



BACKUP SMART WAY™

SD1000, SD2000 and SD3000
Integrated backup solution



Optimized performance and security
for the large enterprises and organisations

- Guaranteed protection of critical data
- Backup of client & server systems
- Simplification of administration tasks

Backup Smart Way™ SD1000, SD2000 and SD3000,
an optimal backup solution dedicated to:

- Large Enterprises
- Remote / Branch offices of Large Organisations

www.nec-computers.com

IT SERVICES AND SOFTWARE

MOBILE/BROADBAND NETWORKING

COMPUTERS

SEMICONDUCTORS

IMAGING AND DISPLAYS

Empowered by Innovation

NEC

To respond to requirements of large enterprises with backup needs superior to 600 GB, NEC Computers offers 3 models of the Backup Smart Way™ all-in-one backup solution. The SD1000, SD2000 and SD3000 models deliver more performances and ensure an unprecedented protection of critical business data.

Backup Smart Way™ SD1000, SD2000 and SD3000 models

Please consult our web site
nec.computers.com

Integrated backup solution

The data has become the cornerstone of conducting business in most industries. To manage and protect efficiently the data, to ensure a rapid, complete disaster recovery in case of failure, represent a real challenge for businesses. The SD1000, SD2000 and SD3000 models with increased disk capacity and backup and recovery performances represent a stretching of the Backup Smart Way™ range that provides the last innovations as regards the reliability, the simplicity, the usage and the management. The Backup Smart Way™ SD model stands out by its new generation performances associated with fault tolerance and a DRP (Disaster Recovery Plan) mode and provides an optimal price/performance ratio. This high level of disk capacity and redundancy makes of the SD1000, SD2000 and SD3000 models the ideal solution to ensure the critical data protection of large organisations.

FAULT TOLERANT :

- Current data is backed up to auto-configured and auto-managed SATA Hot Swap disks in Raid5.
- System consists of a group of 12 Serial ATA disks of 250, 500 or 750GB.
- Disk failure does not disrupt the Backup Smart Way™ activity.

DISASTER RECOVERY PLAN MODE :

This recovery process allows data and the operating system to be restored in one simple step after a major system crash. It is based on partitioning disk writers in a casing. The Backup Smart Way™ interface makes the distinction between the different types of back up and restoration process is therefore simple and very fast. The critical data is automatically outsourced with a tape 8-slot library integrated into the Backup Smart Way™.

SYSTEM PROTECTION: "DISASTER RECOVERY MODULE"

The recovery process offers the ability to save a disk/ system partition of a critical server or work post.

In the Unix, AIX and Linux environment system back up is continuous and automatic. System restore takes place by simply generating a bootable CD/DVD and is there fore automatic.

In the Windows environment, system backup is continuous in block mode or real time (or programmable). System restore is done simply by booting a recovery CD or remotely by PXE boot (Mode Project) or by directly mounting data onto the Backup Smart Way™ solution.

NEC Catalogue			
Backup Smart Way Model	SD 1000	SD 2000	SD 3000
Disk Capacity	3 To / 6 To*	6 To / 12 To*	9 To / 18 To*
Integrated tape drive (standard)	1,6 To / 3,2 To*	3,2 To / 6,4 To*	3,2 To / 6,4 To*
Additional Disk Library (1)	0,9 To	1,8 To	2,7 To
Maximum client volumes (2)	2,1 To	4,4 To	6,5 To
Data protection	Windows, Linux, Unix, Netware		
Application protection	Oracle, S QL Serveur		
Mail Server protection	Lotus Notes, Exchange		
OS protection	Windows, Linux, Unix		
CDP (real-time protection block mode)	File servers and Windows workstations Exchange or Lotus Notes Windows OS		
Block mode (Low bandwidth networks)	Servers, Windows workstations and laptops		

*Compression rate 2:1 (1) Volume given for a disk conservation duration of 15 days and a compression rate of 30% (2) Volume given for a disk conservation duration of 15 days and a compression rate of 50%.

Use of patented disk backup algorithms to optimize disk space.

Powered by Synerway



Key Customer Benefits

Simplicity

- An all-in-one Appliance with a Single Interface
- No Puzzle Effects
- Suppression of almost all Daily Administration Tasks
- Automated and Intuitive Backup Engine

Return on Investment & Productivity

- Reduced Administration Costs (backup control, media handlings, fast data recovery)
- Reduced Deployment Costs (one license per agent type for each site and unlimited installations)

Reliability

- Duplication of Vital Components
- Disks Hot swappable in Raid5
- Continuous Backup and Recovery (fault tolerant functions and a DRP mode)
- With 99.99% availability.

Performance

- Automatic Management of the number of Parallel Backups
- 300 GB/h for Backup, 120 GB/h for Recovery: Backup and Data Recovery on/from Disk
- Less than 1 hour to recover large Amounts of Data.