

PolarStar™ Backup & Disaster Recovery Services

It happens.

A crash, a meltdown, or physical damage from rain, wind, or fire.



Would your business survive?

WHAT'S IT WORTH?

When data is destroyed, the affect on your business can't come close to the cost to prevent it. Businesses without their critical data for 10 days or more have less than a 50-50 chance of survival. Nearly a third of those remaining shut down within two years. The loss of stolen, fried, or flooded servers is insignificant next to the cost of replacing data. Are you sure your backups really work? Would your business survive a fire, flood, mudslide, earthquake or even a simple server hardware failure?

HOW RELIABLE IS YOUR BACKUP?

Tapes are physically delicate and easily compromised by environmental factors such as heat, humidity, and magnetic interference. Tape backup is also prone to human forgetfulness, error and theft. Even in the best-case scenario, tapes may pose a security threat if not encrypted. In an event that damages system components and destroys data, the downtime until files are restored can be very costly, often requiring an IT professional's expertise. Each hour of server, application, and network downtime endured comes at a high cost, especially to smaller businesses.

WHAT HAS CHANGED?

The business environment has changed and traditional tape backup no longer provides adequate protection. Employees work form home, hotel rooms or client offices – from virtually anywhere and the value, complexity and volume of your data has increased. In today's mobile economy a backup system that depend on people using tapes, disks, and backup software at a specific place and point in time cannot provide adequate protection for your business. Fortunately, something else has changed. Now, small businesses can have the same robust, reliable backup, recovery, and immediate data availability enjoyed by large enterprises.

Learn how PolarStar BDR helps protect businesses against data loss.

POLARSTAR BACKUP & RECOVERY INCLUDES:

A COMPLETE SOLUTION TO REDUCE SERVER DOWNTIME WITH A SPECIALIZED BACKUP AND VIRTUAL SERVER APPLIANCE

VIRTUALIZATION OF FAILED SERVERS TO DECREASE DOWNTIME FROM DAYS TO HOURS

NEAR REAL-TIME BACKUPS AS FREQUENT AS EVERY 15 MINUTES

OFFSITE STORAGE AT AN AFFORDABLE COST

ABILITY TO LOWER THE COST AND TIME OF MANAGING ONSITE TAPE BACKUP

24x7x365 MONITORING AND MANAGEMENT TO ENSURE DATA INTEGRITY

AFFORDABLE BUSINESS CONTINUITY PLAN

Be prepared to restart your systems with all data intact within hours of an unforeseen event.

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PolarStar™
A Service of Polar Systems

A complete solution that “bullet-proofs” your data

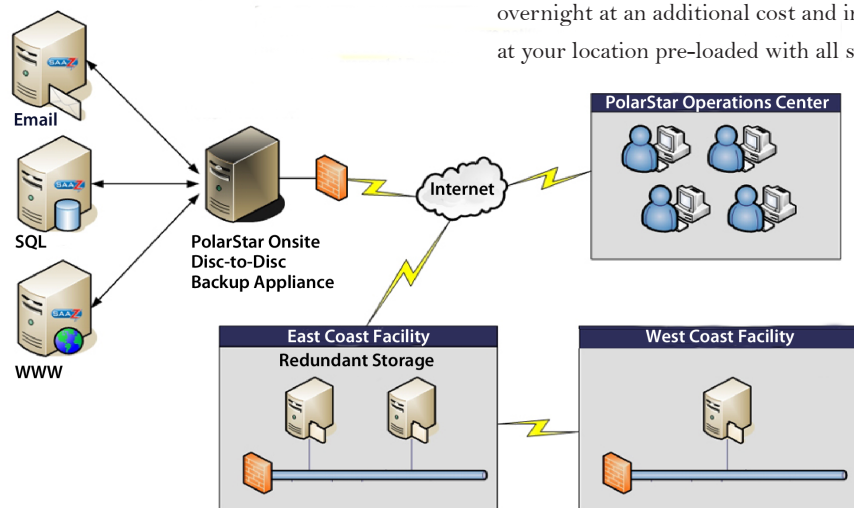
A strobe-like capture of data every 15 minutes. With near real-time backups under PolarStar, all changes to your data are captured in increments of 15 minutes. Not only are recent data sets backed-up, but you can re-construct the state of your data at each 15-minute restoration point. This level of forensic and auditable data recovery may satisfy various regulatory requirements (such as HIPAA and GLBA) for data retention and data record reconstruction. It may also serve as a reliable resource for supply chain planners, warehouse analysts, auditors, and legal counsel.

A complete block-level image, an exact digital duplicate of your on-site servers. An image of all hard drive partitions is generated on the PolarStar on-site disc-to-disc backup appliance. The data is stored using AES-256 bit encryption and compressed. We employ a block-level, not file-level, backup, making transfers more efficient, reducing errors, and eliminating effects created in file-level backups by open applications, files or databases.

Secure stored data at remote locations. After imaging your servers, the PolarStar on-site backup appliance creates an independent 256-bit encrypted tunnel and transmits the imaged data to a secure offsite location where it resides in an encrypted, compressed format. That remote site then replicates again to an alternate data center, creating a total of three copies of the data in three geographically distinct regions. Since the data is encrypted and only you have the key, no one but you has access to your data at any of the remote storage facilities. In case of physical damage to your network or the PolarStar on-site backup appliance, or a regional disaster, the data is safe in uncompromised locations. Encrypting transmitted data greatly reduces the risk of data loss and prevents attacks during transmission. Our 256-bit Advanced

Encryption Standard (AES) algorithm never been broken. It is the gold standard of encryption techniques that render transmitted data immune to theft.

On-site, a PolarStar virtual server network. If any of your servers fail, our virtual servers allow you to restore and reboot applications as soon as your servers or replacement servers are ready, in as little as 15 minutes. The PolarStar on-site backup appliance continues to back up data from other devices plugged into it. Your business continues to operate without any significant loss of data backup, server functionality, or application downtime.



PolarStar BDR performs 24x7 monitoring on covered servers and co-locations where redundant data is stored. The integrity of each 15-minute interval is assured. The detection of any threatening condition alerts our team to take corrective action.

Intuitive, quick and flexible restoration. PolarStar BDR allows for recovery of files, folders, partitions, mailboxes/messages, databases/tables, including multiple versions of same, using a quick and intuitive process. In the case of a complete server failure, it restores to new hardware, even when configuration, hardware and drivers are not the same as the original. Restore from any 15-minute interval point.

Minimized bandwidth consumption. Transmission over your Internet connection occurs on unused bandwidth or up to a set outbound limit.

A 24x7, completely managed solution. Your attached servers and PolarStar on-site backup appliance are monitored by a 500-person network operations center 24x7. Failed processes generate immediate alerts to our engineers, who often remotely correct errors within minutes of receiving notification. In case of more serious issues, we will conduct repairs at your site. If any PolarStar on-site units are irreparably damaged or destroyed, we will replace them overnight at an additional cost and install them at your location pre-loaded with all stored data.

Affordable. PolarStar BDR is priced according to the number of attached servers — with no hidden costs. BDR package prices include the PolarStar on-site backup appliance, software licensing, file restorations, file integrity checks, secure data transmission and remote storage.