Solution Brief

Thru.

Global File Exchange

Thru® Server is a secure content delivery and archiving system that improves global file exchange using your existing collaborative applications or processes. You can speed up large file transfers between geographies, streamline content distribution across locations, audit internal and external user activity and enforce archiving and disposition policies.

Business Need

Faster Innovation and Less Risk

Global collaboration is an important source of competitive advantage. Communicating with teams of employees, contractors, partners and suppliers who are distributed around the world is commonplace. Faced with fierce competition, talent shortages and demanding product delivery schedules, you need to quickly exchange large amounts of information across wide area networks and between organizations, yet meet compliance requirements and maintain control of your intellectual property.

Unfortunately, commonly-used collaboration tools weren't designed to support the demands of global file exchange, specifically the security, storage and network bandwidth requirements. There is the ever-present risk of data leaks and change management issues which increase business liability.

For example:

- **Intellectual property** is distributed externally throughout the supply-chain from desktops, servers and email devices
- **Contracts, blueprints, drawings, artwork, recordings and other sensitive information** is scattered across email servers, file shares, removable media and FTP sites

IT Challenge

More Complexity and Cost

There are multiple considerations when transferring and tracking files over wide area network connections.

File Size Limitations

As color resolution improves, applications become more robust and richer content is developed, file sizes grow significantly. Research shows that this trend will continue. However, the underlying infrastructure required to share large files, particularly across long distances, is often lacking. Typically, storage and network bandwidth are exhausted while downtime and bottlenecks are increased.

Information Security

It is important to grant the right level of access to the right amount of information at the right time. For instance, work in progress is usually more sensitive than finished content. Also, when content is delivered electronically, appropriate protection needs to be placed on it to prevent theft or loss. Many security tools can be difficult to use and hard to scale across different geographies and between organizations.

Infrastructure Complexity

To address these issues and prevent information leaks, organizations deploy a complex set of:

- Encryption key management servers
- Data leak prevention agents
- Managed file transfer clients
- WAN acceleration appliances
- File repositories and servers
- Content management systems
- Information rights management plug-ins
- CD/DVD duplication machines

The resulting sprawl creates incompatibilities, user support calls and IT management overhead.

Distributed Content Synchronization™ (DCS): moving large files securely and efficiently across wide area networks

Thru Server offers an integrated suite of secure messaging, large file transfer and content archiving capabilities that are simpler to use and manage. Thru Server helps you speed up innovation with less risk by letting you perform Distributed Content Synchronization™ (DCS). You can foster secure and efficient collaboration with global teams and suppliers without the headache of managing more tools and spending more money. DCS helps you overcome the limitations of file sizes and time by streaming large files securely across wide area networks, bringing information closer to where it's needed quickly and enabling effective business continuity.

Business Benefits

With Thru Server you can realize:

- **Increased productivity** – Seamless integration, simplified file transfer for large files and familiar interfaces eliminate duplication of effort, learning curves and interruption in workflow.
- **Reduced information risk** – Secure content delivery, access controls, archiving and auditing ensure faster compliance, better data protection, effective disaster recovery and timely electronic discovery.
- **Optimized infrastructure** – Maximized storage, network and mail server bandwidth enable you to redeploy resources to support mission-critical business applications and IT services.
- **Accelerated compliance** – Real-time visibility into a comprehensive audit trail lets you track where your information is going and who has access to it.

How DCS Works

DCS automates global file exchange and makes it easier to manage without sacrificing data security. You can synchronize content across servers and geographies to ensure everyone has access to the most up-to-date information. DCS minimizes the amount of duplicate data and out-of-date files on your servers.

Imagine sharing project folders across time zones. Users can access the folders directly on their Thru site without having to manually exchange emails or get involved any other type of transfer process. The SCN reaches global business centers located in Asia, Australia, North America and Europe, giving DCS users the ability to share files globally over standard secure HTTP at speeds up to 50 times faster than their current transfer speeds. See figure below:
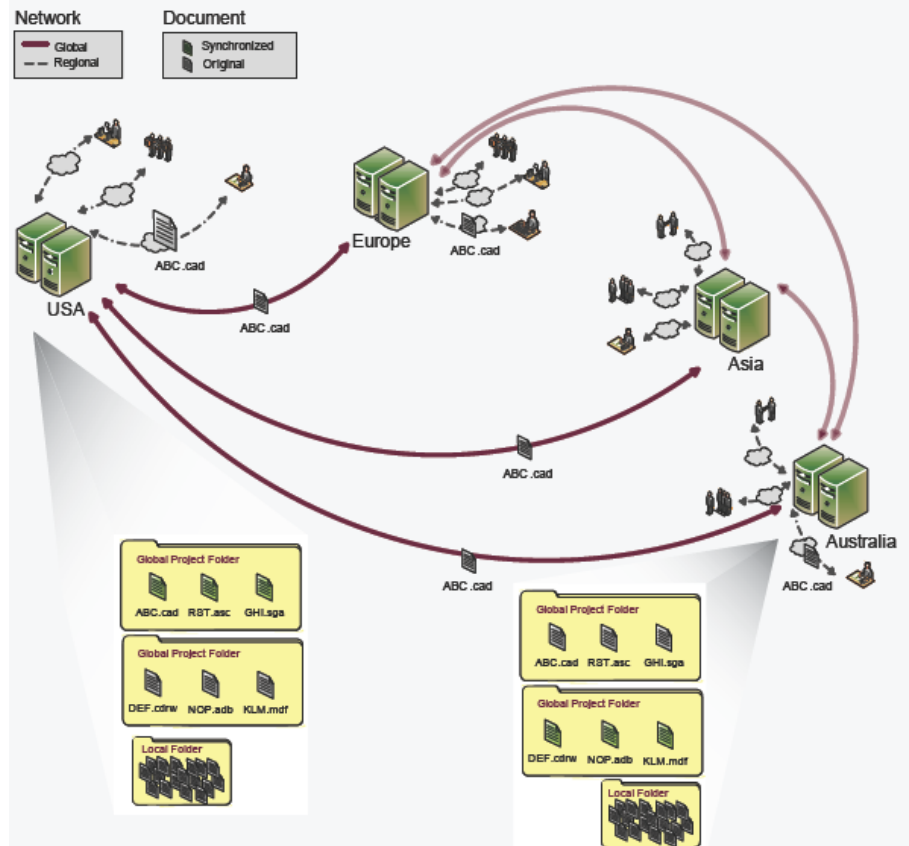
Distributed Content Synchronization (DCS)

A Global File Exchange Solution That Increases Productivity And Optimizes Your IT Infrastructure

Thru's Global File Exchange solution improves your bottom line by giving business professionals an easy-to-use tool to share large files and sensitive data efficiently around the world.

- Stream large files securely across wide area networks to bring information closer to where it's needed quickly.

- Enable effective business continuity and information security by granting role-based access to a content repository and receiving data securely from external sources.

- Track receipt of secure messages and files and analyze file-sharing among internal and external users.

For more information, please contact Thru at:

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