

BACKUP AND RECOVERY (BRS) SOLUTIONS



CONTACT

Jim Smid
Practice Director
Data Center
303.526.6760
jim.smid@ironbow.com

With storage growth of 40 - 70% per year, backup and recovery continues to be one of the most important aspects of your data center. If there is data loss or corruption and you aren't able to recover it with the current system, the enterprise will suffer major outages, loss of productivity and potentially jobs.

A complete overhaul of your environment is impractical. Fortunately, there is a smart alternative. Strategic placement of new and better technologies will not only streamline your backup processes, but, improve efficiencies for your entire data center.

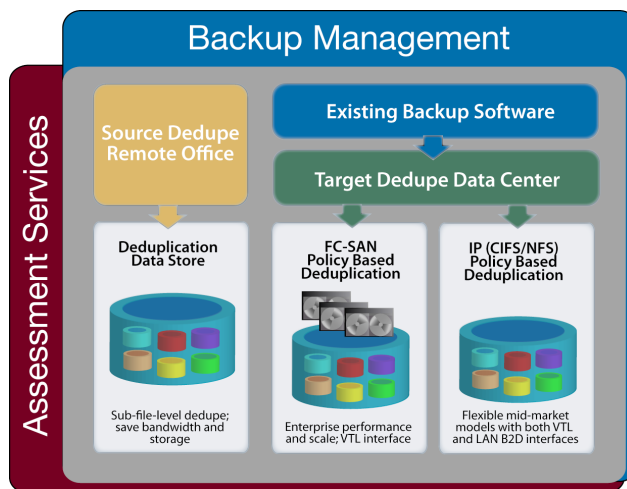
Consider re-thinking your storage strategy if you...

1. Are not meeting backup and recovery windows
2. Struggle with the limited reliability of tape infrastructure
3. Realize the management of your environment seems cumbersome and difficult
4. Face rising costs for tape media and offsite tape handling, storage and retrieval
5. Fear security issues with physical tapes being lost

DRIVE LONG-TERM EFFICIENCIES WITH A TARGETED REFRESH

Iron Bow takes a targeted, unbiased approach to backup and recovery initiatives, ensuring that you will only replace the equipment and spend the money that is absolutely necessary to get the results you want.

Our data center specialists understand the big picture, not just individual point products. We collaborate with you to understand immediate requirements, identify bottlenecks and discover what future events might affect data strategies. Then our team helps you tune, manage and leverage your existing infrastructure while evaluating tape, disk, VTL, deduplication, archiving and other solutions that fit the specific requirements of your growing data center.



Iron Bow offers assessments as well as a complete set of data protection solutions. This enables us to identify and solve specific challenges while strategically extending efficiencies into the next evolution of your data center.

ASSESSMENTS: IDENTIFY PROBLEMS AND PLAN STRATEGIC IMPROVEMENTS

Understanding your backup, recovery and archiving requirements and current limitations is the first step in planning and designing an infrastructure to address your business challenges.

Iron Bow's Backup System Assessments provides intelligent data analysis and is designed to be a non-disruptive, time-efficient and cost-effective way to assess the current state and performance of your existing backup environment.

We offer two types of assessments:

Basic File Level Duplication: Provides a snapshot of the current environment with a blueprint that outlines what kind of ROI can be achieved with data deduplication and data archiving technology.

Advanced Backup Infrastructure Assessment: Provides a health report on the current backup environment that includes recommendations on how to improve efficiencies, augment current infrastructure and improve day to day management capabilities.

Are Your Backup Systems Adequate?

40 - 50% of all backups are not fully recoverable and up to 60% of all backups fail in general. Unfortunately, recreating data costs between \$2,000 and \$8,000 per megabyte.

Let us do a free assessment to identify where you may be exposed.

TARGET VS. SOURCE DEDUPLICATION: ONE SIZE DOES NOT FIT ALL

When it comes to modern backup and recovery technologies, there are two choices: target deduplication and source deduplication. Determining which strategy and products will work best for your environment depends on myriad of complex considerations. We can help you decide which solution or combination of solutions will meet your goals and drive long-term efficiencies.

Target Deduplication	Source Deduplication
Backup application sends native data to a target storage device	Client software agents identify duplicate sub-file data segments at the source
Data is deduplicated as it reaches the target	Backup application sends only new, unique segments across the network to storage
Benefits: <ul style="list-style-type: none"> - Plug and play with existing backup software - High throughput for large datasets and copy to tape - Protocol independency 	Benefits: <ul style="list-style-type: none"> - Improved backup windows - Reduced virtual infrastructure stress - Reduced backup client-server bandwidth

BACKUP MANAGEMENT SOFTWARE: REDUCE COSTS AND RISK

Identifying problems from data and logs is difficult at best when relying on your backup software alone. Smart use of backup management software solutions can give you a single window view into trends, root cause analysis and system bottlenecks with real-time monitoring and reporting.

Backup Management Solutions collect and analyze information from your entire data protection infrastructure—physical/virtual, backup and replication—to help you make quick, informed decisions, solve problems faster and meet your service levels reducing costs and risk.

Contact us today for a consultation that will change the way you think about transforming data center performance.