



The Challenge:

Data in Remote Offices Exploding and Unprotected

Data in remote and branch offices is exploding. The facts alone are daunting:

- The volume of enterprise data is **doubling** every eighteen months;
- Over **63%** of corporate data resides in remote offices which lack a dedicated resource for administering backups;
- Of these, **89%** enterprises backup their remote office data using on-site technology and personnel.

As enterprises seek solutions to these problems, they face additional challenges of their own, including:

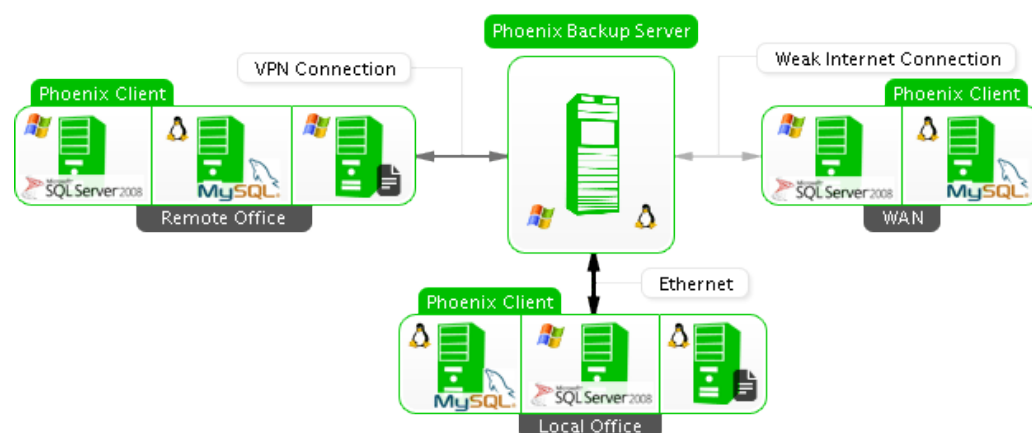
- **Limited Bandwidth for Remote / Branch Offices** – With enterprise growth translating into a large number of remote offices, availability of bandwidth has become a critical bottleneck.
- **High Storage Needs** – Without effective data deduplication, storage requirements to back up the exploding remote office data is prohibitive in terms of storage cost and management.
- **Complexity of Available Solutions** – Legacy server backup solutions were originally designed with a high dependence on resources and a reliable network for backups, creating problems for remote offices to backup with limited bandwidth and resources. In addition, these backup solutions are often difficult to deploy and manage, requiring lots of attention.

The Solution:

Druva Phoenix Enterprise Server Backup

Druva Phoenix is an enterprise-class, disk-based backup solution, optimized for remote and branch office servers. It features simple setup and configuration, non-intrusive and high-performing backups, point-in-time restores coupled with patent-pending deduplication technology to offer unmatched backup performance and storage savings.

With 80% data duplicated across enterprise users, global source based data deduplication used by Phoenix saves only a single copy of duplicate data, resulting in over 90% bandwidth and storage savings. It's scalable up to 16TB of dedupe data and supports nearly 100 agents on a single backup server. With Phoenix, remote office backups are simple, secure, and completely non-intrusive.



THE PHOENIX ADVANTAGE

Source based Global Data Deduplication across applications, servers and locations

90% Bandwidth Savings

Cost Reduction –

- ✓ Eliminate tape infrastructure and management
- ✓ Reduce growth of secondary storage and network consumption for backup
- ✓ Lower storage costs

High Performance with hyper-cache technology

Deployment Flexibility offered by high control of backup windows and backup types

Multi-Platform Support–

- ✓ Windows and Linux
- ✓ Agents for SQL Server Backup
- ✓ Agent for MySQL Backup
- ✓ Agent for Exchange Backup

Ease of Use –

- ✓ 20-minute install
- ✓ Intuitive user interface
- ✓ Zero manual intervention
- ✓ One-click restores
- ✓ Centralized administration of backup processes, policies, and controls

Dedupe Saves 90% Bandwidth and Storage

Data duplicated across the enterprise constitutes a significant percentage of both the bandwidth required for backup, and storage needed for maintaining the backed-up data.

With global source-based data deduplication technology, Druva Phoenix ensures that remote office backups are highly efficient. By saving a single copy of data duplicated across applications, servers and locations, it guarantees 100% duplicate elimination, saves over 90% backup time, and lowers storage costs by 90%.



WAN Optimization

The Phoenix server provides smart bandwidth throttling, based on percentage limits set for different available networks. It automatically calculates optimal packet size and makes the best use of available bandwidth. Coupled with global source-based data deduplication, Phoenix ensures that only unique data is backed up over an optimized bandwidth. Flexible scheduling helps run backups at the most convenient times making backups smooth and non-intrusive.

Near-CDP: Low Recovery Point Objective (RPO)

Using near-CDP, Druva Phoenix backup server maintains point-in-time copies of data with hierarchical restore points. During a restore, a timeline view of data in form of multiple restore points is displayed. Each restore point facilitates the restoration of data from any point in the past.

Automated Backups, Lower TCO

Server backup solutions with high dependence on bandwidth and resources for backup translate into high operational costs. Druva Phoenix features global source based data deduplication technology which helps lower the storage requirements of the enterprise. Additionally, requirements for tape infrastructures are eliminated, and centrally administered backups remove the requirement for dedicated backup management resources at the remote offices. Automation of backups at the remote office helps lower the TCO for enterprises.

The Bottom Line:

Focus on Remote Office Backups, Dedupe Automates Backup, Lowers Risk and Saves Critical Resources

With corporate data loss growing 260% annually, enterprises need to be cautious about identifying a corporate laptop backup solution that fulfills their remote office backup needs while being easy to adapt. Druva Phoenix is designed keeping the enterprise remote office in mind. It ensures backups are simple, secure and non-intrusive. It uniquely combines data deduplication and near-CDP to define new standards of server backup.

Our Customers Include:

Agents to Backup:

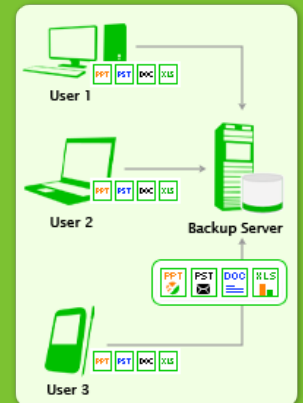
- ✓ Windows Server (VSS)
- ✓ Linux Server (Generic)
- ✓ MSSQL Server
- ✓ MySQL Server
- ✓ Exchange Server

Features:

- ✓ Ever incremental backup
- ✓ Configurable Schedules
- ✓ Hierarchical restore points
- ✓ One-click restore
- ✓ AES encrypted secure backup

Application-Aware Deduplication Technology

Application-aware deduplication relies on **awareness of the application data format**. It interprets the on-disk file as it were written by the application and identifies the logical blocks or messages which construct the file.



The deduplication algorithm uses these logical blocks to remove duplicates in backup, saving **only a single copy** of data duplicated across applications, servers and locations. Deduplication is 100% accurate and saves over 90% backup time, bandwidth and storage.

Druva Software

sales@druva.com

+1 408-600-2783
+44 20 3239 3251

