

Unified Identity Management Solution

Information Security – What is important to know?

Information leakage is a top concern for enterprises. Data and customer information are key corporate assets. Enterprises today are focusing on preventing information leakage more than ever before because of the following business needs:

- **Legal and regulatory compliance:** Most countries and many governments have specific regulatory compliance needs (e.g. HIPAA, Sarbanes-Oxley, NASD 2711). Non-compliance can invite financial penalties or damage to reputation.
- **Contractual obligations:** Many contracts have explicit conditions regarding the use of information that is shared as a result of contractual agreement. Any breach of information use can result in large financial penalties.
- **Maintain competitiveness:** Many companies are IP (Intellectual Property) intensive and this is the key to their competitiveness (e.g. Pharma). Any leakage of such information can prove detrimental to the company's progress.

How well do you manage your user identities?

Enterprises have many systems (e.g. ERP, CRM, HR, and other custom built systems) to support their business processes. Typically user information is scattered and duplicated across systems. Enterprises today are also highly collaborative, both within and outside the organization. This requires companies to be able to make resources quickly accessible to external participants like consultants, vendors and employees, and withdraw access when required with the same ease and speed. Companies must institute flexible business processes to handle frequent changes to user information in all repositories. Not managing user identities can result in security breach and productivity loss.

Think along the following points ...

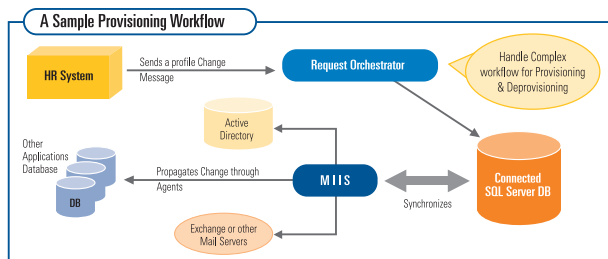
- Is your enterprise mandated by regulatory compliance?
- Is your user information stored across multiple systems and directories?
- Is providing user access to different systems a time consuming process?
- Do your partners and customers access your systems?
- Do you have high help-desk costs?

If you answer yes to these questions, then, you need an Identity Management Solution.

Infosys Identity Management Solution leveraging Microsoft technologies

Infosys' Unified Identity Management Solution is pertinent to companies with many identity repositories and with intensive collaborative processes. The solution involves a proven provisioning process built around MIIS (Microsoft Integrated Identity Server), the Orchestration Part of BizTalk Server and Active Directory. The solution architecture for a [sample provisioning scenario](#) is as follows:

Changes to user information (e.g. addition or deletion) are usually triggered in the HR Systems. Starting from the HR System, the user information needs to percolate to the Main Identity Store and other systems (such as Exchange Server), with necessary action (e.g. creating a mailbox).



Identity Store: The highly extensible Active Directory is the Identity store. It has been chosen for its powerful authentication mechanism, integration capabilities with other Microsoft server technologies and the development of other identity stores like ADAM.

Provisioning tool: MIIS is the provisioning tool and its Management Agents are used to enhance the provisioning process. Its Management Agents are used extensively to integrate the identity information with other application databases and Active Directory.

Infosys Request Orchestrator: The Request Orchestrator is configured to receive messages with changes to any profiles. These changes are considered as 'triggers' for the underlying workflows. The workflows are built using the BizTalk Orchestration Manager and executed by the Orchestration Engine.

Process flow: Whenever an approval is needed, a mail is sent to the approver with a link to a Web Page to approve. The approver views the pending approvals and approves the requests (s)he considers appropriate. The workflow continues from there, automatically, to make an update in MIIS which will propagate the solution to Active Directory, other such identity stores and other applications like Exchange Server.

Additional features of the Request Orchestrator include:

- Browser based front-end to handle approvals. Notification mails make approvals easy.
- Tracks pending approvals and sends notifications as appropriate.
- Provides for department and role based workflows – enables changes to workflow without changing code
- Notifies impending inactive accounts

Thus Infosys Request Orchestrator enables organizations to quickly and flexibly handle complex workflow for provisioning and deprovisioning. Together with MIIS and related Microsoft technologies, companies can reduce the administration costs and management of multiple repositories.

Benefit of Infosys' Alliance with Microsoft

Infosys' strategic alliance with Microsoft brings together the innovative technologies of Microsoft and the integrated services delivery capabilities of Infosys to deliver tangible business value to you.

Steve Ballmer, CEO, Microsoft Corp, commenting on the alliance said, "Microsoft and Infosys share a commitment to helping customers use technology to improve every area of their business, from process excellence to connecting with customers to responding effectively to the competitive landscape. Microsoft's long-term focus on delivering an integrated, manageable and reliable platform, combined with Infosys' unique delivery model and deep consulting skills, is designed to help customers succeed and grow through increased efficiency, cost savings and business value."

Allied services

Security Services

This service addresses the breadth of security challenges such as Perimeter Security, Security Policies, Application security, effective Security Patch/release management, Compliance & Audit.

Enterprise Portals

To improve productivity, enterprises need a way to customize their IT environment to access only relevant applications and data. Our Portal solution, together with the Identity Management solution, creates a personalized environment to deliver contextual content and services to all your users from any web-enabled device.

Enterprise Application Integration

To enable real time and informed decision making, companies need to integrate systems and applications from different sources. This service provides application integration consulting, integration competency establishment, package implementation and operations management.

Technology Consulting

We work with you to develop implementable architecture solutions that help you leverage technology to enable business strategy. Our solution helps you achieve a balance between IT Effectiveness and business innovation.

Infosys | Building **Tomorrow's** Enterprise

For more information, contact askus@infosys.com | systemsintegration@infosys.com

About Infosys

Many of the world's most successful organizations rely on Infosys to deliver measurable business value. Infosys provides business consulting, technology, engineering and outsourcing services to help clients in over 30 countries build tomorrow's enterprise.

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