



## Safeguarding Data on Faculty and Staff Desktops and Laptops

Faculty and staff in virtually all university departments rely on their desktops and laptops, which house everything from curriculum data and ongoing research to admissions and financial data. Unfortunately, when these distributed or mobile computers are used rather than logging in to accounts on campus servers, valuable data is not protected by standard server backup and recovery services. Desktops and laptops represent a critical, often under-managed, extension of the IT infrastructure that should be protected with the same level of care as user accounts on servers.

### Continuous, Transparent, Data Protection

Atempo Live Backup continuously and automatically protects faculty, staff and student data on laptops and desktops, recording file changes as they occur and relaying them across the network to a centralized backup server. The backup data is deduplicated at the block-level to save storage space and to reduce bandwidth usage, cutting costs and ensuring there's no performance impact on the users or on the network. Continuous data protection ensures the latest versions of files, not ones from the previous day, are available for restore.

### Easy-to-Use, Self-Service Restore

Traditional backup solutions for laptops and desktops often rely on end users to manually backup their machines by moving files to a backup folder, and then rely on IT staff to recover lost files. The result? Wasted time and frustration for both parties. Atempo Live Backup continuously and automatically backs up any updated file as soon as the changes are saved—easily and without any IT assistance. With Atempo Live Backup, the setup and monitoring is managed centrally by IT, but faculty and staff can recover files without IT assistance through an easy-to-use user interface.

### Protects Laptop Data, Even Off Campus

With the increased availability of Wi-Fi networks, faculty, staff and students use their laptops anywhere they go, on campus and off—in cafes, on trains, at home and on sabbatical. However, the more laptops are transported, the more they're vulnerable to loss, theft, and hardware damage from drops and even spilled coffee. Atempo Live Backup saves file changes locally as they occur, then transmits them to a central backup server if the machine is online or as soon as it is re-connected to the network if offline. With Atempo Live Backup, being offline doesn't mean being unprotected.

### Equal Support for Both Mac and PCs

Most campuses support both PC and Mac desktop and laptops—often PCs for the staff and Macs for the faculty—challenging IT to maintain two different infrastructures for all management activities, including data protection. Atempo Live Backup can support both PCs and Macs on shared Windows-based backup infrastructure, reducing hardware, maintenance and training costs, and ensuring data on both platforms is equally protected.

## Key Features and Benefits

Atempo Live Backup is a transparent solution dedicated to the protection of your desktops and laptops. Built on a Client-Server architecture, it continuously protects your users' data, regardless of connection to the campus network. Atempo Live Backup features a user-friendly client wizard for end users to recover any files without assistance from IT staff.

### Transparent Protection

Atempo Live Backup automatically backs up data with no disruption of users' work patterns or network performance. It runs transparently on desktops and laptops, capturing changes in real time, and sending them to the Atempo Live Backup Server. Data is continuously backed up even when machines are disconnected and roaming, saving all changed data to its cache until it is connected to the network again.

### Efficient Storage

Users often store the same version of a file multiple times. When you offer protection to a large number of users, this data duplication is frequent and can make storage volumes explode. The Atempo Live Backup data deduplication feature saves storage space by only transferring and storing redundant blocks once, which reduces bandwidth usage and significantly saves costs.

### Self-Serve File Recovery

A user-friendly interface makes file recovery easy for users—minimizing the need for IT assistance, improving productivity, and lowering TCO. Users can easily restore recoverable files, including those that are deleted, and “empty trash” with the assistance of the Atempo Live Backup Recovery Assistant client wizard. Integration with the local user file system will also enable users to recover previous versions of a file through the Windows Explorer or Finder functionality.

### Central Administration and Management

Administrators can enforce consistent backup policies across the WAN and control features available to both Mac and PC users. Atempo Live Backup makes it easy for administrators to deploy, manage, and enforce consistent backup policies across all enterprise clients. Whether you start with a small department, a remote campus, or a institution-wide rollout, Atempo Live Backup lets you easily transfer client accounts and protected data across Atempo Live Backup servers, making this a flexible solution that easily scales with your institution.

### Minimum System Requirements:

#### Atempo Live Backup Client:

- Intel®-Compatible PC with a Pentium® Pro processor, AMD Athlon™, or AMD Duron™ processor (Pentium® II or higher)
- Macintosh® with a PowerPC or Intel® processor
- 1 GB RAM
- 100 MB of free disk space (500 MB recommended)
- Microsoft® Windows® XP Professional or Home Edition, Windows Vista®, Windows 7, Windows Server® 2003 SP2, or Windows Server® 2008
- Mac OS® X version 10.6.x (Snow Leopard) or 10.5.x (Leopard) or 10.4.11 (Tiger)
- Network connection (modem, WAN and wireless are supported)

#### Atempo Live Backup Server:

- 1-GHz (x86) or 1.4-GHz (x64) processor (2-GHz or faster processor recommended)
- 512 MB RAM (2 GB recommended)
- 5 GB free disk space plus space for client backup files

- SCSI/RAID subsystem (recommended)
- Network card (100 Mbps or better)
- Dynamic volumes or RAID (recommended)
- Windows Server® 2003 Standard or Enterprise Edition SP2 or Windows Server 2008® R2 Standard or Enterprise Edition (32- or 64-bit)
- IIS 6.0 for Windows Server® 2003 or IIS 7.0 for Windows Server® 2008 R2 (32-bit support only)
- Microsoft® SQL Server® 2000 Standard or Enterprise Edition SP3a or Microsoft® SQL Server® 2005 Standard, Enterprise, or Workgroup Edition, 32- and 64-bit.

Please refer to the Atempo Compatibility Guide for the current list of supported systems.



### About Atempo

Atempo enables organizations to protect, manage, archive, and recover digital information simply and effectively, across any infrastructure, on any platform, over any period of time. Atempo provides a comprehensive portfolio of integrated software solutions, including backup and recovery of servers, continuous data protection of workstations and laptops, and long-term archiving of files and email messages. Atempo simplifies the management of data throughout its entire lifecycle by providing unprecedented visibility and control over data growth, infrastructure cost, and risk mitigation. Atempo serves thousands of customers around the world through a sales and support network of over 200 resellers and partners.

Learn more at [www.atempo.com](http://www.atempo.com)