

Compass Secures and Simplifies Backup for a Global Banking Giant

CUSTOMER

Global Bank

INDUSTRY

Finance / Banking

SOLUTION

Cobalt Iron Compass

BENEFITS

Powerful cyber security features

Automated data migration

Over \$1M saved by removing tape drives and media

Automation eliminates hundreds of hours of administration

Single, consistent global solution

SMART.
SECURE.
AUTOMATED.

Customer Overview

This global bank operates in a complex environment of over 1,500 branches worldwide and manages dozens of data centers with hundreds of petabytes of data globally. The bank's data protection environment includes operational data, core business data, customer financial data, market data, applications, systems, and platforms.

Challenge

The bank's existing backup solution was outdated, complex, and consisted of hundreds of backup servers, dozens of tape library models, and multiple service providers. It was challenging to maintain and update, which increased the risk of data loss, and in case of a disaster, made data recovery time-consuming. The bank required a modern and centralized data protection and cyber security solution that could deliver cost savings while complying with new security and compliance regulations.

Solution

The bank chose Cobalt Iron Compass to replace its aging and complex set of backup technology and products. The Compass platform outpaced the competition in several key areas including the migration of data off legacy products, industry-leading cyber security, automation of operations and updates, and overall solution value.

One of the main reasons for choosing Compass was its efficient migration process off numerous legacy tape technologies. Compass provides an efficient and effective migration process, analyzing the legacy backup landscapes, and extracting data to transition from the old environment to the new. In this bank

COBALT IRON CASE STUDY: GLOBAL BANK

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environment, the Compass Migrator analyzed tens of thousands of systems and hundreds of thousands of tapes across the bank’s global environment identifying the fastest and most efficient way to export the data. Compass migrated data from physical and virtual tape onto disk-based, deduplicated, compressed, and encrypted Compass storage. This process removed hundreds of systems, dozens of tape libraries, and hundreds of thousands of tape cartridges into less than 50 systems with primary and secondary active recovery, reducing complexity and increasing efficiency.

Cybersecurity was one of the bank’s top priorities. Compass’ built-in cybersecurity technology, collectively known as Cyber Shield, provides readiness, response, and recovery functions to minimize or eliminate the impact of cyberattacks. The platform integrates into the bank’s operational procedures and frameworks, including its ServiceNow ticketing system, alerting and notification systems, and directory for authentication. Compass fulfills the bank’s reporting requirements, including both chargeback and showback to their divisions, application owners, and others. Additionally, it provides information on service status, capabilities, environment, successes, and failures.

“Integrated automation and analytics features in the Compass platform have transformed this global bank’s approach to data protection.”

Integrated automation and analytics features in the Compass platform have transformed this global bank’s approach to data protection. Automated updates of the Compass platform ensure that the software is always current at every location and delivers consistency across the environment worldwide. This eliminates hundreds of hours spent updating backup servers and resolving issues caused by inconsistent configuration. Advanced automation features including proactive problem determination and remediation enable administrators to focus on other business projects. Compass continually monitors and analyzes the data protection infrastructure and software, ensuring uninterrupted service. Industry-leading analytics capabilities offer unique insights, including simple capacity analytics, performance analytics, health analytics, and cyber-attack detection, which provide granular detail on data protection operations, infrastructure, and environmental conditions. This operational visibility allows the bank to take a pro-active stance in their planning and execution of data protection.

“The bank is now poised for confident growth and hybrid IT operations with a secure, modern data protection solution protecting their enterprise data.”

Impact

The implementation of Cobalt Iron Compass significantly benefited the global banking giant, giving the bank confidence in the successful restoration of their systems and data in case of any disaster. The transformation of their large and complex legacy backup landscape into a modern, tapeless, hybrid, SaaS delivery solution and also leveraging Google Cloud resources is delivering significant financial benefits. The bank will save millions of dollars from the deployment of Compass. Additionally, the bank will realize additional savings, both product and operational, from the elimination of multiple vendor backup software and hardware products. Compass’ automation and analytics have helped the bank meet cybersecurity and regulatory requirements while reducing time and costs. The bank is now poised for confident growth and hybrid IT operations with a secure, modern data protection solution protecting their enterprise data.

