



# Compass® Tape Gateway

A high-performance, software-defined backup solution to transform your existing infrastructure's tape libraries



## Key Use Cases

- **Tape-to-cloud modernization** for IBM i environments
- **Disaster recovery readiness** with cloud-based tape vaulting
- **Compliance and retention management** with long-term cloud storage
- **Ransomware defense** through secure, immutable backup architecture and Zero Access® architecture

## OVERVIEW

As organizations running IBM i look to modernize and streamline their data protection strategies, legacy tape systems are proving to be costly, complex, and a challenge in the hybrid enterprise. The Cobalt Iron® Compass® Tape Gateway offers a powerful, secure, and efficient way to replace physical tape with automated, cloud-integrated, and policy-driven tape emulation — without disrupting existing IBM i backup workflows.

## Customer Challenges

- **Complex and outdated virtual tape infrastructure** that's difficult to scale or manage in IBM i environments
- **Limited support for automation and policy-based control** in IBM i backup operations
- **Fragmented tools and manual processes required** to manage BRMS and virtual tape backups
- **Difficulty extending IBM i backup to the cloud while maintaining security and performance**
- **Complex and difficult DR testing, operations, and activities**

## Business Drivers for Change

Modernizing IBM i backup operations isn't just a technical upgrade — it drives real business value. From lowering operational costs to improving security and recovery speed, these outcomes directly support resilience, compliance, and long-term efficiency.

| Business Benefits             | Description                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------|
| Security Built-in             | Eliminates attack vectors while reducing cost and administration – Security is never an add-on |
| Cost Efficiency               | Eliminate recurring tape handling and offsite storage fees                                     |
| Operational Simplicity        | Reduce manual tasks and human error with automation                                            |
| Faster Recovery               | Restore from disk or cloud in minutes vs. hours or days with tape                              |
| Improved Data Access Controls | Protect against data loss, cyber threats, and compliance violations                            |
| Future-Proof                  | Leverage modern infrastructure while preserving operational workflows                          |

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## FEATURES

**Fully integrated** CTG functionality within Compass SaaS data protection platform

**Eliminate physical tape** media, transport, and storage costs

**Fully automated backup,** restore, and disaster recovery of virtual tape libraries, drives, and tape

**Emulates multi-platform,** heterogeneous tape environments

**Leverage multi-tier storage** both on-premises and in the cloud

**Intelligently scales** locally and in the cloud

**Incorporates AES 256 bit encryption** and enhanced security

**Seamlessly bridge disk** and tape formats

**iSCSI connectivity** for on-premises and in-cloud

**Multi-tenant** CTG support

## Why IBM i Customers Choose Compass Tape Gateway

### Seamless Integration with Existing IBM i Workflows

- **Non-disruptive:** Continue using BRMS and existing backup processes without modification
- **Plug-and-play:** Quickly integrate into your current IBM i environment as a virtual tape library (VTL)
- **No retraining required:** Familiar tools and backup procedures remain in place

### Eliminate Tape Complexity and Costs

- **No more physical media:** Eliminate the cost and logistics of managing, storing, and securing physical tapes
- **Automated operations:** Reduce administrative overhead with automated vaulting, retention, and lifecycle policies
- **Lower TCO:** Reduce infrastructure, labor, and offsite storage expenses

### Secure, Modern Data Protection

- **Zero Access® architecture:** Built-in Zero Access® eliminating all logins to the backup environment ensuring the security of your critical data for superior cyber resilience
- **End-to-end encryption:** Data is encrypted to-storage and at-rest ensuring compliance and confidentiality
- **Immutable storage:** Ransomware-resistant backups using WORM-capable cloud and disk storage

### Cloud-Ready Tape Replacement

- **Hybrid Flexibility:** Protect on-premises, in-cloud, and DR-to-cloud in a single solution
- **Scalable architecture:** Easily expand capacity without the constraints of physical tape libraries
- **Cloud tiering:** Optimize costs by tiering long-term retention to lower-cost cloud storage

### Unified Management with Compass

- **Single pane of glass:** Manage IBM i tape backup data in a single enterprise data protection environment through the Commander user experience
- **Policy-based automation:** Set and forget retention, replication, and vaulting policies
- **Analytics-driven operations:** Gain insight into data protection health, capacity trends, and usage

Where to find in IBM Cloud Catalog:

Search – “Secure Automated Backup with Compass”



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