

IBM Tivoli Federated Identity Manager Business Gateway

Highlights

- Help reduce business integration, help-desk and security administration costs with an easy-to-use, rapidly deployable single sign-on (SSO) solution
- Benefit from the security and economy of SSO for use internally or with business partners
- Help minimize the cost and burden of creating and maintaining user identities shared across multiple business partners
- Leverage easy configuration and rapid deployability of a small infrastructure footprint
- Improve compliance with tracking and auditing capabilities
- Rapidly deploy and share Web-based services with business partners

As your business continues to grow, so does your need to collaborate with customers, partners, agents and suppliers. The Web has become a major vehicle for information sharing and commerce, and an essential tool in maintaining a foothold in a fiercely competitive marketplace.

Although they frequently do not want the expense of enterprise-class solutions, smaller organizations need to connect with larger organizations in a secure fashion via the Web for a variety of reasons:

- An independent retailer or manufacturer may need the ability to integrate with a larger organization in its supply chain — to check inventory or place orders.

- Service providers often need a way to federate identity information with a larger business partner, such as a telecommunications company, to sell their services to end users.
- Branches of insurance agencies and banks must have a way to securely integrate identity information with the parent company, enabling them to easily access parent company resources.

Additionally, businesses of every size may simply need to implement a department-level SSO tool.

All of these organizations require the ability to implement a federated identity management solution that can integrate with third-party identity management solutions in order to deliver trusted and secure Web access to users. Users can then navigate across Web sites while maintaining a single logon identity.

Federated identity management is a key to reducing the cost, complexity and user frustration created by duplication and maintenance of user identities across multiple business partners. It also enables organizations to greatly expand their service offerings and improve the user experience. Yet for companies with narrow federation needs, an enterprise-level solution can be cost-prohibitive and excessive in scope.

Leverage the ideal entry-level SSO tool

IBM Tivoli® Federated Identity Manager Business Gateway is the ideal entry point for establishing federated Web SSO capabilities. Built especially for small-to-midsize organizations, this powerful business integration software uses open standards to bring together customers, partners and suppliers — with a single, easy-to-deploy application that provides a smooth migration pathway to an enterprise-level application.

Implementing a federated SSO application not only helps improve the user experience — by providing a single password for logon to multiple business partners — but it also enables you to more effectively manage identities across

your infrastructure while preserving the confidentiality of user data. With Tivoli Federated Identity Manager Business Gateway, your organization can leverage a single application that provides:

- Simplified integration with online partners.
- Fast time to market for on demand business initiatives.
- Accelerated SSO deployment through loose coupling between federation software and business applications.
- A lightweight, entry-level application to meet targeted, small-to-midsize business (SMB) or department-level identity management requirements.
- Audit logs, tracking and incident reports — as well as security best practices — to meet corporate and regulatory compliance policies.

Help minimize cost and complexity of identity maintenance

A disproportionate amount of time and resources within IT organizations today is spent managing user identities. Tracking, reprovisioning and removing access for unauthorized users is a time-consuming chore that compounds when working with business partners and vendors. Tivoli Federated Identity Manager Business Gateway helps reduce the time and operational costs of performing these tasks manually.

In addition, having federated SSO capabilities helps minimize demands on help-desk agents, since they are no longer required to manually transmit identity and security information.

Fast integration helps speed deployment of on demand business initiatives

A lightweight solution that requires little setup and training, Tivoli Federated Identity Manager Business Gateway is designed to be loosely coupled with your existing business applications, freeing you from dependence on proprietary application programming interfaces (APIs) that can require time-consuming, extensive modifications to your applications. Proprietary APIs also greatly limit your flexibility in integrating with business partners and in operating your identity infrastructure. Eliminating dependence on proprietary APIs helps minimize programming requirements and helps reduce identity maintenance costs — and speed deployment of your on demand business initiatives.

Tivoli Federated Identity Manager Business Gateway is so easy to integrate that you can quickly implement your federated identity management solution — often in a matter of minutes. For instance, a supplier that wants to

integrate with a business partner can request configuration information from the partner via e-mail for almost instantaneous implementation.

Once installed, Tivoli Federated Identity Manager Business Gateway enables you to quickly offer your customers a security-rich way to easily access the information they need — without the headaches of additional sign-on requirements, or the cost of running redundant identity infrastructure. The software helps you not only improve your service capabilities — it also frees your operations staff to focus on other, more critical issues.

Flexibly manage identity and service provider roles

With a single application, Tivoli Federated Identity Manager Business Gateway enables your organization to serve in either the identity provider role or the service provider role.

Identity providers are organizations that need to directly manage end-user identities; they “vouch” for user identities and entitlements for employees, customers, vendors and so on.

Service providers are organizations that need to provide services to end users; they act as “relying parties” to validate credentials issued by trusted identity partners in order to provide services to those partners.

With Tivoli Federated Identity Manager Business Gateway, your organization can perform either role, or both, as needed.

Use SMB and department-level SSO

Many organizations would like to take advantage of SSO solutions but dislike the cost, complexity and difficulty associated with them. Instead, these organizations would prefer a solution that provides Web SSO in a small footprint, low-cost option. Tivoli Federated Identity Manager Business Gateway answers this request in a slim package that provides the necessary elements of a full-fledged SSO solution — authentication, authorization and auditing — without the fluff of large, enterprise-wide solutions. When your identity needs expand and you’re ready

to move up to an enterprise-level solution, Tivoli software accommodates you with a built-in and easy migration path.

Maintain security and facilitate compliance

Tivoli Federated Identity Manager Business Gateway is built to help your organization flexibly manage identity access and meet corporate and regulatory compliance requirements by employing consistent, centralized access control. Built-in features include:

- Automatic load balancing and easy replication of configuration.
- Multiple authentication methods.
- Tracking capabilities — so you can investigate changes and pinpoint their origin.
- Security token service (STS) — for real-time exchange of security credentials of a partner or domain with the identity infrastructure of another partner or domain.
- Best practices for identity management.

To further help you meet compliance requirements, Tivoli Federated Identity Manager Business Gateway also logs audit records in XML format, simplifying integration with various reporting tools.

Enable smooth migration to an enterprise solution

As your business continues to expand and relationships with customers, partners and suppliers grow as well, Tivoli Federated Identity Manager Business Gateway can easily take your organization to the next level. IBM Tivoli Federated Identity Manager — an enterprise-level solution — offers even more powerful capabilities for managing thousands of identities across multiple channels while utilizing the same user-friendly Web-based administration tool, IBM Integrated Solutions Console (ISC).

For more information

To learn more about how Tivoli Federated Identity Manager Business Gateway can help your organization establish a federated Web SSO solution, please contact your IBM representative or IBM Business Partner, or visit ibm.com/tivoli

About Tivoli software from IBM

Tivoli software provides a comprehensive set of offerings and capabilities in support of IBM Service Management, a scalable, modular approach used to deliver more efficient and effective services to your business. Meeting the needs of any size business,

Tivoli software enables you to deliver service excellence in support of your business objectives through integration and automation of processes, workflows and tasks. The security-rich, open standards-based Tivoli service management platform is complemented by proactive operational management solutions that provide end-to-end visibility and control. It is also backed by world-class IBM Services, IBM Support and an active ecosystem of IBM Business Partners. Tivoli customers and partners can also leverage each other's best practices by participating in independently run IBM Tivoli User Groups around the world — visit www.tivoli-ug.org

Tivoli Federated Identity Manager Business Gateway at a glance

Supported platforms

- IBM AIX® (32-bit) 5.2 and 5.3
- Red Hat Enterprise Linux® Advanced Server 3.0 and 4.0 for IA32
- Red Hat Enterprise Linux Advanced Server 4.0 for IBM S/390®
- SUSE Linux Enterprise Server 9 for S/390
- SUSE Linux Enterprise Server 9 for IA32
- Sun Solaris 9 and 10 SPARC
- Microsoft® Windows® Server 2003

Supported standards

SSO and identity federation between identity providers and service providers using:

- Security Assertions Markup Language (SAML) 1.0 and 1.1

Supported identity stores

- Microsoft Windows Desktop Single Sign On via IBM WebSphere® Application Server 6.1 Simple and Protected GSS-API Negotiation Mechanism (SPNEGO) plug-in Trust-association Interceptor (TAI)
- Enterprise Directory via WebSphere authentication services

Supported software development platforms

- .NET via Microsoft Internet Information Services plug-in
- J2EE™ via WebSphere Lightweight Third-Party Authentication (LTPA) token

Embedded with

- WebSphere Application Server 6.1

Note: Platform support information may change occasionally. Visit ibm.com/tivoli for the latest information.



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Software Group
Route 100
Somers, NY 10589
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