



DATA GUARDIAN[®] ONLINE BACKUP BACKUP AS A MANAGED SERVICE

KEY BENEFITS

- **Faster Backup**
- **Faster Recovery**
- **Reliability**
- **More Secure than Tape**
- **Instant, Off-Site Backup Outside the Risk Zone**
- **Centralize Remote Site Backups**
- **Ease of Use**
- **Fully Automated**
- **Lower Cost**
- **Predictable Subscription Based Payment**
- **Lessens Burden on IT Staff**
- **Eliminates Costs and Effort of Hardware and Software Refreshes**

THE PREMIERE MANAGED SERVICE FOR SECURE ONLINE BACKUP & RECOVERY

For many businesses today, having a terabyte or multiple terabytes of data is no longer a remarkable quantity. Coupled with this growth is a total dependence on data to operate. To meet these demands, mechanisms must be in place to effectively backup and recover massive amounts of data.

DATA GUARDIAN ONLINE BACKUP DELIVERS PEACE OF MIND:

Faster Backup

The amount of data to backup is increasing at exponential rates. At the same time, backup windows are shrinking due to business requirements for data to be online and accessible around the clock. On average, backing up with DataGuardian Online Backup will reduce backup times 50 to 90%.

Faster Recovery

High speed recoverability with DataGuardian Online Backup is literally a finger tip away. Point, click and recover.

Lower Cost

It is common to underestimate the true cost involved with backup procedures. In addition to the obvious cost factors there are many hidden ones. IPR can show you how your TCO will decrease using fully managed services from IPR.

Secure, Instant, Off-Site Backup

Before leaving the server, data is encrypted to 256-bit level - military grade - and remains encrypted during transmission and storage at secure data centers.

Reliability

DataGuardian Online Backup keeps two "live" copies of your data in RAID 5+1 environments at geographically separated locations. Automated processes validate every backup giving confidence that your data will be recoverable anytime from anywhere.

Fully Automated

DataGuardian Online Backup fully automates the process for data capture, storage and recovery. The risk of human error is minimized because manual interventions, such as tape handling and transport are eliminated.

**Point.
Click.
Recover.**



DataGuardian®

No More Tapes • Shorter Backup Windows • Two Off-Site Disk Copies
 • Encrypted • Fully Automated • Point & Click Recovery

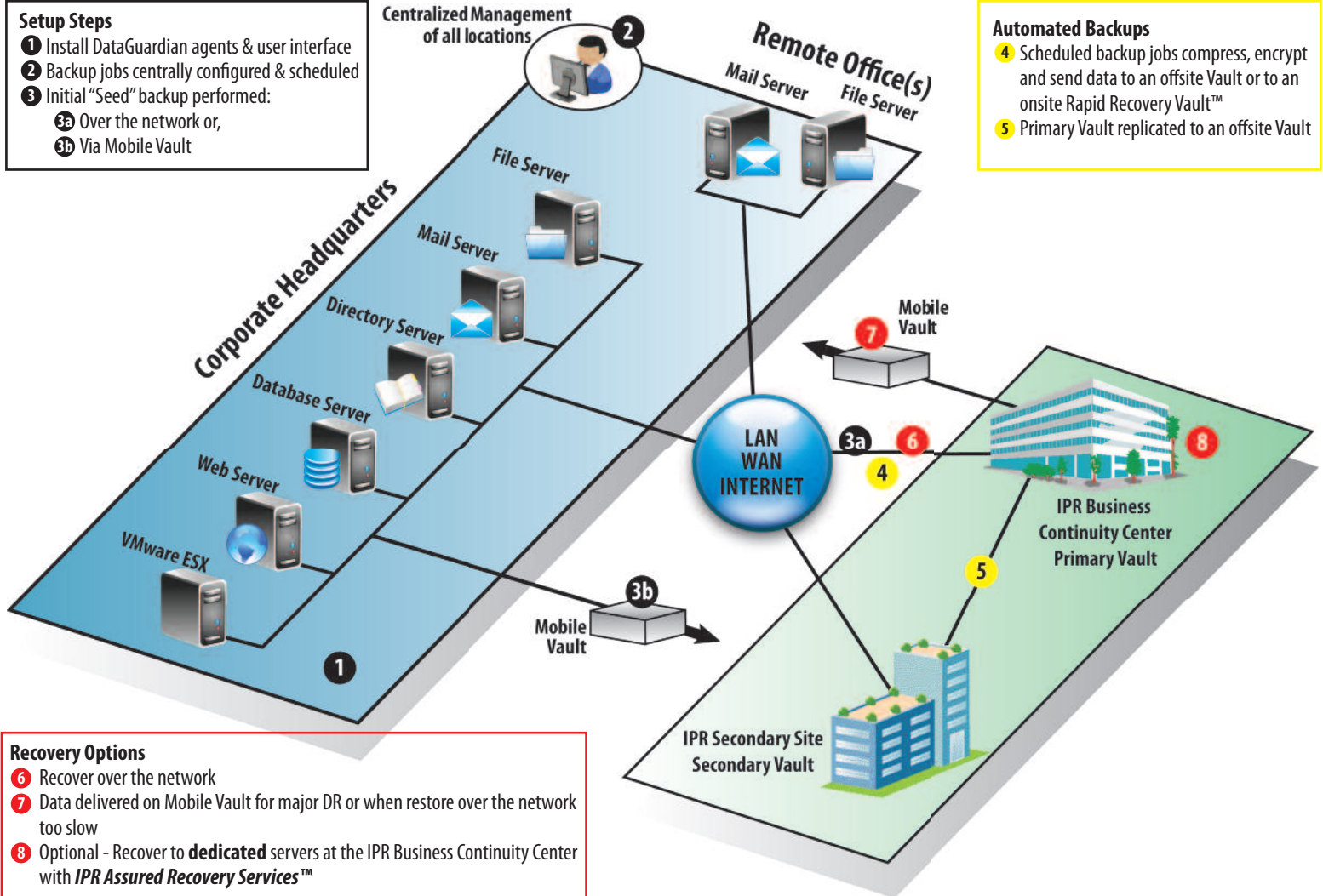
EXPERIENCE

Founded in 1998, IPR
 protects client data in 17
 countries Worldwide

Setup Steps

- 1 Install DataGuardian agents & user interface
- 2 Backup jobs centrally configured & scheduled
- 3 Initial "Seed" backup performed:
 - 3a Over the network or,
 - 3b Via Mobile Vault

Centralized Management
 of all locations



Automated Backups

- 4 Scheduled backup jobs compress, encrypt and send data to an offsite Vault or to an onsite Rapid Recovery Vault™
- 5 Primary Vault replicated to an offsite Vault

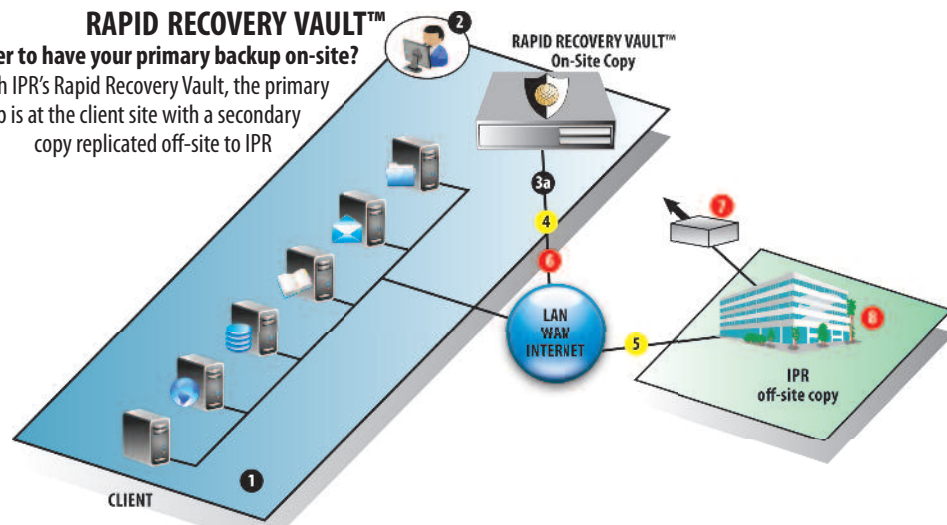
Recovery Options

- 6 Recover over the network
- 7 Data delivered on Mobile Vault for major DR or when restore over the network too slow
- 8 Optional - Recover to **dedicated** servers at the IPR Business Continuity Center with **IPR Assured Recovery Services™**

RAPID RECOVERY VAULT™

Prefer to have your primary backup on-site?

With IPR's Rapid Recovery Vault, the primary backup is at the client site with a secondary copy replicated off-site to IPR



SUPPORTED PLATFORMS

Windows Server
 2000/03/08
 Windows XP, Vista

Unix
 Linux
 iSeries

VMware ESX
 Exchange
 SQL Server

Oracle
 SharePoint
 Open Files

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