



# Unitrends™

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Western Region Sales Manager

*Integrated and Elegant Backup Solutions*



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The background features a red top section with a white curved shape below it. A faint, stylized globe is visible in the background, with several grey curved lines and arrows suggesting motion or data flow. The Unitrends logo is prominently displayed in red.

# Unitrends™

## Data Protection Disaster Recovery Solutions

*Simplified Backup and Rapid Restoration Of  
Data, Operating Systems and Applications*

# Overview

- Unitrends offers data protection appliances that provide the lowest total cost of ownership (TCO) in the industry in terms of protecting and restoring critical data and systems.
- Our family of disk-to-disk (D2D) data protection appliances provides unmatched backup and rapid recovery of lost systems, applications, and unstructured, and structured data as well as disaster recovery protection.
- Our on-site DPUs for local backups, our disk-to-disk-to-disk (D2D2D) rotational archiving appliances, and DPVs for off-site data vaulting (replication) eliminate the need for multi-vendor software and hardware.
- Combined with our world-class customer support provides an integrated, simple, and elegant solution that is designed from the ground-up for small- and medium-sized enterprises.

# Back in Business – Rapid Recovery

An integrated “All-in-One” solution



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# Recovery-7 Series Product Family Overview

## ➤ Recovery-711

- 1U form factor, 3TB raw disk capacity, RAID-10
- 6-12TB effective capacity

**Recovery 711 (1u)**



## ➤ Recovery-721

- 2U form factor, 9TB raw disk capacity, staged RAID-1/RAID-6
- 18-36TB effective capacity

**Recovery 721 (2u)**



## ➤ Recovery-731

- 3U form factor, 15TB raw disk capacity, staged RAID-1/RAID-6
- 30-60TB effective capacity

**Recovery 731 (3u)**



- All Units have quad processors, 8GB of memory
- inline compression/encryption, and optional eSATA-based archiving

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# Unitrends – A Product for Every Budget

- **Premise Based Backup and Recovery Appliance(s)**
  - Full Disk-to Disk (D2D)
  - Designed for hands-off, lights-out operation
- **Includes Unitrends Data Protection Software**
  - Backup Professional Clients
  - File Level Backup / Recovery
  - BareMetal Backup / Recovery
  - Microsoft SQL Agent
  - Exchange Information Store Protection Agent (EIR)
    - BP Sync to support Vaulting
- **Accepts multiple data streams simultaneously**
  - Up to 8 concurrent backup /recovery jobs over 10/100 backbone
  - Up to 8 concurrent backup/recovery jobs over Gigabit backbone
- **“Unrestricted” Backup Retention**
  - Determined by backup strategies, file structure, data compression, change rate, usable DPU capacity, vaulting and other factors.
- **Off-Site Data Archiving Options**
  - Optional eSATA Single Disk Archiving via eSATA Archive Dock
  - Optional External Multi-Disk Archiving for Appliances R411 and up via 1U Recovery-Archive Unit

## Desktop Appliances

Recovery – 411 (1.5TB)    Recovery 171 (750GB)  
Recovery – 511 (3TB)    Recovery 211 (1TB)  
Recovery 311 (1.5TB)



## Rack Mount Appliances

Recovery – 611 (1.5TB)    Recovery 711 (3TB)



Recovery 621 (4.5TB)  
Recovery 721 (9TB)

Recovery 631 (7.5TB)  
Recovery 731 (15TB)



## Off-Site Data Archiving Options



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# Unitrends Disk2Disk Versus Tape

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- Rapid Recovery Appliance
- Support Contract (Maintenance)



## TAPE

- Back up server hardware
- Backup server OS
- Backup server Tape Drive
- Tape Sets
  - Daily sets, weekly sets, monthly sets, annual sets
  - Periodic replacement tapes
- Tape Backup Server Software
- Client Software/Agents
  - Windows/Linux/Netware/Unix, AIX, ...
  - Remote agents
  - Open file agents
  - SQL Agents
  - Exchange Agents
  - Virtual Machine Backup
- Tape Server software Maintenance
- Tape Client software Maintenance
- Tape Drive Maintenance
- Backup server hardware maintenance
- Bare Metal Solution
- D2D2T
  - Disk first then to tape

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# BareMetal Backup & Recovery

## ➤ Support for 20+ Operating Systems

## ➤ Easy four step recovery process

## ➤ "Hot" BareMetal Backup Support for:

- Windows Server 2000, 2003, 2008
- Windows XP, Vista, Windows 7
- UnixWare
- Standard and LVM Linux
- AIX (5.3 and above)
- Scheduled BM backups

## ➤ "Cold" BareMetal Backup Support for:

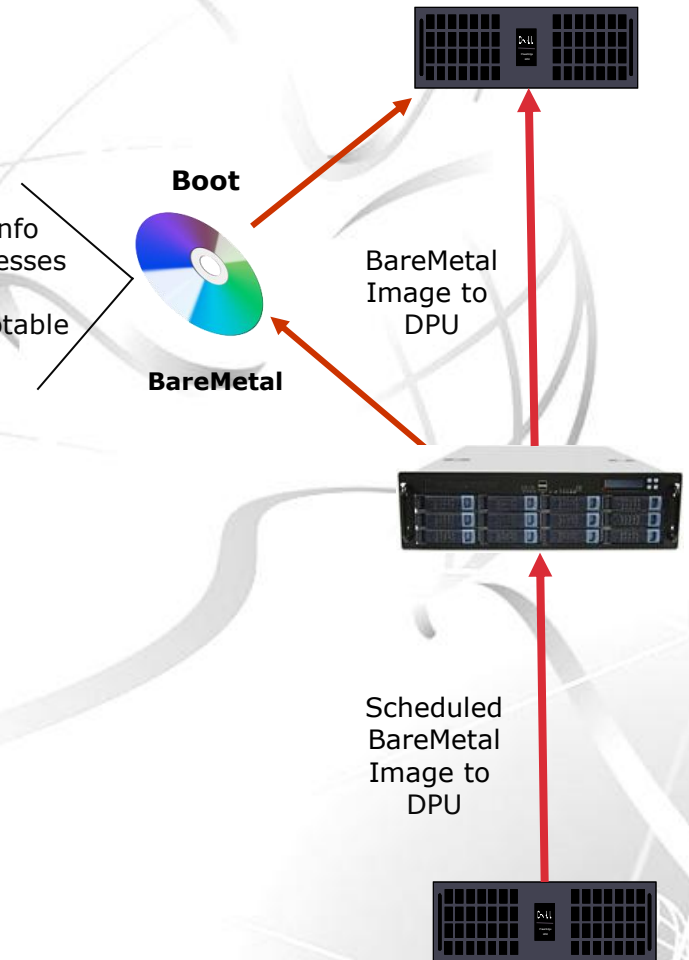
- Netware 6.x
- Windows NT
- Windows Dynamic Disk partitions

## ➤ Recovery using BareMetal Recovery CD

## ➤ Dissimilar BareMetal Recovery (D2K)

- Windows 2003 - 32 bit
- Windows 2008 - 32 bit and 64 bit
- Windows Vista - 32 and 64 bit
- Windows 7 - 32 and 64 bit

- Driver Info
- IP Addresses
- MBR
- ISO bootable image



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# Why Unitrends Data Protection?

Unitrends D2D-based Data Protection & Disaster Recovery solutions help you address:

➤ **Local / Premise-based Data Protection and Retention**

- File Level Backup / Recovery
- Baremetal Backup / Recovery
- Application Specific Backup / Recovery (Exchange, SQL, etc)
- Rapid Recovery / Simplified Backup/Recovery Testing
- Threat Remediation (Virus, Trojan Horses, Malware, etc)
- Flexible and Scalable to support further data growth

➤ **Off-Site Archival of Data**

- Removable D2D2D
- DPU & Data Restore via Removable Disk

➤ **Disaster Recovery**

- Geographic separation of data via Vaulting option
- DPU & Data Restore via Data Protection Vault (DPV)

➤ **Legislation and Organizational Compliance**

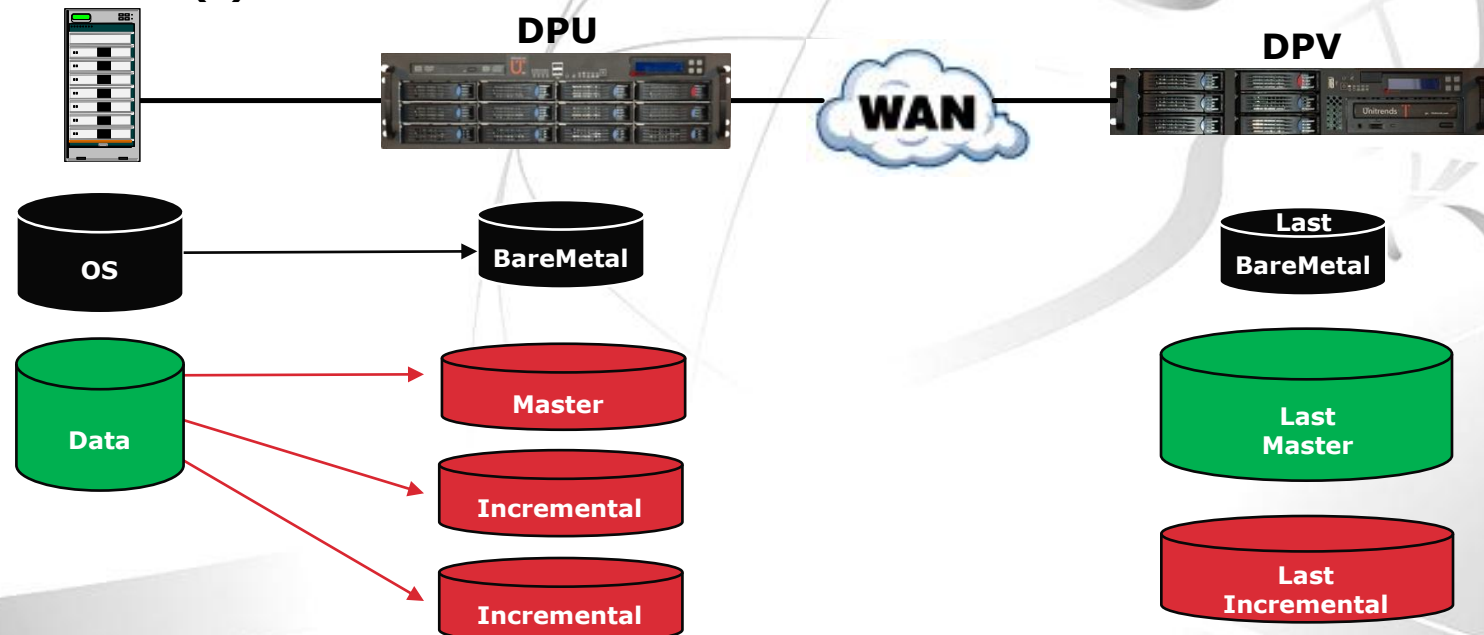
- HIPAA, FERPA, GLBA, SOX Administration
- AES256 At-Rest/In-flight Encryption Option

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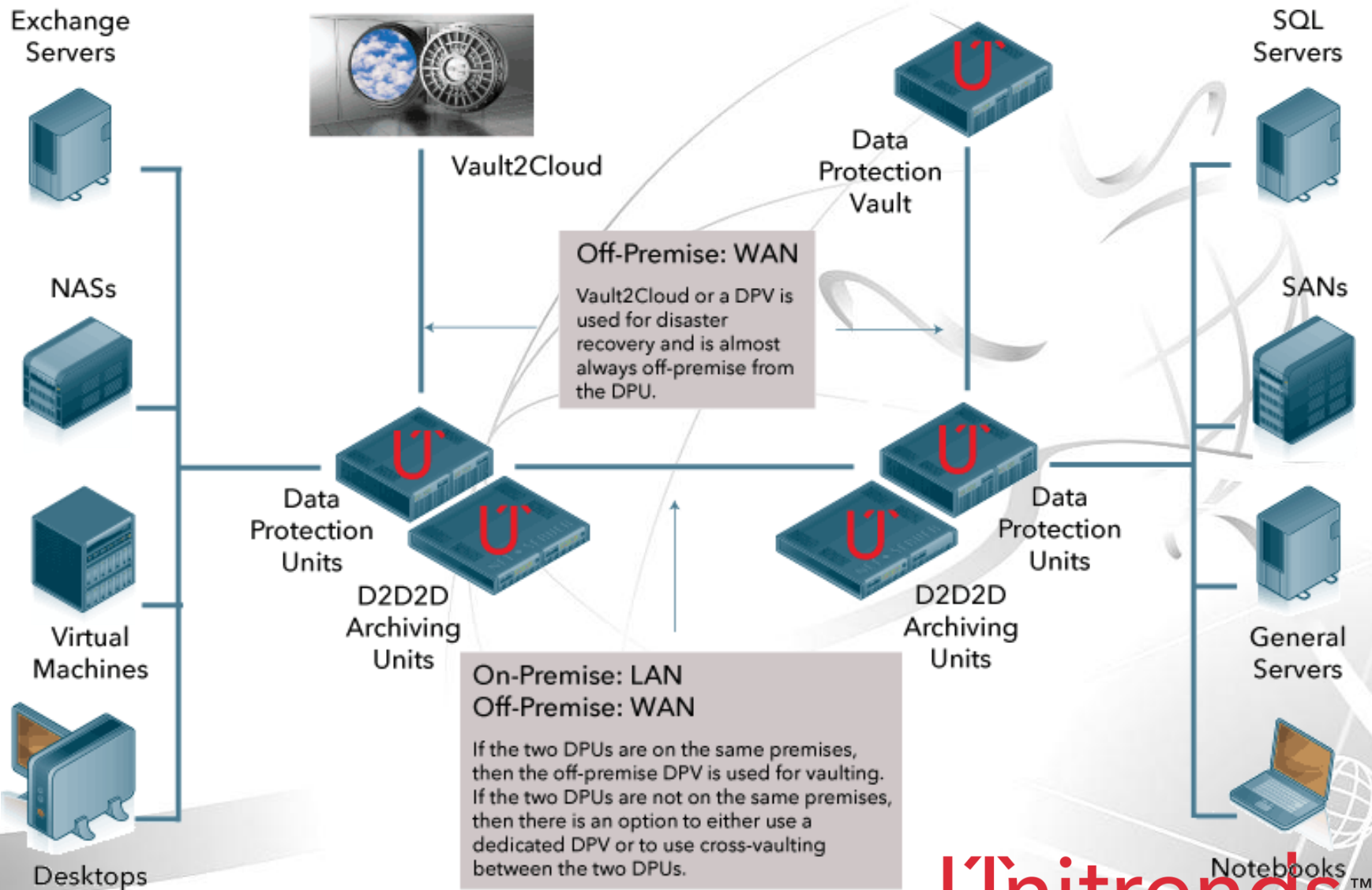
# Electronic Data Vaulting (EDV)

- EDV is a secure, electronic alternative to the physical transfer of tape or disk media to an off-site location for Business Continuity and Disaster Recovery purposes. Once setup and configured, EDV is a "lights out" operation that is a seamless part of the overall data backup solution. EDV does not depend on physical media, people or vehicles to securely store data at a secondary location.
- **Backup changes are de-duplicated, vaulted & integrated into the DPV**
  - Changed blocks are received at DPV
  - New blocks are integrated into the backups residing on the vault

## File Server(s)



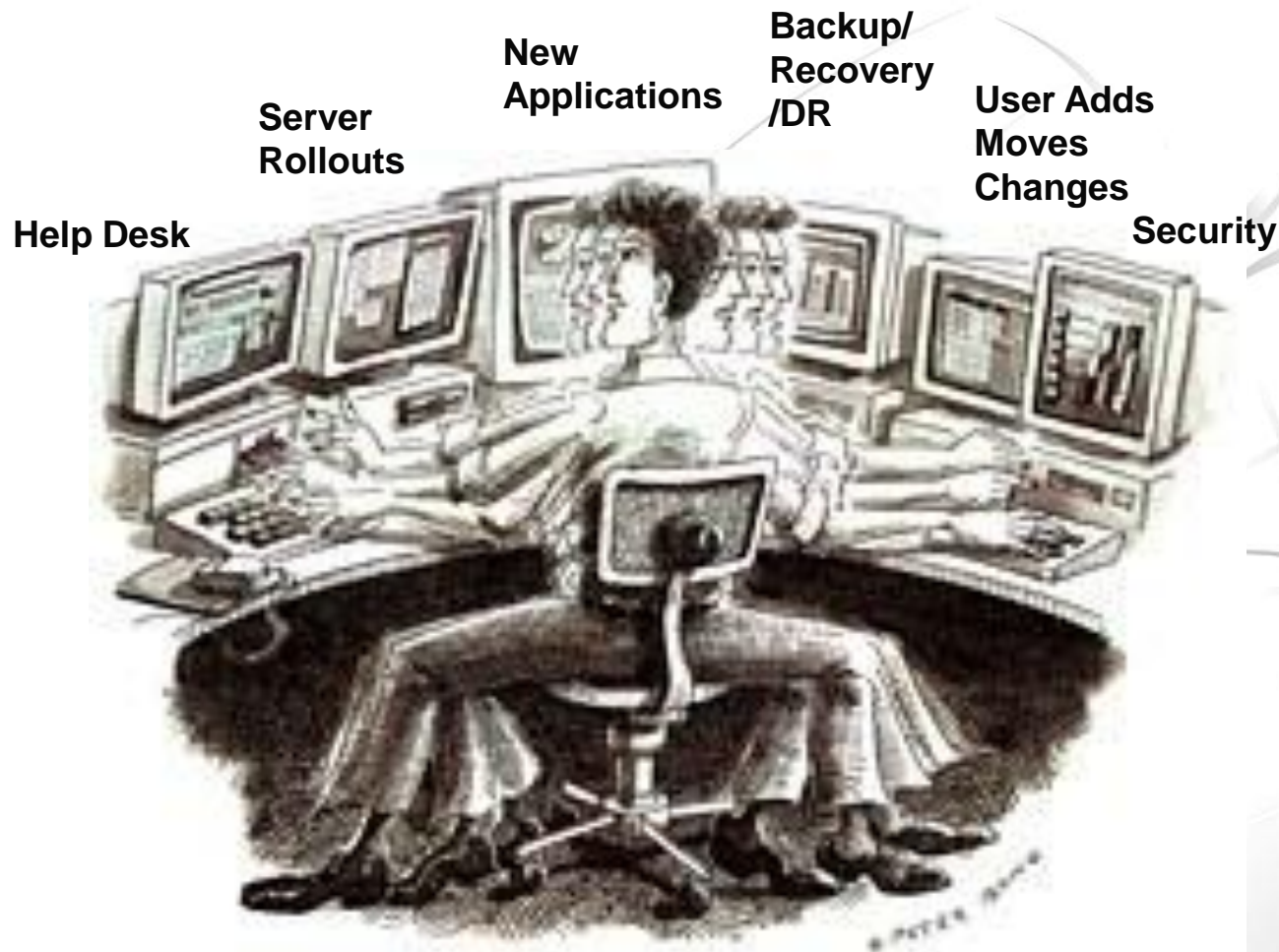
# Appliances with Vault2Cloud



# Unitrends Solution Differentiators

- Packaged Solution – Robust Software with the Server – **Included**
- BareMetal Crash Recovery – **Included**
- Full Feature File Level Backup and Restore – **Included**
- All Client Agent Software – **Included**
- Simplified Licensing – **NO per-client charges**
- Non-restrictive backup retention - **No licensing caps on retention**
- Inline Compression Technology – **Appliance-based compression**
- AES 256-bit Encryption – **“At Rest / In-Flight”**
- Fast Disk-to-Disk Backups and Restores
  - Shrinks Backup/Restore Windows - **Up to 2 GB/min** (over Gigabit network)
- Simultaneous Operations to Multiple Servers – **Multi-threaded**
- One Manufacturer for complete solution – **“O.T.T.C” “OBTP”**
- Choice of 8 x 5 x 5 *or* 7 x 24 x 365 Support Center Access
- Full Featured MS SQL Backup / Recovery Agent – **Included**
- Exchange Information Store Protection Agent (EIR) – **Included**
  - Exchange Quantum Recovery (EQR) Software – Message Level Recovery software for Exchange 2003, 2007, 2010 - **Optional**

# Questions??



Typical Network Administrator

The background is a vibrant red with a subtle grid pattern. Several white arrows of varying sizes and orientations are scattered across the top half. A large, stylized white globe graphic is positioned behind the text, featuring a grid of latitude and longitude lines. The globe is partially obscured by the text and other graphical elements.

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***Thank You Very Much  
for your time!***