

Intelligent File Replication

BENEFITS

- Enhanced Multi-Site Engineering Collaboration
- Minimum Load On Bandwidth
- Increased Productivity
- Up-To-Date Files
- Secure Sensitive Corporate Information
- Prevent Duplicate Files And Work
- Provides A Complete Overview Of Project specific Files
- Unlocks Engineering Collaboration Synergies
- Increased Engineering Productivity

KEY FEATURES

- Fully Automatic Replication of changed files only across multiple sites
- Global File Replication
- Local Vaults
- Real Time Replication

Intelligent File Replication is a file sharing solution which synchronizes CAD files and other files among locally distributed vaults while ensuring a minimum load on bandwidth.

It enables multi-site manufacturers to leverage engineering resources, scattered across different locations, in the same projects by enabling the different locations to work with synchronized files.

Background

Many multi-site manufacturing companies struggle with keeping CAD specifications and other files synchronized across different locations.

Traditional file replication is cumbersome and puts significant pressure on bandwidth which makes it unsuitable for use at remote sites with limited or unstable internet connections.

This poses a credible challenge to many manufacturers who have moved parts of their operations to offshore locations.

Without the ability to collaborate with the rest of the company, many of the benefits and savings associated with the offshore activities will fade.

Only Changed Files Are Replicated

Intelligent File Replication enables multi-site manufacturers to automatically replicate files across multiple, even globally dispersed, sites.

Rather than replicating all files across all locations like conventional file replication systems, Intelligent File Replication only replicates files which have been changed across only the locations which have proper authorization to access the particular files.

This set up enforces a high level of security, since files containing confidential information are prevented from ending up in locations which have not been authorized to access them.

Another benefit is the minimum strain it puts on bandwidth. This makes real time file replication possible without noticeably affecting network performance. This also facilitates the inclusion of offshore sites with limited connection speeds.

Unleash Your Design Resources Through Enhanced Collaboration

With Intelligent File Replication, you gain the technological infrastructure needed to enable real time collaborative product design across multiple locations in a secure setting.

Consequently, you will be able to increase productivity by leveraging the entire design resources of your organization, and new synergies from collaboration will emerge. All the while, you will automatically maintain full confidentiality of sensitive files.

In addition, users will always work with local files, preventing delays in the check-out and check-in of files. This ensures that design productivity is not hampered by connection speeds.