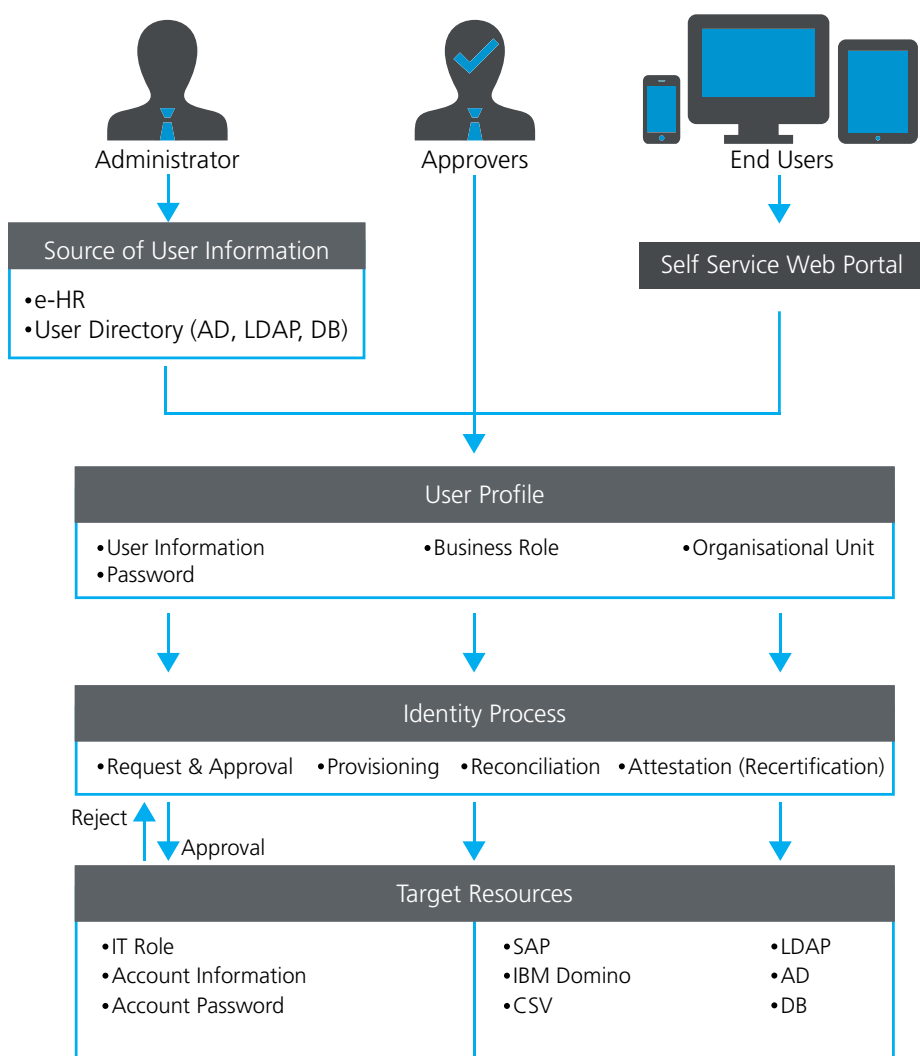
Attestation (Recertification) Process: For broader base quality control, UIM periodically requests the user to periodically to critically review and assess compliance of the various scenario of access request and role base rule. This process is to control who is responsible for reviewing entitlements.

Functionality

The following are characteristic of the solution:

- Flexible integration framework
- Policy driven approach
- Secured audit log & activity reporting
- HSM for key management & Crypto-processing
- Automated workflow approval & routing
- Administration with hierarchical delegation
- Connection to target resources system (reg. Operating System, Databases, Applications, Cloud Applications)

Identity Management





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.

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