

Sun Java™ System Identity Manager

The Proven, Scalable Provisioning and Compliance Solution



Highlights

Cost-effective provisioning and compliance in one streamlined, scalable identity management solution.

- Comprehensive provisioning and identity auditing capabilities
- Proven scalability in environments of 10+ million users
- Specifically designed to reduce operational costs with automation, self-service, and delegated administration capabilities
- Non-invasive architecture for fast, easy, cost-effective implementation
- Capabilities to address regulatory mandates as well as internal privacy and policy initiatives
- Repeatable processes for ongoing, sustainable compliance



Years after the adoption of the Sarbanes-Oxley Act of 2002, organizations continue to be challenged by the issue of complying with an ever-growing number of government regulations affecting the integrity of financial and other data and the privacy of sensitive personal information. Identity management is becoming a cornerstone of their efforts, since identity controls are so often a priority for auditors. The problem is finding a solution that incorporates both identity lifecycle management for day-to-day provisioning purposes and identity auditing to meet ongoing compliance requirements.

For most organizations, the first step in incorporating identity management into compliance processes is deploying a user provisioning solution to manage the identity lifecycle. But traditional provisioning solutions offer little in the way of identity auditing and do nothing to ensure that identity controls are consistently applied across both provisioning and auditing processes. Ultimately, companies are forced to try to solve the problem on their own by finding an identity auditing product that works with their provisioning solution — a taxing process for IT that is likely to meet with limited success.

Complicating matters further is the growing momentum toward collaboration with other organizations, including partners that can help develop competitive new products and services. This means that compliance requirements will ultimately extend beyond enterprise boundaries, and that provisioning solutions must be able to scale to include extranet environments. Without a complete solution that can scale, organizations resort to using

multiple products, building provisioning and auditing into each individual extranet project. However, this approach becomes financially and operationally untenable as the number of projects grows.

Sun Java™ System Identity Manager

Sun Java System Identity Manager is the first provisioning solution to fully address compliance challenges. Identity Manager integrates automated identity lifecycle management with identity auditing capabilities. By applying the same business rules, roles, and audit policies, it ensures consistent enforcement of identity-based controls and reduces ongoing operational and compliance costs. It's also easily scalable to the extranet, with proven performance in environments of more than ten million users. With a large base of installed users, Identity Manager's track record and proven performance has earned widespread recognition as a leading provisioning solution by top industry analysts and observers.

Industry-leading user provisioning and synchronization

Identity Manager delivers automated provisioning and synchronization services to provision users quickly and accurately and to automatically synchronize user identity data across applications, directories, and data stores. It is designed to reduce costs for both initial deployment and ongoing operations.

Identity Manager's provisioning architecture is non-invasive, enabling organizations to implement it with little impact on existing IT infrastructures and enjoy a lower cost of ownership. The solution features simplified connections that use agentless adapters to speed deployment across multiple platforms, applications, directories, and databases. Identity Manager has been shown to enable improvements on internal rate of return (IRR) targets of up to 20%. A data-sparse architectural approach is an

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important aspect of being non-invasive. The data-sparse approach collects some person attributes centrally (such as name, email address, manager, etc.), but only stores a minimal set of the account data necessary to manage each resource. By eliminating the

need to set up and maintain complex replication infrastructures for duplication of all account data back to a centralized repository, Identity Manager provides centralized management without the difficulty and delay associated with traditional redundant repository deployments. As more data is needed centrally, Identity Manager has the flexibility to optionally extend the data model to replicate other account attributes.

Once deployed, Identity Manager uses capabilities such as policy-based automation, delegated administration, and self-service to control ongoing provisioning and auditing costs. By automating processes that have been done manually in the past, it speeds provisioning and deprovisioning while ensuring consistently accurate processes. Administrative activities and everyday tasks such as password management are delegated to administrators and users throughout the organization. The result is lower operational costs and workload reductions of up to 80% for administrative and help desk personnel.

Auditing that goes beyond mere logging and reporting

Identity Manager is the only provisioning solution to provide policy-based integration of the identity lifecycle management and identity auditing processes. This integrated approach is the only way to consistently apply identity-based controls across provisioning and auditing processes. By making it possible to use a single

solution to handle essential tasks — such as stopping the improper aggregation of access privileges and detecting excessive access by any user — Identity Manager greatly simplifies compliance.

Identity Manager's identity auditing capabilities include automated reviews and proactive scanning to ensure consistent policy enforcement and repeatable processes. Automated reviews and scanning also enable early detection of and notification about policy violations, helping to reduce their impact.

Reports are key deliverables for audits, and Identity Manager provides compliance reports for major legislative mandates as well as the ability to easily build custom reports. But, Identity Manager goes far beyond simple reporting to provide ongoing policy violation tracking and automated remediation of violations. For example, if a violation is detected during an automated review, the account is automatically disabled pending investigation, and the entire incident is fully documented and reported for auditing purposes.

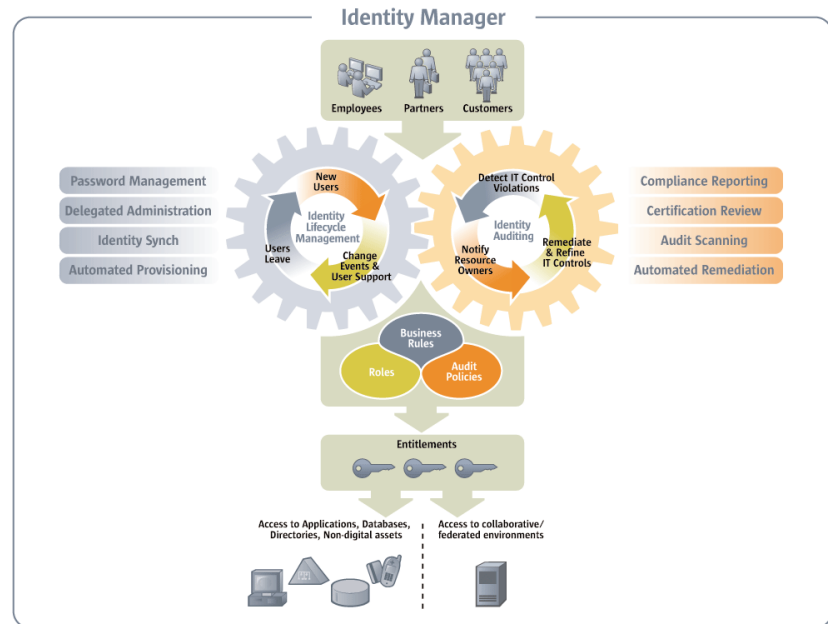
By offering extensive identity auditing capabilities and making identity auditing processes repeatable and sustainable, Identity Manager enables organizations to reduce their cost of compliance through streamlined operations and more efficient use of resources.

Scalable to millions of users, including extranet users

Identity Manager is the first provisioning solution to allow organizations to easily extend identity controls to unlimited extranet environments and to scale accordingly. It meets the toughest scalability requirements, delivering provisioning and auditing to environments with tens of millions of users, performing thousands of new account creations and account updates per minute, and meeting extreme availability requirements (99.9%+) to ensure the highest possible quality of service.

The same non-invasive architecture that speeds deployment across multiple platforms, applications, databases, and directories within an organization extends to quickly deploy the solution to extranet environments as well. This architecture allows data to be managed centrally yet stored locally.

Federated identity administration allows identities to be managed across domains, making it as easy to manage extranet identities as it is to manage internal identities. A key enabler of outsourced application projects, federation allows partnering organizations to trust and share digital identities and attributes of users across domains, vastly simplifying the process of enabling secure interaction among organizations.



Identity Manager brings together complete capabilities for identity lifecycle management and identity auditing to reduce costs and mitigate risks.

Another first from a pioneering leader in identity management solutions

Sun was the first to market with extranet provisioning and identity auditing capabilities — and is now the first to offer these capabilities in a single integrated product. The company has a large installed base including thousands of customers, many in the Fortune 100.

Identity Manager is a key component of Sun's complete identity management portfolio, which also includes products for access management, directory services, and identity federation. Identity Manager has been singled out as a leading provisioning solution in both the Gartner Magic Quadrant and the Forrester Wave.

Identity Manager is also a part of several joint solutions with Sun partners, extending the product's value by integrating it with technology for:

- Business roles management
- ERP compliance
- Enterprise single sign-on
- Converged physical and logical security

Choosing a solution that combines identity management with another key business function enables customers to pursue a comprehensive security and compliance strategy without the cost and effort associated with installing and integrating separate solutions.

Capabilities at a glance — Identity Manager provides all the capabilities to control the cost of managing identities while reducing compliance risk.

Feature	Function	Benefit
Audit Policy Engine	<ul style="list-style-type: none"> Enables IT controls to be translated into digital policies Allows enforcement of controls during both provisioning and periodic auditing 	<ul style="list-style-type: none"> Helps simplify compliance through policy-based integration of identity lifecycle management and identity auditing processes
Policy-Based Provisioning and Workflow	<ul style="list-style-type: none"> Enables complete and automated identity lifecycle management Flags potential violations before committing entitlements to target systems 	<ul style="list-style-type: none"> Prevents compliance violations during identity administration
Identity Audit Scanning	<ul style="list-style-type: none"> Checks for violations in identity data in target applications Automatically detects policy violations 	<ul style="list-style-type: none"> Provides automated, early warning about violations to reduce compliance risk later
Automated Certification Review	<ul style="list-style-type: none"> Provides for scheduled reviews of access privileges and policy violations with delegated managers and compliance owners Automatically initiates remediation processes and documents exceptions 	<ul style="list-style-type: none"> Reduces the cost and effort of compliance by streamlining and automating the ongoing access privilege review process
Compliance Dashboard	<ul style="list-style-type: none"> Displays a summary view of compliance metrics Displays violations, exceptions, and anomalies 	<ul style="list-style-type: none"> Ensures executives have complete and current visibility into security and compliance exposures for timely decision-making
Strong Security Services	<ul style="list-style-type: none"> Enables signing of approvals using digital certificates Detects tampering of audit log records 	<ul style="list-style-type: none"> Eliminates the need to manually write up documented remediations and exceptions approvals for auditors
Compliance Reporting	<ul style="list-style-type: none"> Issues preconfigured reports for common identity audit data Reports on policy violations, remediations, and exceptions Enables custom reports of identity and audit data 	<ul style="list-style-type: none"> Reduces need to gather data manually and accelerates compliance audit process
Extranet and Federated Identity Administration	<ul style="list-style-type: none"> Provides scalable option for secure identity administration and federated provisioning in extranet-facing applications and portals Delivers tested support in 10 million+ user environments 	<ul style="list-style-type: none"> Helps accelerate the introduction of new, revenue-generating applications and services without compromising security or compliance controls
Non-Invasive Architecture	<ul style="list-style-type: none"> Manages data where it natively resides using virtual identities Eliminates need for a centralized repository of all account data Connects to target systems with standard remote protocols 	<ul style="list-style-type: none"> Facilitates rapid deployment by eliminating the technical and political challenges surrounding data ownership and system maintenance
Business Process Editor	<ul style="list-style-type: none"> Provides a powerful NetBeans™ Integrated Development Environment (IDE) Includes comprehensive library of built-in identity business process templates 	<ul style="list-style-type: none"> Reduces time and cost of deployment and maintenance Allows for seamless integration with existing controls and processes

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Supported standards and managed resources

Identity Manager standards support — including interface support for SPML v2.0 and workflow implementation in accordance with the WfMC TC-1003 Workflow Reference Model — allows identity business processes to be easily integrated into broader business process functions. Standards support also ensures out-of-the-box integration with existing and future technology infrastructure investments.

Supported Standards

- SPML v2.0 integration interface support
- Workflow Management Consortium (WfMC) TC-1003 Workflow Reference Model standard for workflow implementation

Managed Resources

Operating systems

- Solaris™ Operating System
- Red Hat Linux
- HP OpenVMS
- HP-UX
- IBM AIX
- IBM OS/400
- Microsoft Windows
- SuSE Enterprise Linux

Applications

- Oracle E-Business Suite
- PeopleSoft HRMS
- SAP R/3 Enterprise
- SAP Enterprise Portal
- Siebel CRM
- Virsa Access Enforcer
- Bridgestream SmartRoles

Directory servers

- Sun Java System Directory Server
- Lightweight Directory Access Protocol (LDAP) v3
- Microsoft Active Directory
- Novell eDirectory
- OpenLDAP

Databases

- IBM DB2 Universal Database for Linux,UNIX®, and Microsoft Windows
- Microsoft SQL Server
- Microsoft Identity Integration Server (MIIS)
- MySQL
- Oracle
- Sybase Adaptive Server

Help Desk

- Remedy Help Desk

Message platforms

- Lotus Notes
- Microsoft Exchange
- Novell GroupWise
- Blackberry RIM Enterprise Server
- Sun Java System Messaging and Calendar Service
- Java Message Service (JMS) Message Queue

Security managers

- CA-ACF2
- CA-Top Secret
- IBM RACF
- RSA SecurID
- ActivIdentity

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- Natural
- INISafe Nexess
- Passlogix v-GO

Web access control platforms

- Sun Java System Access Manager
- IBM Tivoli Access Manager
- CA eTrust SiteMinder
- RSA ClearTrust

Rapid connectivity for custom applications

- Generic Database Table Wizard
- Generic Database Script Adapter
- Generic UNIX/Linux Script Adapter
- Generic Windows Script Adapter
- Generic Host Access (Mainframe) Script Adapter

Standards

- Service Provisioning Markup Language (SPML)

For more information

To learn more about Java System Identity Manager, please visit sun.com/identity.