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TR-UNIVERTER | PC RECOVERY CARD

All industrial computers from Transduction include Univerter ™ PC recovery card. Univerter ™ is a PCI card that can be used in both standalone and networked computer systems. Univerter ™ provides security and protection of your hard drives and CMOS Setup from the threat of viruses and accidentally erased files. Each time the computer re-boots, Univerter ™ instantly recovers the corrupted or deleted files. Univerter ™ is fully compatible with Windows 95/98/ME/NT/2K/xp/2003 and includes sophisticated remote management tools. Univerter ™ PC recovery card can be purchased separately at US $45, from our stock.

Features

Instant Recovery of MICROSOFT Windows ™ is the main function of Univerter™.

Univerter™ solves the following problems:

* Virus infection

* Modification or deletion of software files

* Corruption of CMOS data

From now on you can be free from problems caused by viruses and corruption of your software.

Also included are sophisticated management tools. Univerter™ can help you with administration of your computers.

Smart PC-Plug Technology

Univerter ™ is the easiest add-on to be installed. No problems with compatibility and hardware conflicts. Unlike other recovery cards, Univerter ™ does not require re-partitioning of hard drive during installation. It also works with other software based multi-boot managers, i.e. BootMagic, System Commander and SPFDisk etc.

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Dynamic PC-Buffering Technology

Univerter™ has the latest enhanced "Dynamic Buffering" technology that allows the card to create hidden segments to hold the recovery data.

Unlike other recovery cards that require a fixed size partition to hold recovery data, our Univerter™ efficiently utilizes your hard disk space with a sophisticated data compression algorithm. The recovery buffer is only generated during data change, such that NO SPACE IS WASTED and there is NO LIMIT OF DATA CHANGE.

Other recovery cards using fixed size buffer may have problems of sudden systems hang-ups when the pre-defined buffer size is full.

Large-Disk Support and 32 bits kernel

The Large-Disk technology allows Univerter™ to work with drives as large as 1207GB. We support all on-board IDE ATA, SATA and SCSI interfaces. The fine-tuned 32-bits kernel supports MS Windows NT/2000/XP/2003 servers.

PC-Boot is selectable for various computers

In order to be compatible with various brand name computers, we offer 3 different boot modes. And this technology is always maintained to assure utmost compatibility.

To eliminate the security issues, we provide an option to control only the first hard drive that is used for booting up the system.

Intelligent CMOS Restoration

Univerter™ protects not only your hard disk data but also CMOS data as well. However, some BIOS-es may periodically update certain CMOS data segments that would generate unexpected recovery warning by Univerter™. This is why we provide Intelligent CMOS Restoration feature to let the card recognize the auto-update segments in CMOS and keep other CMOS data in safely protected state.

BIOS Protection

Most recovery cards can restore your CMOS data, but only Univerter™ can protect your BIOS from

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illegal change. When our Univerter™ detects any changes of BIOS, it will automatically recover to the original state.

Diverse Recovery Modes

Our Univerter™ PC recovery card was designed as a versatile product. It has different recovery modes. Administrators can set the card to automatic recovery of hard disk data every times the system boots up. Of course, administrators can also arrange a recovery schedule to let the card restore to the healthy status without any manual intervention. At the same time you can always recover your system in manual mode.

If you need to update your hard disk data, Univerter™ allows you to change to "Supervisor" mode with a password. "Supervisor/Open" mode offers unprotected status - administrators can make any changes to hard disk data without asking the card to backup the changed data.

Network Management and other tools

Best of all, with Univerter™, we provide free-of-charge network management tools. These tools allow administrators to enable and disable protection from a single or multiple management locations, remotely reboot, manage passwords, change Univerter™ settings and perform shutdowns without physically having to touch any of the computers.

To give you more value for your money, we also include the following tools to make your job more efficient:

* Remote Management - With these tools, administrators may remotely control Univerter™ to change protection mode and recovery timing.

* Hard disk Network Cloning - Duplicating your hard disk data from one computer to many other computers via local network.

* Automatic remote network cloning with Symantec Ghost - With other recovery cards installed in the computers, administrators cannot manipulate the remote cloning function of Symantec Ghost Enterprise. However, we supply a set of tools to let you use this function without uninstalling our Univerter™ card.

Multi-boot manager - For the people who would like to have multi-OS in a single computer, there is a boot manager available for Univerter™ users.

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Remote Management

Remote Change PC-Recovery Card Settings

EzManage is a nice tool for the administrators to manage computers with Univerter™ installed. With ezManage, you can change the Univerter ™ settings for many computers under Windows environment with simple mouse clicks.

With our ezManage you can:

1. View the status of each computer, including operating mode, the remaining hard disk space for buffering & the version of the card.

2. Change passwords of all Univerter ™ cards remotely within the same network.

3. Change the recovery mode & recovery interval parameters of all computers.

4. Change the protected partition and other settings.

Remote Control

You can easily control screens of the remote computers. With our Univerter ™ and ezManage program, the administrators can remotely control each system. You can control the remote computer mouse and keyboard as if you were setting in front of the remote computer.

Remote Commands

To execute the command line program, ezManage provides an efficient Remote Commands function. Administrators can issue an execution command to all computers inside same network to perform the desired tasks.

Power Management

With our ezManage program, administrators do not need to walk to each computer to switch them on or off one by one. Simply issue a power on/off or reboot command and ezManage will do it for you remotely.

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Monitor Remote Computer Screen

You can monitor the activity of any of your computers without being seen.

Broadcast Control Feature

Sometimes you may need to send your screen to remote computer for purpose of presentation. Screen Cast function allows administrator to do this task and let the remote computers to have real time presentation.

Modify Remote Computers' Name and Network Settings

EzManage allows the administrators not only to change the settings of Univerter ™, but also change Windows computer name and TCP/IP properties remotely. This is very useful when you clone hard drives data to the remote computers.

Lock/Unlock Remote Computers' Mouse and Keyboard

EzManage provides a convenience function to lock or unlock remote computers' mouse and keyboard.

File Distribution

EzManage administrators can simultaneously transfer files to remote computers with several mouse clicks.

Send Message

EzManage supports instant announcement service to allow administrators to broadcast and receive messages to and from the remote computers.

Remote Windows Update

This function is to facilitate the task of regular updating of MS Windows. Administrators may set all computers to "Open Mode" first and then use this function to transfer the Windows Update files to all computers and perform update process automatically.

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Specifications

Supported OS: DOS/WIN95/98/ME/NT/2000/XP/2003

Supported File System: FAT16 / FAT32 / NTFS / HPFS / Linux Ext2, Ext 3 & swap

Interface: 32 bit PCI slot

Recovery Timing: Recover hard disk data during bootup

Recovery Modes: Every "n" Boot / Manual / Scheduled / Superviosr

Supported Hard Disk Types: IDE / EIDE /ATA / SCSI / SATA

Required Hard Disk Space: Advanced Dynamic Buffer technology, no need to preserve hard disk space for holding recovery data. However, we recommand there should be at least 300MB hard disk free space available for proper operation.

Supported BIOS: Any known BIOS (3 BIOS supporting modes)

Restore CMOS: Patented Intelligent CMOS Restore

Supported Multi-boot Managers: Yes (including BootMagic / SPFDiks / Windows Multi-boot & etc.)

Largest Hard Disk Size: 250GB

Linux: Yes (but no protection)

Including Remote Network Control Tool: Yes

Including Hard Disk Partition and Multi-boot Manager: Yes

Including Network Hard Disk Cloning Tool: Yes

Including Automation Tool for Symantec Ghost Enterprise: Yes, it may work with Symantec Ghost Enterprise 7.5 or 8.0 version

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System Requirements

- 80386 or faster processor is recommended.

- 128MB RAM or higher (dependant on operating system requirement).

- At least 300MB free hard disk space.

- 256 color display.

- VGA or higher resolution monitor.

- 1 available PCI slot.

Univerter ™ is a registered trademark of Transduction.