ARCHIWARE

SYNCHRONIZE - THE BETTER BACKUP.

Clone data for immediate availability with Archiware P5 Synchronize.

Archiware P5 Synchronize lets you replicate data to ensure high availability.

Servers, RAIDs or SANs are cloned and immediately accessible as failover. With P5's browser interface, synchronization is set up within minutes. Its also includes (X)San and FSEvents support for optimized workflows.

Maximum Data Availability – Without Restore

In a modern production environment, data availability is key. Serious enterprises need a serious data mover that connects a wide range of storage destinations in house or at remote locations – with ease, speed and reliability. Cloning data or a complete file system creates a failover solution for time critical setups.

Whether local disks, LAN storage or remote storage, P5 Synchronize is hardware and OS agnostic and offers a simple, flexible all-in-one approach. Simply think of P5 Synchronize as the Swiss army knife of data management.

Archiware P5 Synchronize is configured and monitored via the browser. It offers straightforward functionality even for most advanced demands, making command line triggered sync procedures a thing of the past. P5 Synchronize automatically detects modified files and clones them to a target destination.

Data Migration enables moving files, even between heterogeneous systems, within the shortest possible time frame. After the sync, files can be deleted automatically from the source.

Continuous Data Protection reduces the risk of data loss. For maximum availability, clones files are immediately available. No restore is required. In case of emergency, production can continue immediately using the cloned data.

- **Immediate Access**
- **Instant Failover**
- **Versions & Snapshots**
- **FSEvents**
- **XSAN, METASAN, SAN**

SOFTWARE HIGHLIGHTS

- Mirror between different locations
- Availability for time critical data
- No restore necessary
- Share between workgroups
- SAN cloning
- Client-to-Client sync
- File Systems Events support
- Disk2Disk2Tape option

TECHNICAL FEATURES

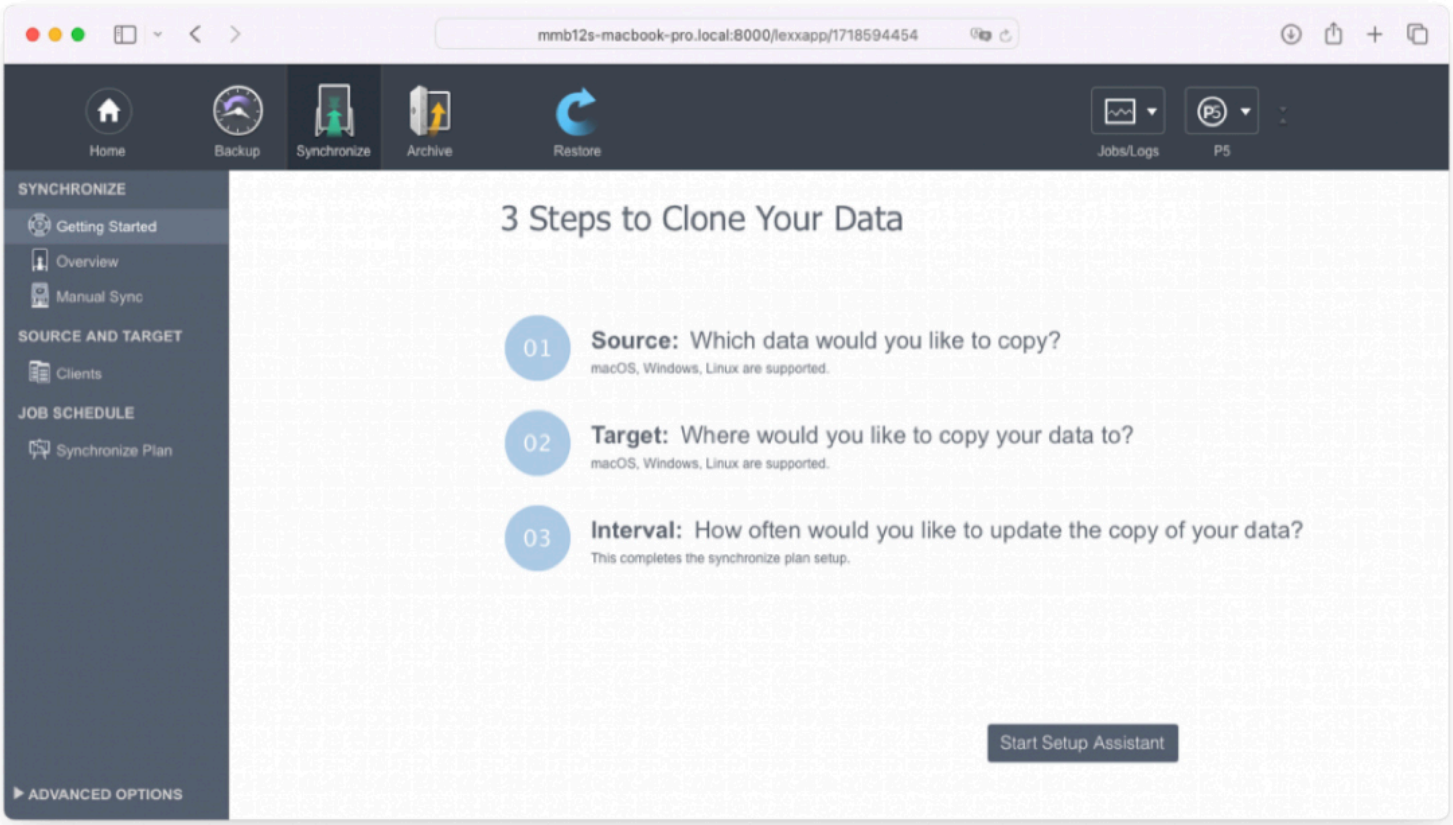
- Data Migration
- Data Duplication
- File versions
- Cycles
- Snapshots
- Interruptible
- File Filter/Policies
- Access to File System
- Data interchange between platforms

OS SERVER & CLIENT

- macOS
- Windows
- Linux
- FreeBSD
- Synology
- QNAP
- NETGEAR
- GB Labs

FILE SERVER

- ExtremeZ-IP
- Helios
- Xinet
- Netatalk



Maximum Efficiency

P5 Synchronize can keep file versions and multiple snapshots, with previous versions available in addition to the most recent data clone. Snapshots of the whole file system can keep even more data available. In update mode, copies of only new and modified files are made. Required disk space and network traffic is reduced. By using hard links, storage space is used most efficiently. P5's filters can be used to include or exclude files from synchronization; you can synchronize only selected file names, sizes, ages etc.

Simple Distribution of Data

P5 Synchronize allows internal and external data transfers, therefore providing new means of communication and workflow organization. P5 Synchronize distributes data to different locations automatically, easily setting a clone of your data for distribution to partners, branches or agencies.

File System Snapshots

Since version 5.3, the Synchronize Module supports modern file systems such as ZFS or BtrFS, which create a snapshot of the status quo of data. These functionalities use very few resources. Snapshots can be created instantly and the required storage space matches the amount of data that has changed. This enables the user to keep and provide multiple cycles of synchronized data.

Client-to-Client Sync

As of version 5.5, data can easily be replicated between clients using the Client-to-Client sync feature. By configuring a synchronize plan on a P5 server, data transfer is accelerated between two P5 client machines. This provides flexibility and eliminates the need for server involvement during data transfer. The main server load is alleviated and intermediate storage is no longer required.

OPERATING SYSTEM REQUIREMENTS

macOS X	Intel x86 (64-bit): OSX 10.9 – 14.x Apple M1: OSX 11.x – 14.x
Windows	Server 2012R2, 2016, 2019, 2022 Windows 8.1, 10, 11
Linux	Intel/AMD x86 64-Bit systems with glibc version 2.15 are supported, including: OpenSuSE 12.2+/ SLES 12+, CentOS 7+/RHEL 7+/Fedora 19+, Ubuntu 12+, Debian 8+
FreeBSD	Version 13, 14 (Intel/AMD x86 64-Bit CPU)
Synology	DSM operating system 5.2+ - 7.0+ (Intel/AMD x86 64-Bit)
QNAP	QTS Operation System 4.3.0+, QTS hero, QTScloud (Intel x86 64-Bit)
NETGEAR	ReadyNAS OS 6.6.0+ (Intel/AMD x86 64-bit)
Virtualization	x86 – VMware, Parallels, Linux-Xen, Hyper-V

HARDWARE REQUIREMENTS

Memory	2 GB+
Hard Drive	1 GB for installation + variable (for backup/archive indexes)

BROWSER REQUIREMENTS

Safari	12+
Firefox	70+
Chrome	80+