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Backup Exec for NetWare - Enterprise Edition
Comprehensive data protection for your entire enterprise

NAME: **Backup Exec for NetWare - Enterprise Edition v5.0**

DESCRIPTION:

From single servers to multi-platform wide-area networks, Enterprise Edition provides tools to protect your network data, without hidden costs as your network grows. With support for virtually every type of server and workstation that can connect to NetWare plus enhanced management capabilities, Enterprise Edition is your best choice for complete network backup.

SYSTEM REQUIREMENTS:

NetWare: Novell NetWare 3.11 and above or NetWare 4.01 and above
                  11 MB Disk space (client and agent)
                  2 MB RAM over server requirements

DOS: MS DOS 3.31, 5.0, 6.x and DR DOS 6.0 or 7.0
                                  512 KB RAM, 1.5 MB Disk space (client)
                                  35 KB RAM·, .20 Disk space (agent)

Windows: Microsoft Windows 3.1 or
                                  Windows for Workgroups 3.11
                                  500 KB RAM, 2.0 MB Disk space (client)
                                  35 KB RAM·, .20 MB Disk space (agent)

OS/2:   OS/2 1.3, 2.0 and 2.1
                                  LAN Manager 2.x, LAN Server 2.x
                                  500 KB RAM, 2.5 MB Disk space (client)
                                  300 KB RAM, .25 MB Disk space (agent)

Macintosh: System 7.x
                                  400 KB RAM, .15 MB Disk space (agent)

UNIX: SCO UNIX 3.2, Interactive 3.2, SUN OS 4.1x,
                                  UnixWare 1.x
                                  350 KB RAM, .15 MB Disk space (agent)

Windows NT: Microsoft Windows NT 3.1,
                                  Windows NT Server 3.1
                                  500 KB RAM, 4.0 MB Disk space (agent)

·Can be loaded into high memory or unloaded

Agent software is required to back up data on the workstation
Client application provides user interface to monitor and
administer the backup system from a workstation

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Backup Exec for NetWare - Enterprise Edition

Features and Benefits

- Novell Certified Protection
- Reliable Server-Based Operation
- Easy Workstation or Server-Based Administration
- Protects Workstations and non-NetWare Servers
- Agent Accelerator for High-Performance Remote Server Backup
- "Virtual Tape System" Design
- Automated Tape Management
- Pager and E-Mail Notification
- Software Data Compression
- Includes Autoloader Support

Additional Features and Benefits

NOVELL CERTIFIED PROTECTION

With full support for Novell's Storage Management Services, Enterprise Edition provides Novell Tested and Approved complete protection for all data and name spaces on NetWare servers, including support for individual objects and containers in NetWare Directory Services (NDS).

RELIABLE SERVER BASED OPERATION

For best performance, Enterprise Edition attaches the tape drive the same place the data resides -- on the NetWare server. Since the backup component (also called a tape server) is installed on the server, no dedicated workstation or computer hardware is required.

EASY WORKSTATION AND SERVER BASED ADMINISTRATION

Using our advanced client technology, all tape operations can be initiated from any DOS, Windows, or OS/2 workstation, or the NetWare server. For daily operation, the administrator can check and control the tape system from their own desktop, while disaster recovery operations can be performed directly from the server to minimize the effort needed to return the server to operation. And, the administrator can monitor and control any number of tape servers from their desk.

PROTECTS WORKSTATION DATA

With unlimited protection for all networked DOS, Windows, Unix, Macintosh, OS/2, and Windows NT workstations, Enterprise Edition is the ideal answer to protect your entire network from accidental or deliberate data loss. And, because of Enterprise Edition's advanced peer to peer technology, all workstations can be protected without the need for the workstation to be logged into the network.

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Backup Exec for NetWare - Enterprise Edition

HIGH PERFORMANCE REMOTE SERVER BACKUP

Our exclusive Agent Accelerator remote server backup technology utilizes abilities of the remote server to pre-process backup data, and maximizes the speed at which data can be transferred to the backup system.

"VIRTUAL TAPE SYSTEM" MAKES BACKUP A SHARED RESOURCE

Our "virtual tape system" allows network administrators and users to share the backup system. Administrators can see and restore all data on the backup system, while individual users can only seen and restore the files they place on tape. This allows users to backup and restore their own files, without requiring the network administrator's assistance and preserves network security.

PROTECTS NON-NETWARE SERVERS

For mixed environments, Enterprise Edition also protects LAN Server, LAN Manager, Lotus Notes, and Windows NT Server networked servers, including all access control lists and security information.

AUTOMATED TAPE MANAGEMENT

Backup Exec automates tape management by allowing you to define how you want to protect your network, and then automatically managing tape reuse, movement of tapes to and from off-site storage and notifying the administrator what tape to use for each backup.

PAGER AND E-MAIL NOTIFICATION

Using Novell's MHS software (included with NetWare), Backup Exec can automatically send the status and results of backup operations to pagers or E-Mail. For instance, the tape system can automatically notify the administrator if a scheduled backup fails to occur, or could automatically forward backup results to the main office from all the remote offices using Backup Exec.

COMPREHENSIVE HARDWARE AND DATA COMPRESSION SUPPORT

Enterprise Edition supports most controllers, including those from Adaptec, Bus Logic, Conner, DPT, UltraStor and others, and most tape drives and autoloaders from Aiwa, Archive, Conner, Exabyte, Hewlett-Packard, IBM, Iomega, Maynard, Sony, Tandberg, WangDAT, WangTek and others. Support for drives with hardware data compression is included, as is software data compression for drives without built-in compression.

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Backup Exec for NetWare - Enterprise Edition

INCLUDES AUTOLOADER SUPPORT

With support for autoloaders from ADIC, Conner, Exabyte, Hewlett-Packard and others, Enterprise Edition provides extended capacity with the ability to automatically restore data from any tape in the autoloader.

OTHER ADVANCED FEATURES

- Easy server-based installation
- Wildcard file selection
- Point/click file selection
- On-line context sensitive help
- Disk-based catalogs
- On-tape catalogs
- Save selections for re-use
- Job scheduling
- Microsoft Tape Format support
- File grooming
- Broadcast message notification
- LANalert management console support
- Novell Target Service Agent (TSA) support

THE AUTHORITY IN NETWARE BACKUP

With over 10 years experience in Novell NetWare backup, and millions of customers world-wide, Arcada combines the expertise of the authors of Maynard MaynStream, Archive QICstream, and Irwin Ez Tape with the authors of the Symantec Backup Utility, and the Microsoft Windows NT and MS-DOS 6.2 backup utilities.

With a tradition of NetWare firsts, including the first Novell certified data protection solution for both NetWare 3.x an 4.x, the first Novell certified protection for all NetWare 3.x data and namespaces, and development of the first Target Service Agent for Novell's Storage Management Services, Arcada continues to work with Novell in creating future generations of data protection for NetWare.

For FREE 30-day evaluation, Call 1-800-729-7894

To order Backup Exec for NetWare - Enterprise Edition from your

reseller or distributor, ask for Arcada BERNETWARE

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Advanced Autoloader Module for Backup Exec for NetWare - Enterprise Edition

NAME: **Advanced Autoloader Module for**
                                          Backup Exec for NetWare - Enterprise Edition

DESCRIPTION:

The Advanced Autoloader Module provides user-friendly advanced automation and control for autoloaders and multi-tape drive environments.

SYSTEM REQUIREMENTS:

Requires Backup Exec for NetWare - Enterprise Edition, Version 5 (purchased separately. Not included)

Drives and autoloaders supported:
Most DC6000, DLT, 4mm and 8mm tape drives and autoloaders manufactured by Aiwa, Archive, Compaq, Conner, DEC, Exabyte, HP, IBM, Iomega, Maynard, Sony, Tandberg, WangDAT, Wangtec and others.

Controllers supported:

Most Adaptec, BusLogic, Conner, Dell, DPT, Future Domain, IBM, UltraStor and other ASPI-compliant controllers. *

*Requires ASPI Manager

NOTE: Hardware support is continually updated. If your drive or controller is not listed, call Arcada Software at 1-800-
        3ARCADA to find out if support for your drive or controller is available.

FEATURES:

Easily configure autoloaders or multiple tape drives into tape partitions, with user-friendly names.
Rather than worry about numbered tape slots or drive numbers, Backup Exec allows network administrators to partition tape drives or tape slots into groups to fit their individual needs, and identify these "partitions" by any name they choose.

Administrator controlled access by user or group, with access as backup only, restore only, etc.
Using NetWare user names and groups, the network administrator can grant users or groups access to individual partitions, and can even specify what use can be made of the partition. For instance, one partition can be reserved for backups, and another for restore operations.

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Advanced Autoloader Module for Backup Exec for NetWare - Enterprise Edition

Access from DOS, Windows, OS/2 or NetWare console user interfaces.
Using the same familiar user-friendly interfaces in the Enterprise Edition, the Advanced Autoloader Module can be accessed from all workstation or server clients.

Compatible with tapes created with Backup Exec for NetWare.

All tapes created with other Backup Exec for NetWare products can be restored using the Advanced Autoloader Module.

Dynamic inventory of tapes in the autoloader.
Eliminates time consuming tape inventory" operations by automatically recognizing changed tapes, and "remembering" the last inserted tapes.

Easily added to an existing Enterprise Edition tape server.
Fully compatible with existing Enterprise Edition installations, the Advanced Autoloader Module adds more flexibility without the need for retraining or reconfiguration.

QUESTIONS AND ANSWERS

Q: **Is tape rotation supported?**
A: Yes, tape rotation can be done on individual partitions, and is user configurable.

Q: How does the Advanced Autoloader Module "know" what tapes are in the autoloader?
A: By keeping a database of all tapes inserted in the autoloaders, Advanced Autoloader can automatically select the needed tape without ever needing to inventory the tapes in the autoloader.

Q: After installing the Advanced Autoloader Module on one tape system, can I still access other Enterprise Edition tape systems, even if they don't have the Advanced Autoloader Module installed?
A: Yes, our DOS, Windows, OS/2 and server-based user interface can access any Enterprise Edition tape system on the network, even if they don't have the Advanced Autoloader Module installed on them.

Q: Can I restore tapes written to a tape drive or autoloader using the Backup Exec for NetWare - Enterprise Edition, or other Backup Exec for NetWare product?
A: Yes, tapes written by any Backup Exec for NetWare product can be restored by the Advanced Autoloader Module.

ARCADA SOFTWARE

Backup Exec for NetWare - Single Server Edition
Delivers high performance client/server data protection to small networks

NAME: **Backup Exec for NetWare - Single Server Edition**

DESCRIPTION:

Single Server Edition provides powerful but easy-to-use server-based network backup for small NetWare networks, including all networked DOS and Windows workstations and one NetWare server.

SYSTEM REQUIREMENTS:

NetWare:
Novell NetWare 3.1x or 4.x
2 MB over server requirements
11 MB Disk space (client and agent)

DOS:
MS DOS 3.31, 5.0, 6.x and DR DOS 6.0 or 7.0
512 KB RAM, 1.5 MB Disk space (client)
35 KB RAM*, .20 MB Disk space (agent)

Windows:
Microsoft Windows 3.1 or
Windows for Workgroups 3.11
500 KB RAM, 2.0 MB Disk space (client)
35 KB RAM*, 2.0 MB Disk space (agent)

*Can be loaded into high memory or unloaded

Agent software is required to backup data on the workstation
Client application provides user interface to monitor and
administer the backup system from a workstation

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Backup Exec for NetWare - Single Server Edition

FEATURES

- Novell Certified Protection
- Reliable Server-Based Operation
- Easy Workstation or Server-Based Administration
- Automated Tape Management
- Protects DOS and Windows Workstations
- Software Data Compression
- Intelligent Server-Based Installation
- "Virtual Tape System" Design

NOVELL CERTIFIED PROTECTION

With full support for Novell's Storage Management Services, Single Server Edition provides Novell Tested and Approved complete protection for all data and name spaces on NetWare servers, including support for individual objects and containers in NetWare Directory Services (NDS).

RELIABLE SERVER BASED OPERATION

For best performance, Single Server Edition attaches the tape drive the same place the data resides - on the NetWare server. Since the backup component (also called a tape server) is installed on the server, no dedicated workstation or computer hardware is required.

EASY WORKSTATION AND SERVER BASED ADMINISTRATION

Using our advanced client technology, all tape operations can be initiated from any DOS or Windows workstation, or the NetWare server. For daily operation, the administrator can check and control the tape system from their own desktop, while disaster recovery operations can be performed directly from the server to minimize the effort needed to return the server to operation. And, the administrator can monitor and control any number of tape servers from their desk.

PROTECTS DOS AND WINDOWS WORKSTATIONS

With protection for all networked DOS and Windows workstations, Single Server Edition is the ideal answer to protect your small network from accidental or deliberate data loss. And, because of Single Server Edition's advanced peer to peer technology, all workstations can be protected without the need for the workstation to be logged into the network.

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Backup Exec for NetWare - Single Server Edition

INTELLIGENT SERVER-BASED INSTALLATION

Single Server Edition installs directly on the server, unlike other products that require a workstation for installation. And, the software can automatically install all necessary NetWare components on the server, completely automating the installation process. Single Server Edition even warns you if incompatible NetWare components exist on the server, making installation fast, easy, and trouble-free.

"VIRTUAL TAPE SYSTEM" MAKES BACKUP A SHARED RESOURCE

Our "virtual tape system" allows network administrators and users to share the backup system. Administrators can see and restore all data on the backup system, while individual users can only see and restore the files they place on tape. This allows users to backup and restore their own files, without requiring the network administrator's assistance and preserves network security.

AUTOMATED TAPE MANAGEMENT

Backup Exec automates tape management by allowing you to define how you want to protect your network, and then automatically managing tape reuse, movement of tapes to and from off-site storage and notifying the administrator what tape to use for each backup.

PAGER AND E-MAIL NOTIFICATION

Using Novell's MHS software (included with NetWare), Backup Exec can automatically send the status and results of backup operations to pagers or E-Mail. For instance, the tape system can automatically notify the administrator if a scheduled backup fails to occur, or could automatically forward backup results to the main office from all the remote offices using Backup Exec.

COMPREHENSIVE HARDWARE AND DATA COMPRESSION SUPPORT

Single Server Edition supports most controllers, including those from Adaptec, Bus Logic, Conner, DPT, UltraStor and others, and most tape drives from Aiwa, Archive, Conner, Exabyte, Hewlett-Packard, IBM, Iomega, Maynard, Sony, Tandberg, WangDAT, WangTek and others. Support for drives with hardware data compression is included, as is software data compression for drives without built-in compression.

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Backup Exec for NetWare - Single Server Edition

OTHER ADVANCED FEATURES

- Easy server-based installation
- Wildcard file selection
- Point/click file selection
- On-line context sensitive help
- Disk-based catalogs
- On-tape catalogs
- Save selections for re-use
- Job scheduling
- Microsoft Tape Format support
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With a tradition of NetWare firsts, including the first Novell certified data protection solution for both NetWare 3.x and 4.x, the first Novell certified protection for all NetWare 3.x data and namespaces, and development of the first Target Service Agent for Novell's Storage Management Services, Arcada continues to work with Novell in creating future generations of data protection for NetWare.

For FREE 30-day evaluation, Call 1-800-729-7894

To order Backup Exec for NetWare - Single Server Edition from your
reseller or distributor, ask for Arcada BENWSE-RU000-501

Also available: low cost Single Server Edition for networks with
a 5, 10, 20, or 25 user NetWare license; ask for Arcada BERSSE

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Backup Exec for NetWare - Windows Workstation Edition

NAME: **Backup Exec for NetWare - Windows Workstation Edition**

DESCRIPTION:

Backup Exec for NetWare, Windows Workstation Edition delivers data protection for NetWare 2.x or 3.x servers from a Windows or DOS workstation at an inexpensive price.

With the ability to grow into our other server-based NetWare products, Windows Workstation Edition provides the tools needed even for the smaller network, including secure backup and restore, file grooming, unattended operation, and an award-winning, easy-to-use interface to minimize the effort required to learn and use.

Easily grows to protect your investment. As you add more servers, disk capacity, or additional workstations, Windows Workstation Edition offers an easy path to our high performance server-based backup products, and all of your Windows Workstation Edition tapes can be restored by all other Backup Exec for NetWare products.

Provides dynamic login/logout, server grooming, fast file restores, server crash recovery. These are features you *must have* for secure data protection. Otherwise, your backup solution can easily become a way for data to be stolen or damaged. Other products may advertise themselves as backup solutions, but if they do not have these features, they are really security threats to your NetWare data. Backup Exec for NetWare products are not only backup solutions, they also help guarantee the safety of your data.

Award-winning Windows and DOS interfaces. Both DOS and Windows software is included, and the tapes created are totally interchangeable. Our easy-to-use Windows interface makes backup a point and click operation, even for NetWare servers, while our powerful command line options and user-friendly menu make the DOS software flexible enough to meet any need.

DOS Software Requirements	Windows Software Requirements
PC-DOS or MS-DOS, version 2.1 or later	Intel 80286 processor or later
512 KB of available RAM	Windows 3.1 or later (Standard or Enhanced mode)
	2 MB RAM minimum
	Mouse

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recommended, but not required

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Backup Exec for NetWare - Windows Workstation Edition

FEATURES

BENEFITS

Award-winning DOS and Windows interface	Administrator can utilize tape system with a minimum of training
Novell certified support for NetWare 2.x and 3.x (including bindery and file/directory rights), NetWare Lite, and Windows for Workgroups	Compatible with the most popular NetWare operating system environments
Comprehensive operational logs and job histories	Provides information needed for troubleshooting and performance tuning the backup system
Can back up and restore all data from DOS and Apple Macintosh file systems on the server	Eliminates concerns about data not being protected
Server/volume/directory view	
	Allows easy selection of all data on the entire server, volume, or directory
All passwords are stored in an encrypted database	Eliminates concerns regarding stolen passwords
Complete command line operation (DOS version only)	Easily tailor Backup Exec to meet special needs or integrate with other applications
Compatible with Windows for Workgroups networks	Use to protect NetWare servers and Windows for Workgroups workstations
Backup and file grooming processes can be configured to occur at a particular time every day, week, or or day of the month	Backup and file grooming can be authorized to free network administrator for other tasks
Users do not need to be logged into the server for backup access	Protects the network by eliminating the need

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for unattended workstations to be logged in

Backup and restore can be performed while users

continue to work (open file backup)

Eliminates the need to stop work for backups to occur

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Backup Exec for NetWare - Windows Workstation Edition

FEATURES

BENEFITS

Users can password protect backup application

Prevents unauthorized access to the backup process

File selection by wildcard, creation date, NetWare

Backup, groom, and restore files or directories

last accessed date, or specific filename/directory

quickly

Find and select specific file revisions easily to restore a file as of a particular date or time

Allows recovery from lost or damaged files with a minimum of effort

User can search for files or tapes without manually reading tape

Search for needed files without the need to change tapes

Fast File Access

Uses best performance of tape system to restore files as quickly as possible

Can restore data from Conner Backup Exec for DOS or Windows, and Conner MaynStream products

Exchange or upgrade while maintaining the ability to restore your existing tapes

Extensive drive and controller support

Compatible with the hardware you already have

Translated into German and French own

Ready for use outside of the U.S.