

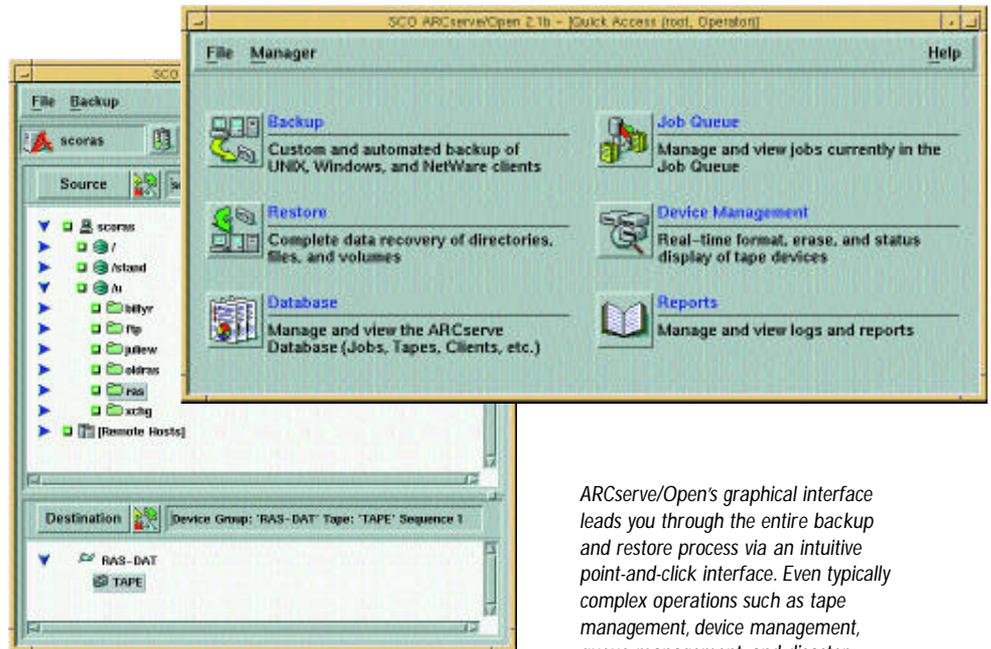
# SCO® ARCserve®/Open from Cheyenne®

## Features:

- Reliable Server Backup
- High Performance
- Server Disaster Recovery
- Multi-platform Client Support
- Graphical User Interface
- Automated Data Management
- Scheduled/Unattended Operations
- Intelligent Restore
- Supports Autochangers
- On-line Backup of Oracle Databases

## Benefits:

- Backup multiple clients and servers from one central location, lowering costs and administration time
- Motif front-end allows initiation of complex tasks with just a click of the mouse
- Auto Pilot provides for full automation of tape rotation scheme
- Eliminate interruption of mission critical activities by scheduling unsupervised backup jobs for off-peak low-activity hours
- Previously backed-up file names are stored in an online database, so they can be rapidly located without scanning a single tape
- Eliminate long downtime due to hardware failure with complete server disaster recovery, which will restore your entire OpenServer or UnixWare system, applications, and user configurations
- Supports leading autochangers allowing backup of large file systems without operator intervention
- Provides on-line backup of Oracle databases, allowing them to run on a continuous basis



*ARCserve/Open's graphical interface leads you through the entire backup and restore process via an intuitive point-and-click interface. Even typically complex operations such as tape management, device management, queue management, and disaster recovery become quick, simple procedures.*

## Multi-platform Network Backup and Restore

SCO® ARCserve®/Open is an easy-to-use, high performance, comprehensive data management tool for single systems and enterprise networks.

Developed by Cheyenne Software, the industry leader in backup and restore technology, SCO ARCserve/Open delivers a business critical data management system. SCO ARCserve/Open brings a unique combination of ease-of-use, automation, high performance, and reliability to the SCO platform. It provides the robust feature set that administrators require and the simplicity necessary for end-users to do their own backups.

Utilizing an intuitive Motif™ interface, SCO ARCserve/Open makes managing the backup of single systems, large servers and heterogeneous networks simple. Ease-of-use is enhanced by the Auto Pilot feature, which provides full automation of the data management process, including tape rotation.

High throughput is provided by an efficient backup engine which optimizes performance of each tape drive, giving every ounce of performance your device can deliver. Even greater throughput is achieved with the Parallel Streaming feature, which supports simultaneous backup to multiple tape devices.



## Intuitive Interface

You have little time to spend learning how to use each new software package that comes your way. SCO ARCserve/Open's motif-based graphical user interface will intuitively lead you through your backup and restore jobs.

## Automated Data Management

SCO ARCserve/Open is more than just a backup and restore solution; it also helps you manage your system more efficiently. Using its Auto Pilot feature, it intelligently rotates tapes and manages disk space based on your needs—derived from the parameters you set. The Tape Rotation feature ensures that you're always using the right tape at the right time. SCO ARCserve/Open will help you label tapes and locate the appropriate backup tape, yet if you accidentally choose the wrong tape, SCO ARCserve/Open will prevent the overwrite. Once configured, you can walk away from a large backup job confident that operations will continue to the next drive or the next tape.

## Top Performance

Today's backup software must be fast and accurate. The Parallel Streaming feature increases throughput by backing up to, and restoring from, several devices simultaneously. Furthermore, through automatic identification of SCSI tape drives and parameter configuration, tape drive performance is optimized while system administrator productivity is increased.

## Disaster Recovery

Minimize server downtime due to hard disk failure with full, automatic software and configuration restore with SCO ARCserve/Open disaster recovery. Using a special boot set, SCO ARCserve/Open will recover itself, then lead you through a few simple steps to completely and automatically rebuild your SCO OpenServer™ system, including rebuilding your original filesystem partitions and recover all data, applications and configurations from your backup tapes.

## Flexible Functionality

SCO ARCserve/Open was designed with the busy administrator in mind, hence it offers unsurpassed flexibility. You may run full or differential backup jobs, schedule them to run at any time, and then later reschedule or even delete the job. Backup jobs may be based on filters such as file name, directory, creation date, modification time and access date.

## Multi-platform Client Support

SCO ARCserve/Open supports network backup and restore of Windows<sup>®</sup> 95, Windows 3.1, Windows NT™, OS/2<sup>®</sup>, Macintosh<sup>®</sup>, NetWare<sup>®</sup> file servers, leading UNIX<sup>®</sup> client and server operating systems, as well as Bar Code and Small Network Management Protocol.

## Storage Options

SCO ARCserve/Open's Auto Changer Option, coupled with a supported autochanger, provides fully automated, high capacity data storage management. An autochanger holds multiple tapes and contains a mechanism for automatically loading and unloading them into a tape drive.

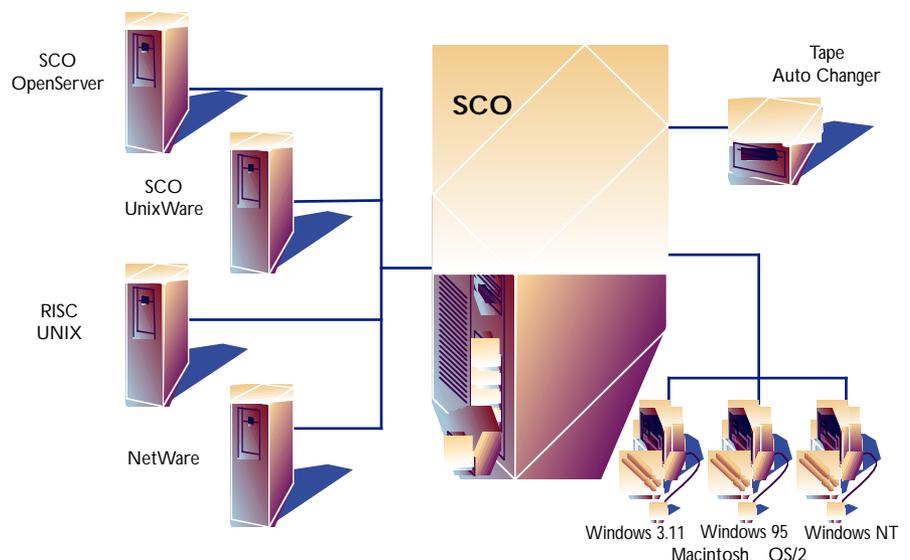
When combined with SCO ARCserve/Open's Auto Pilot features, administrators

can use the Auto Changer Option to create completely unattended backup and tape rotation schemes for large file systems and networks.

## Database Agent for Oracle

Traditional database backup is a time and resource consuming multi-step process that requires taking the database off-line. Critical business operations must stop. Data in raw partitions must be written to a UNIX file, wasting disk space and time. With the optional SCO ARCserve/Open Database Agent for Oracle, on-line backup of mission critical databases occurs completely in the background, allowing for continuous operation of your mission critical database applications.

When a backup is initiated by SCO ARCserve/Open, the Database Agent detects databases in the file systems or raw partitions selected for backup. The Database Agent ensures data integrity by utilizing Oracle's built-in on-line backup capabilities, allowing data backup and database transactions to occur simultaneously. Even tablespaces and transaction redo log files are backed up.



SCO ARCserve/Open allows your SCO servers to provide centralized backup for a wide range of clients and servers, including many flavors of Windows, UNIX, and NetWare systems.

Feature	Advantage
<b>Graphical User Interface</b>	This user-friendly front-end is built with OSF/Motif for a standard appearance. Experienced UNIX users will require minimal training, while novice users will also appreciate choosing the most commonly-used commands by merely clicking on an icon.
<b>Command Line Interface</b>	Perform backup and restore even when no graphics device is available.
<b>Custom (ADM) Installation</b>	Installation is simple, taking advantage of the new SCO OpenServer Release 5 software management technology, including installation from a remote server. In UnixWare Package Add provides installation.
<b>Intelligent Restore</b>	Browse through backed up server and client filesystems with just a few mouse clicks. Backup and restore targets can be selected at the system, filesystem, directory or individual file levels.
<b>Auto Drive Configuration</b>	SCO ARCserve/Open identifies SCSI tape drives in use, and sets configuration parameters, optimizing performance, increasing productivity, and decreasing the likelihood of errors.
<b>Device Management</b>	Multiple devices can be assigned to a single backup job. Define groups of devices based upon your particular requirements. Tape Maintenance Utilities include Format, Erase, Retention and a hardware compression switch.
<b>Auto Pilot Tape Management</b>	Provides full automation for data management utilizing tape rotation and disk grooming.
<b>Parallel Streaming</b>	Concurrent backup of client groups to multiple tape groups ensures speedy backup of even the largest networks.
<b>Scheduled/Unattended Operations</b>	By scheduling unsupervised backup jobs for off-peak low-activity hours, you can eliminate interruption of other business critical operations.
<b>Real-Time Statistics</b>	Check job status while backup/restore jobs are in progress—with up-to-the-second statistics.
<b>File Tracking System</b>	Previously backed-up files are recorded in an on-line database, so they can be rapidly located without scanning the physical tape.
<b>Tape Cascading</b>	When a tape reaches its capacity, backup will automatically continue to the next drive or tape in the device group—easing backup of large filesystems and groups of clients.
<b>UNIX Security Adherence</b>	Secures data using UNIX password and file access permission standards.
<b>Device Independence</b>	Because SCO ARCserve/Open supports a wide variety of SCSI tape drives from multiple vendors, you may select hardware to meet your individual needs.
<b>Cross-Platform Tape Interchangeability</b>	Tapes backed up with Cheyenne ARCserve on NetWare or NT can be restored with SCO ARCserve/Open and vice-versa—providing excellent data transportability.
<b>Server Disaster Recovery</b>	In the event of a hard disk crash, SCO ARCserve/Open will rebuild your SCO OpenServer Release 5 environment, automatically restoring your original disk partitions and data from tape. (not on UnixWare)
<b>Multi-platform Clients</b>	A wide range of client agents allow fast and easy centralized network backup to tape devices on your SCO OpenServer Release 5 or UnixWare System.
<b>Hot Database Backup</b>	With the optional database module, perform “hot” backups of your Oracle database without having to take the system off-line and impact your users. (not available on UnixWare)
<b>Auto Changer Module</b>	Take full advantage of tape changer technology, maximizing unattended backup configuration. Available as an add-on option.

## Supported Options

### Supported Network Clients

SCO Open Server Release 3.0  
 SCO OpenServer Release 5  
 SCO UnixWare® 1.1, 2.0, 2.1 (supports NDS)  
 Windows 3.1, Windows 95, Windows NT,  
 OS/2, Macintosh, NetWare 3.x and 4.x  
 Sun® Solaris® and SunOS™, HP-UX®, IBM® AIX™, IRIX

### Database Modules

Oracle 6.x, 7.x

### Auto Changer Module\*

Wide range of devices supported

## Hardware and System Requirements

### Host Operating System Requirements

SCO OpenServer Release 5  
 800x600 or greater Video for Motif GUI  
 16 MB Memory or greater  
 10 MB Storage

### Supported SCSI Tape Devices\*

Wide range of QIC, 4mm, 8mm, DLT, and  
 Auto Changer devices

\*See separate certified devices list.

© PRODUCTS AND SERVICES LIMITED  
 2000 Broadway  
 Santa Cruz, California 95061-1099  
 Sales and Info (950) 300-1100 (24 hrs. call)  
 (950) 457-2222 • FAX: (950) 457-4242  
 E-MAIL: info@SCO.COM or sales@SCO.COM  
 World Wide Web URL: http://www.sco.com

SCSI MEDIA STORAGE AND CONTROL LIMITED  
 One day Inn at Park Huber Lane  
 Walnut Valley Inn, Suite 400, Elgin, IL  
 (815) 712-5151  
 FAX: (815) 712-5151  
 E-MAIL: info@sco.com  
 World Wide Web URL: http://www.sco.com

CONTRACTOR SERVICES LIMITED  
 171 Old Iron Road  
 95045 CA, San Carlos  
 Region: 41577  
 415 574 1414  
 FAX: 415 574 7211  
 E-MAIL: info@sco.com  
 World Wide Web URL: http://www.sco.com

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