Alphamatic



Case Study:

Heavy Equipment Distributor Strengthens Data Protection with Alphamatic's BOSSCloud

Customer Overview

A leading heavy equipment distributor with over **90 years of industry experience** represents globally recognised brands. Its warehouse operations rely on a Warehouse Management System (WMS) for real-time inventory visibility and daily operational efficiency, making data availability and business continuity essential.

Alphamatic Systems successfully helped the customer **strengthen its data protection and disaster recovery capabilities** through an integrated solution powered by **Veeam, Veeam Cloud Connect and BOSSCloud**.

The solution **enables faster data recovery, secure offsite backup and cloud-based disaster recovery, helping the customer improve business continuity** while reducing the need to maintain a dedicated DR site.



Challenges

The customer faced several challenges in protecting its critical warehouse management system and production workloads:

Lack of a Dedicated Backup and DR Strategy:
No dedicated backup operations or disaster recovery plan was in place for the WMS, which supports daily warehouse operations.

High Disaster Recovery Costs:
Establishing and maintaining a dedicated DR site would require significant capital investment and ongoing operational expenditure.

Limited IT Resources:
Managing backup operations and disaster recovery internally would place additional demands on the IT team.

These challenges highlighted the need for a reliable, cost-effective and scalable solution to protect critical workloads and support business continuity.

The Solution: Veeam, Cloud Connect and BOSSCloud

Alphamatic implemented an integrated backup and disaster recovery solution combining Veeam, Veeam Cloud Connect and BOSSCloud to strengthen data protection and recovery readiness.

The solution included:

Local Backup and Rapid Recovery:
Deployed a local Veeam backup appliance to enable faster recovery of critical data and workloads.

Secure Offsite Backup:
Replicated backup copies to BOSSCloud through Veeam Cloud Connect, providing an additional layer of offsite data protection.

Backup as a Service (BaaS):
Protected production workloads, including the WMS, databases, web application servers and Power BI Data Gateway.

Dedicated Disaster Recovery Resources:
Provisioned 48 vCPU, 128 GB memory and 8.5 TB SAN storage to support annual DR drills and disaster recovery failover for up to one month.

Rapid Failover Workflows:
Established recovery procedures to support failover to the DR environment within agreed Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO).

By combining local backup, secure offsite protection and cloud-based disaster recovery resources, Alphamatic provided the customer with a more resilient approach to protecting critical business systems without requiring a fully dedicated DR site.

Results and Business Benefits

Faster Recovery:
Faster Recovery: Enables rapid recovery of critical data and workloads, helping minimise operational disruption.

Reduced Single Point of Failure:
Strengthens recovery resilience through an independent BOSSCloud DR environment.

Improved DR Readiness:
Supports recovery within agreed RTO and RPO targets.

Secure Offsite Protection:
Stores backup copies in redundant BOSSCloud infrastructure to protect against local infrastructure failures.

Scalable Recovery:
Accommodates future data growth without equivalent upgrades to on-premises backup infrastructure.

Business Continuity Support:
Supports continuity requirements through structured backup protection, recovery planning and regular DR drills.

Strengthen Your Data Protection and Business Continuity

Explore **BOSSCloud**, **AlphaCare Backup as a Service (BaaS)** and **AlphaCare Disaster Recovery as a Service (DRaaS)** solutions to protect critical workloads, improve recovery readiness and support business resilience.



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