



**ATTIX**<sup>5</sup>  
**BACKUP** PROFESSIONAL

OVERVIEW v4.2

# ATTIX<sup>5</sup> BACKUP PROFESSIONAL

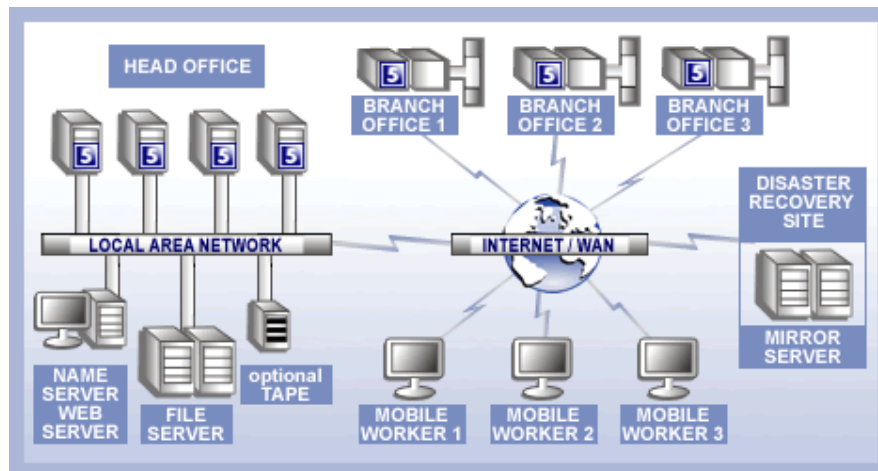
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## THE SECURE, AUTOMATED AND SCALABLE SOLUTION

Backup Professional is a secure, automated disk-to-disk data backup and recovery solution, which is uniquely designed for network efficiency, centralised management, policy-based control and simplicity of use. This solution is targeted at computer users and systems that operate both inside and outside the confines of corporate IT networks. It provides an effective and efficient platform for a totally automated and secure backup and recovery of critical information stored on various platforms (servers, database, desktop or laptop devices) and therefore leaves the often under resourced corporate IT departments to focus more time on supporting and developing other mission critical systems. It eliminates the risk of human error in the backup process, a factor which is generally underestimated, but which has historically been responsible for the majority of data loss.

**Backup Professional minimises risk, maximises productivity and allows businesses to regain control of their most valuable asset – their data!**

## THE ATTIX5 BACKUP PROFESSIONAL COMPONENTS



- **Storage Platform**
  - NameServer – User authentication and Group Management
  - FileServer – File storage system
  - MirrorServer – Off site file storage system for DR purposes
  - WebServer – Optional component to support secure browser access for remote users
- **Storage Platform Console**
  - Management – Controls servers, licenses and manages user groups and users
  - Deployment Module – Pre-deployment customisation tool
- **Client Software**
  - Server Edition, Desktop and Laptop Edition Backup Client and Database Plug-ins – End user applications

Communications between the abovementioned components use the SSL protocol standard to ensure secure data transmission and data is stored on the Storage Platform using 448-bit encryption.

Globally recognised techniques are used to ensure data integrity and security of all data protected by Backup Professional.

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## USABILITY

- Intelligent file selection and exclusion filters facilitate rapid, transparent backups, even over low-speed and dial-up connections.
- Data can be recovered from any previously backed up state allowing file and system state rollbacks.
- Advanced scheduling allows multiple backups per day.
- Remote WebAccess for anywhere, anytime recovery.
- Flexible architecture provides multiple deployment options. File storage can be local, remote or both.
- Multiplatform support - Backup Professional Client software for Windows 9x, ME, NT4, 2000, XP, 2003, Max OS X, Novell NetWare, Linux, Solaris and a wide range of UNIX platforms as long as the JRE 1.4+ is installed. Agents available for MS Exchange, MS SQL Server, Lotus Domino, Sybase, Oracle and GroupWise.

## EFFICIENCY

- Byte-level patch incremental backups, (called Binary Patching), minimise data transfer by identifying only the changed bytes in modified files. An alternative method, Delta Blocking, is also available in Server Edition. This process is significantly faster than Binary Patching but the patches are considerably bigger.
- All data is compressed in transit and storage, further minimising transfer times, network loads and storage requirements.
- Disconnections are resumed from the last byte sent – no need to resend partially transferred files.
- Multiple-thread backups in Server Edition improve the total backup speed significantly.
- Adjustable thread priority for minimal performance impact and hard drive access.

## CENTRAL ADMINISTRATION

Total cost of ownership is largely influenced by the administration and management overheads. The Attix5 Storage Platform Console allows a single resource to configure, deploy, monitor and administer a large, geographically dispersed installation. Remote deployment and configuration, coupled with centralised monitoring and troubleshooting, removes the necessity for on-site support. This includes remote desktop and mobile laptop users.

- Administrator can customise and lock down user settings before deployment.
- Network detection initiates policy-based transparent backups, ensuring full user compliance.
- Single Storage Platform Console allows management of multiple Backup Professional servers.
- Backup Clients can automatically be upgraded to the latest software versions, during the backup process, without re-installing software.
- Dynamic Profiling enables the backup administrator to propagate certain client side settings from the Storage Platform to the Backup Clients. These settings take priority over any settings specified in the Backup Client.
- The Backup Clients can be configured to connect to the Storage Platform during each backup to update its backup time, even if there were no changes made to the backup set to differentiate between failed backups and backups where no data has changed.
- Automated reports include the Licence, Overview, FileServer Disk Space, Group and Storage Platform Expiry and Mirror Reports. These reports are emailed to the administrator.
- Server Edition Remote Management enables backup administrators to remotely initiate backups, restore files, change the backup schedule or the file selection, and view log files.