

# A Joint Solution from Sun and Virsa

## Highlights

- Complete solution for enterprise identity management and compliance for ERP customers
- Provides preventative compliance by combining ERP auditing and identity management
- Centralized visibility and control over access to critical systems and information
- Real-time insight into who has access to what resources and data at any given time
- Automatic detection of and response to potential risks, such as dormant accounts
- Enterprise-wide identity auditing and reporting
- Role/rule-based approach to support repeatable, auditable, enforceable security processes

## > The business challenge

Today, enterprises everywhere face unprecedented demands to comply with strict requirements governing the security and integrity of their critical business applications and information. To meet these requirements, an organization must be able, at any given time, to know who has access to what information resources, monitor changes in access control, report the results, and provide a historical record. Corporations need to provide complete visibility throughout their entire enterprises.

To ensure compliance with legislative and international requirements, organizations are being forced to add staff, hire consultants, and implement processes that are often manual and complex. They expend a great deal of manual effort preventing users from erroneously accumulating conflicting privileges. The challenge is to find manageable, repeatable, sustainable, and cost-effective alternatives for meeting security and compliance objectives over the long term.

## The solution

Through the combined integration of Sun's Identity Manager products and Virsa's Access Controls products, enterprises can finally achieve that elusive goal of continuous compliance. The integration provides automated, system-wide auditing and reporting capabilities to assist with streamlining corporate policy and legislative compliance for mission-critical Enterprise Resource Planning (ERP) applications and across all other enterprise IT resources.

The industry-leading Java™ System Identity Manager employs a variety of capabilities, features, and tools to ensure that access to sensitive information is subject to the most secure control possible. It enforces security

policy, enables conformance to global standards, and ensures compliance with legislative requirements. The scalability of provisioning from Java System Identity Manager, combined with the risk assessment of Access Enforcer, prevents cross-application provisioning conflicts — for example, creating a vendor in one system and paying the same vendor in another system — from occurring. Automated and continuous monitoring of user access reduces risks to systems caused by subsequent rule changes or unauthorized provisioning. In addition, the combined solution automatically detects and reacts to potential risks, such as dormant accounts, while providing a central point from which user accounts can be instantly revoked. This prevents the risk of erroneously aggregated privileges, and reduces the time spent auditing and fixing access control.

Virsa Access Enforcer simulates compliance issues in the production system before approving a request, and automatically pulls information from within ERP identity sources and checks for security violations. Together, Java System Identity Manager and Virsa Access Enforcer provide complete visibility throughout your enterprise, giving you control over network resources, ERP applications, and other mission-critical business applications. They help meet corporate security policies and regulatory requirements by enabling:

- Compliance with national and international regulations governing privacy, security, and financial integrity
- Enterprise-wide identity auditing and reporting
- Role- and rule-based approach supports repeatable, auditable, enforceable security processes
- Ability to review the status of access privileges at any time
- Prevent risk from ever entering the system
- Automated mandatory checks for separation of duties (SOD) violations, and access to critical transactions prior to provisioning identity and access into ERP systems
- Compliance with regulatory requirements to periodically review and document user access assignments
- Accountability for who did what, and when
- Easy viewing for auditors and process owners

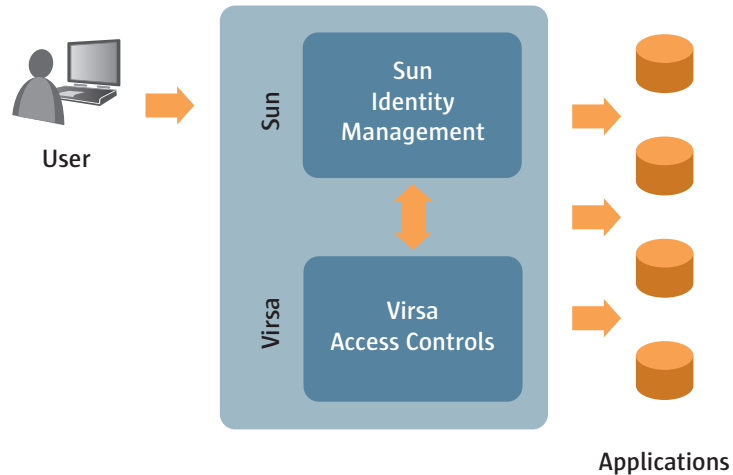
### How does it work?

The integrated solution provides continuous compliance by automating provisioning and auditing of user access across all enterprise IT resources, including custom and Web applications, host mainframes, directories, databases, operating systems, and ERP applications.

The process starts with the Java System Identity Manager:

- A user's enterprise role is set up
- The user's virtual identity is created, tying that user to accounts across the enterprise
- User accounts are automatically provisioned and deprovisioned across the enterprise based on compliance policy
- Documentation of provisioning controls and reports for periodic access reviews are generated for auditable evidence

## Continuous Compliance Solution



*The integrated Continuous Compliance Solution from Sun and Virsa*

When a request for ERP provisioning is made through the Java System Identity Manager, it is handed off to Virsa Access Enforcer, which:

- Performs a risk analysis of the request to check segregation of duties or privileged access violations
- Provides mitigating controls through automated workflow
- Assigns a role to the user in the ERP system. That information is passed back to Java System Identity Manager
- Provides ongoing, activity-based monitoring of ERP system transactions

### Conclusion

Today's commerce requires companies to open up to a global, online economy, while facing more regulatory and legislative mandates than ever before. In an age of information security audits, internal and external security threats,

and regulatory and government privacy mandates, protecting sensitive enterprise resources and data is more important than ever.

Unfortunately, as the computing environment grows even more complex and dynamic, managing risk and compliance becomes more difficult. The integrated solution of Java System Identity Manager and Virsa Access Enforcer provides complete visibility throughout your organization, giving you control of network resources, ERP applications, and other mission-critical business applications to help you meet corporate security policies and regulatory requirements. The integrated solution helps shift your focus from after-the-fact reactive compliance to preventive compliance.



Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 USA Phone 1-650-960-1300 or 1-800-555-9SUN Web sun.com

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