

# Simplifying and Accelerating SAP HANA Data Protection

Actifio Reduces Risk and Costs for Indian Manufacturing Leader

## KEY FACTS

**Who:** Indian manufacturing firm with global reach across 18 countries resulting in \$4B yearly revenue.

**Challenges:** The company was looking to reduce risk, reduce costs, and simplify data protection for SAP HANA.

**Solution:** Use Actifio Sky to protect on-premises workloads and deliver low RTO, low RPO, long-term data retention and Test Data Management for DevOps (future).

**Benefits:** Significantly improved RPO & RTO, reduced risk, and eliminated multiple point tools for data protection.

## Executive Summary

As a national and international leader with multiple business units across 18 countries, this Indian manufacturing firm's IT organization struggled with backup and recovery. The company needed to simplify its data protection solution, especially for SAP HANA, while also reducing risk and lowering costs.

## Company Overview

Founded in the late 1800s, this Indian manufacturing firm is a market leader across a variety of businesses including consumer goods, real estate, agriculture, and others. With revenue of over USD \$4 billion, the company is expected to grow rapidly in the next 10 years, so they wanted to increase application availability by modernizing their data protection for critical applications.

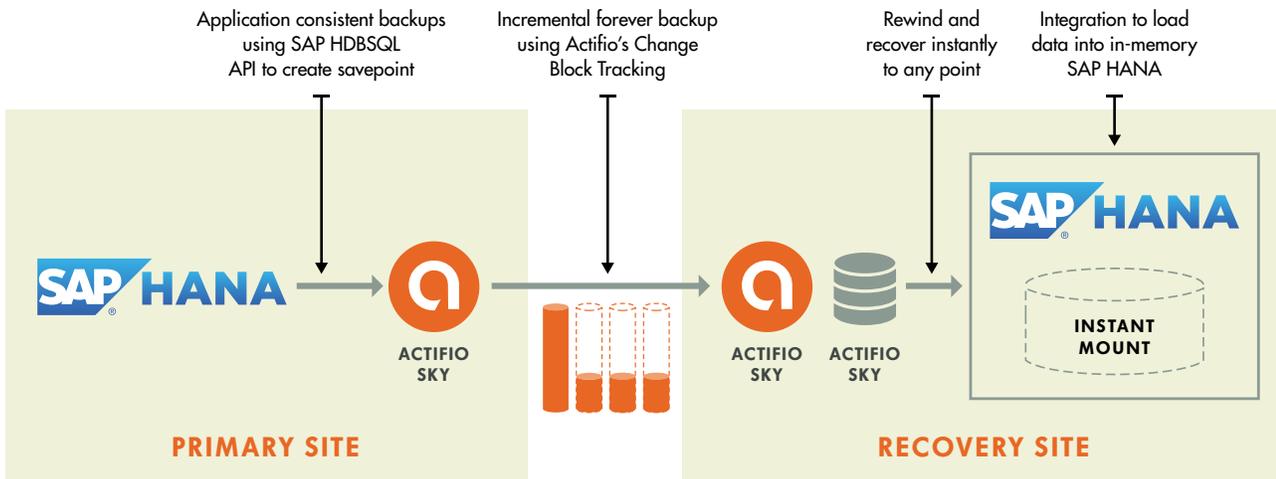
## The Challenge

This customer was protecting over 70TB of VMs, physical clusters, and SAP HANA. The SAP HANA environment was over 300GB and growing rapidly. The customer was using IBM TSM for data protection and struggled with high RPO and RTO. Backups took too long and they were unable to deliver timely data recovery, which lowered confidence and increased data risk. The customer was also using multiple point tools which increased complexity.

Since the environment was expected to grow rapidly, this organization wanted a solution that would simplify their data protection strategy, lower capital and operational costs while reducing data risk by improving RPO and RTO.

## The Solution

The customer engaged with Actifio to help with reducing RPO and RTO. Actifio's application consistent, incremental forever backups eliminated full backups for



databases and reduced the impact on production databases & backup window by up to 20x. Initially, the customer wanted to use Actifio to protect about 30TBs of data (VMs, physical Linux, SAP HANA), but quickly realized the benefits Actifio could provide and hence increased it to 70TBs. Actifio Sky was deployed in the production datacenter as well as the DR datacenter.

### Immediate benefits

- Application consistent backups for SAP HANA, all VMs, and physical servers
- Improved RPO to 1 hour with incremental forever backup and replication
- Reduced RTO to minutes with high performance & scalable instant recovery for HANA and the rest of the VMs
- Eliminated multiple point tools for backup, recovery and replication
- Actifio's ability to replicate and recover instantly with full VM conversion in cloud future-proofed the environment for cloud adoption.

### Moving Forward

Now that the company has successfully protected their information in the cloud, they are looking for new ways to leverage Actifio to deliver added business value. Future projects include using Actifio to reuse backups to provision multiple virtual DB thin clones, without consuming any extra storage, to their Dev, QA, UAT DevOps teams in the cloud.

## About Actifio

Actifio is the world's leading Enterprise Data-as-a-Service (EDaaS) platform. It enables thousands of users around the world to deliver their data just as they deliver their applications and infrastructure... as a service available instantly, anywhere. An enterprise-class software platform powered by patented Virtual Data Pipeline™ technology, Actifio frees data from traditional infrastructure to accelerate adoption of hybrid cloud, build higher quality applications faster, and improve business resiliency and availability. For more, visit [actifio.com](http://actifio.com) or follow us on Twitter [@Actifio](https://twitter.com/Actifio).

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