GoodSync

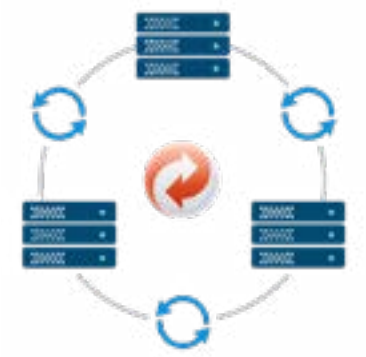
Synchronization Demystified

Uninterrupted service and high availability are two key elements of any modern business process. Business continuity planning includes various data redundancy models through different mission critical data synchronization processes.

About 70% of businesses have experienced mission critical data loss or denial of service due to accidental deletion, disk or system failure, viruses, fire, ransomware, and other malicious activities.

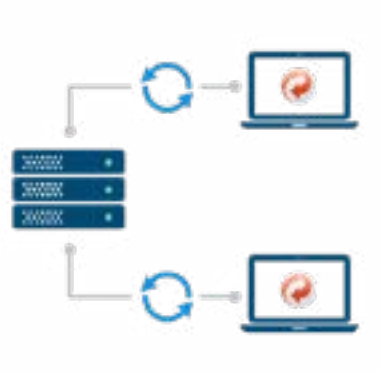
Ensuring uninterrupted service and high availability through data synchronization can include these three use cases below:

Data synchronization between critical operation centers



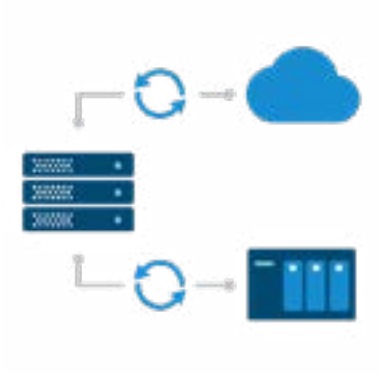
Effective data synchronization between file, web, or database servers will ensure high availability and uninterrupted service. An effective mission critical data synchronization process is the essential prerequisite of every load balancing strategy.

Synchronization between remote workstations and centralized location



Distributed workforce and BYOD policies are demanding an effective way for users to access, edit, and save changes to project files located on designated data servers. An effective data synchronization plan must be in place, replacing unsecure shadow IT solutions.

Synchronization between centralized server and mission critical data repository



Mission critical data is often very time sensitive and real time synchronization to a local or remote repository or access point is an essential part of any Data Loss Prevention (DLP) strategy. Popular mission critical data repositories include cloud storage accounts and NAS devices.

When creating a project or environment specific data synchronization strategy, certain factors such as data size, time sensitivity, as well as available network resources must be taken into consideration.

GoodSync is a universal data synchronization platform. GoodSync allows businesses to customize their own data synchronization strategy for each given environment by combining the world's most advanced data synchronization options with multiple data destination support with an easy to use interface.

Popular Synchronization Destinations vs Data Loss Risk Factors

GoodSync is a universal backup platform that gives businesses the flexibility to implement a variety of backup solutions in one software package. GoodSync allows businesses to completely customize a backup strategy for each given environment by combining the world's most advanced data backup options with the variety of backup destinations in an easy to use interface.

	On Premise Backup	Remote Synchronization	Cloud Synchronization
Accidental Deletion	✓	✓	✓
Data Corruption	✓	✓	✓
Disk/System Failure	✓	✓	✓
Fire		✓	✓
Ransomware		✓	✓
Viruses / Malware		✓	✓
Power Outage		✓	✓
Theft			✓

GoodSync can execute multiple synchronization jobs simultaneously. Each job can have its own set of synchronization points and automation options based on the time sensitivity of the data, its size and frequency of changes.

Backup Automation vs Data Characteristics

Destination	Real-Time Synchronization	Periodic Synchronization	Scheduled Synchronization
On Premise	✓		
Remote		✓	✓
Cloud			✓

Data Time Sensitivity	Real-Time Synchronization	Periodic Synchronization	Scheduled Synchronization
High Availability	✓		
Medium		✓	
Low			✓

A successful mission critical data synchronization strategy is carefully tailored by combining most relevant synchronization points with optimal automation options to provide uninterrupted service and high availability.

Please feel free to consult our most used synchronization scenarios to obtain insight into specific GoodSync synchronization setups. Our experts are ready to assist you in designing, evaluating, and setting up a customized synchronization strategy for your business.

Other GoodSync synchronization advanced features include: version control, bandwidth throttling, notifications, conflict resolution, ACL permission detection and propagation, as well as file locking.