

An award-winning, one-stop access management solution for total protection of Web Services and Web-based applications and portals.

Extends the benefits of Access Management beyond the web applications to the complete enterprise.



The future is global access through Web Services. But if you don't comply with tough new laws on governance and privacy, you have no future. That's why you need Global Trust right now.

Permission Management Infrastructure manages authorization, access, privacy, while providing rock-solid accountability.

Global Trust is a Permission Management Infrastructure (PMI) that sets the ground rules for web-based access to data and applications. With Global Trust in place, all your users – employees, partners, customers, patients, citizens – can only get access to applications and data for which they have been authorized. That means your organization can finally create its own brave new world of eBusiness, eGovernment, or eAnything.

Oh yes. And let's not forget ePrivacy. Customers, citizens and other users now expect that you will provide their personal data only to people and organizations that they have explicitly approved.

That's why Global Trust includes everything you need for securing web applications and Web Services: **Authentication** (i.e., the users are who they say they are); **Authorization** (users can do only what you allow them to do); **Enhanced Audit** (recording who has accessed what, when, where, and how); **Administration** (setting the rules for authentication, authorization, privacy); **Privacy** (users can specify who gets access to their personal data).

Global Trust is comprehensive, flexible, and highly granular. It is remarkably easy to deploy and manage. So however you calculate TCO and ROI, you'll find that Global Trust will start saving you money, fast.

Your organization is opening up access to remote employees, business partners, customers, and even the general public. Yet you still must protect all your enterprise resources.

But an even bigger problem looms ahead: mandatory compliance with a slew of tough new laws on corporate governance and privacy. There's the Sarbanes-Oxley Act, Gramm-Leach-Bliley Act, and HIPAA in the US. In Canada, there is PIPEDA and the Privacy Act. At the state and provincial level, and in other countries... the list is long!

The good news is that Global Trust makes it all possible.

CHANGE AGENTS GET A CRUCIAL ENABLING TECHNOLOGY

Your job is to drive change in your organization, to create the new eCommerce, eGovernment, eAnything applications that will revolutionize how your staff works, and how your organization deals with suppliers, customers, partners, and the general public. And you have to meet tough statutory or market requirements for security and privacy.

Global Trust helps make it happen. Global Trust gives you fine-grained control of who can access what application. More than that, it lets you control down to the field level who gets access to what data—a feature that is essential to ensuring privacy.

And Global Trust works with the hottest new Web Services-based applications, with existing browser-based applications, with applications originally designed for client-server, and with even the legacy applications still running on your mainframe.

USERS MEET NO BARRIERS

Global Trust doesn't stand in the way of authenticated, authorized users. Thanks to the web services, portals, and browser-based applications built with the aid of Global Trust, users can sign on once to their Windows workstation—or to the web portal—and then see only the applications that they are authorized to use.

Because staff members need to identify themselves once only, they will get the well-known benefits of Single Sign-On: a smooth workflow as they switch from application to application, only one password to remember, less time spent in embarrassing calls to the help desk. And your organization will get other, equally well-known benefits: fewer passwords on Post-It notes, more real security—and a smaller budget for the Help Desk!

Customers using your eCommerce site will see the benefits of Global Trust's federated trust feature, as customers are automatically transferred to your site. No need for a second sign-on. No need for the customer to reenter data. No abandoned shopping carts.

THE DEPLOYMENT TEAM CAN GO HOME EARLY

With some software products, deployment is like a nightmare that never ends. Installing and reinstalling software left, right, and center. Multiple repositories for configuration data. Multiple administration tools. Filling out form after form with repetitive manual entries. Configuration errors galore.

But Global Trust deploys like a dream.

For example, to secure web server farms, your deployment team can choose between Global Trust proxy servers or Global Trust plug-ins. Putting a proxy server in front of web server farms means that your deployment team will only need to install Global Trust software on very few machines—a big time-saver.



You can secure Web server farms with either Global Trust plug-ins or a Global Trust Proxy server.

Because Global Trust has only one repository for all configuration data, and only one administration tool, your deployment team will save even more time and headaches.

Global Trust avoids manual data entry whenever possible. For example, you can quickly import or adopt users from existing repositories (e.g., Microsoft Active Directory, Novell eDirectory, or an ERP-based HR directory). Thereafter, Global Trust can synchronize itself with these sources.

Nor do you need to manually enter URLs for each resource to be protected. Our unique Resource Explorer automatically discovers and maps all resources in your network.

THE SECURITY SPECIALISTS GET ALL THE TECHNOLOGY THEY DEMAND

- Flexible authentication, including support for strong passwords, biometrics, smart cards, etc.
- Fine grained authorization that can control access all the way down to the field level.
- Enhanced audit, including log records that are digitally signed and cryptographically secured.

This isn't just a checklist. This is what you actually need for the strongest possible protection, accountability, and privacy.

Strong authentication prevents impersonation. Not only does Global Trust support current authentication technologies, its modular architecture ensures that new technologies can be adopted almost as soon as they appear.

Global Trust's field-level authorization policies are essential for meeting privacy requirements. For example, a hospital patient may release only selected information to an insurance company.

Global Trust uses XACML to ensure the greatest flexibility in expressing rules and policies. Whether policies come from head office, from a local administrator, or from the user, Global Trust's powerful rule-enforcing engine makes sure that only authorized users get access.

To meet stringent accountability requirements, you need more than a bunch of log files. You need rock-solid accountability. Global Trust logs who has done what, when where and how and secures the log with a complete cryptographic chain from authentication to authorization for each and every transaction. This means that Global Trust automatically detects any tampering with the log files.

SYSTEM ADMINISTRATORS GO RIGHT TO WORK

Global Trust features a powerful, Web-based management tool that is remarkably original in design, yet will seem familiar to network administrators and experienced Windows users.



Policy inheritance and role-based access control (RBAC) allow administrators to automatically set policies for groups of users and resources with no repetitive typing. And each level of administrator can delegate selected responsibilities to sub-administrators based on geography, role, and any other criteria.

APPLICATION DEVELOPERS GET SIMPLICITY AND POWER

For straightforward deployments, developers need to write no application-specific security code—in fact, no security code at all. That means that they can concentrate on implementing new functionality for your organization.

But when the time comes to build applications taking advantage of Global Trust's advanced security features, developers will find a comprehensive, thoroughly documented SDK.

Personalized portals. Business rules combined with security rules. Programmatic security. Custom applications for the help desk. User self-management. With Global Trust SDK, the possibilities are endless.

OUR ARCHITECTURE FITS YOUR ARCHITECTURE

Global Trust was designed to be a flexible, platform-agnostic framework. It makes no difference whether your organization has committed to .NET or to any other technology.

Similarly, administrators and application developers want to work at the level of detail they need. So Global Trust was

designed to let administrators and application developers do their normal work at a high level, ignoring for example the internals of the authentication methods used.

But if they need to drill down to the details, Global Trust makes it all available. For example, Global Trust can let an administrator create a rule that a user can access highly sensitive data only after signing on with a smart card.

And as technologies evolve and new technologies are developed, OKIOK will support those technologies using straightforward plug-ins.

You can run Global Trust on a single server. And for some organizations, one server may be enough. But because key Global Trust components can be distributed, Global Trust provides extreme scalability—up to millions of users—and high availability. For utmost uptime, you can use multiple redundant Global Trust servers.

SELECT THE PACKAGE THAT SUITS YOUR SPECIFIC NEEDS

Global Trust comes in various editions, so you don't need to buy technology that you don't need.

Choose the **Light Edition** if you just need a straightforward web-based single sign-on solution. For more flexibility, go for the **Standard Edition**. But if you need the strongest in accountability and privacy, the **Enterprise Edition** is the one for you.

KEY FEATURES

Advanced Security and Privacy Services

- Open, standards-based Extranet access management.
- Four A's: Authentication, Authorization, Administration and Audit.
- Privacy and user self-management
- Comprehensive security management.
- Flexible choice of authentication mechanisms.
- Single sign-on to web-based applications.
- All required services for a complete enterprise-wide solution.

Open, Flexible Architecture

- Compatible with industry-standard Web servers, directory servers, and application servers.
- Compatible with .NET and other Web Services frameworks.
- Interoperability between platforms.
- Interoperability with other applications.
- Supports current technologies such as CORBA, EJB, Java, J2EE, JSP, LDAP, RBAC, RMI, SOAP, SAML, XML, X.509.
- Easy migration to future technologies.
- Comprehensive, thoroughly documented SDK.
- Abstracts security services from application code so developers can focus on business functions.

Extreme Scalability

- Available in Light, Standard and Enterprise Editions.
- Runs on as little as one server.
- Scales up to manage Internet-sized populations of 1,000,000+ users.
- High availability provided through redundant hardware and load balancing protocols.

Easy To Deploy and Manage

- Transparent to end users.
- One repository for all configuration data.
- One web-based administration tool, one CLI administration tool.
- Documented strategies to simplify deployment.
- Manual data entry avoided through importing, migrating, adopting, discovering, and synchronizing with third-party repositories.
- Based on RBAC security model that assigns rights and permissions to roles instead of individual users.
- Supports a flexible delegation policy.
- Supports branded electronic services (white labeling), i.e., concurrent operation of multiple portals, each with distinct look-and-feel and distinct security policies.

KEY BENEFIT: THE CFO GETS TO PICK UP A SMALL TAB

Each Global Trust edition is competitively priced. But the attractive price is just the beginning: Global Trust's features make its total cost of ownership unmatched in the industry.

Deployment costs: low, because Global Trust avoids most of the headaches.

Development costs: low, because you probably won't need any security-specific code; and because the SDK is comprehensive and well documented.

Support costs: low, because of the benefits of single sign-on and user self-management.

Management costs: low, because there is only one powerful management tool and one repository; and because RBAC and delegation allows system administrators to delegate most tasks to non-technical staff who can be close to the users they look after.

Training costs: low, because the one management tool is easy for administrators to learn; and because all users need to learn is how to sign on!

Future possibilities? Endless, thanks to Global Trust.

TECHNICAL SPECIFICATIONS

System requirements

- Server platform offering a JVM (Java Virtual Machine) supporting JDK 1.3 or better
- Global Trust proxy for .NET requires Microsoft ISA Server

Supports multiple authentication mechanisms

- Hardware tokens
- IDs and password.
- Passtickets
- Shared secrets
- X.509 certificates

Based on industry standards

- CORBA (Common Object Request Broker Architecture)
- EJB (Enterprise Java Beans)
- JAAS (Java Authentication and Authorization Service)
- Java
- LDAP (Lightweight Directory Access Protocol)
- PKI (Public Key Infrastructure)
- RMI (Remote Method Invocation)
- RSA (Rivest, Shamir, Aldeman)
- XML (Extensible Markup Language)
- SAML (Security Assertion Markup Language)
- SOAP (Simple Object Access Protocol)
- X.509 certificates
- Liberty Alliance

Compatibility

- Compatible with most application servers including WebLogic, Tomcat, Borland and IBM WebSphere
- Compatible with industry-standard Directory servers such as Sun One, Active Directory, iPlanet, IBM directory server, eDirectory servers
- Compatible with most application servers and servlet engines including IBM WebSphere, BEA WebLogic, Borland Enterprise Server and Apache Tomcat



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Solutions for a changing world

OKIOK is a leader in the field of computer security. Since 1973, the company has distinguished itself through the excellence of its products and the high quality of its services. OKIOK offers a wide range of integrated solutions designed to meet the needs of organizations of all sizes.

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