Case Study: Liebherr

Enhancing Security with a Modernised Platform

Company Information

Client: Liebherr-Great Britain Ltd
Sector: Construction
Challenge: Enhancing Security with a Modernised Platform

Industry

Liebherr-Great Britain Ltd, the UK subsidiary of the German-Swiss Liebherr Group, is a leader in construction and material handling equipment, as well as refrigeration and freezing appliances, and employs over 400 staff members in the UK.

The Company Challenges

Liebherr-Great Britain (LGB) wanted to upgrade the security of its HPE environment through new hardware and data protection systems. To minimise any impact on the business, LGB worked with Recarta IT to update its systems over a three-phase project.

The Solution

Recarta IT implemented the 3-2-1 data backup strategy rule to enhance security, data protection and disaster recovery. This strategy involves maintaining three copies of the data on two different media, with one copy off-site, and one copy offline, air-gapped, or immutable.

Phase one involved replacing Liebherr's existing production storage with new hardware and migrating to the new environment. Recarta IT designed the new environment using HPE Nimble for its production VMware workload and an HPE MSA storage device for backups and the Storage Area Network (SAN).

Phase two focused on updating the disaster recovery environment, which included setting up three servers in a VMware cluster, new storage, and SAN switching.

Phase three provided an environment for immutable backups. Recarta IT implemented an HPE server running Veeam immutable backups software, protecting the isolated backup environment from cyberattacks and preventing data loss through accidental changes or deletion.

The Results

With minimal business impact on Liebherr, Recarta IT supported the company over three phases to test and implement this complex new environment, ensuring it provided the correct level of protection and security enhancements. LGB's modernised systems now include a supported and secure infrastructure that provides the business with a solid platform going forward.

Performance

Since Recarta IT implemented the latest storage and disaster recovery hardware, Liebherr reports that their system reliability has been outstanding. Planned maintenance has been minimal, and they have experienced zero unplanned downtime, ensuring seamless operations backed up by flawless hardware operation.

LGB has seen a significant boost in performance, reinforcing the reliability and efficiency of their infrastructure. The company's experience with file replication and deduplication has been equally smooth. The simplicity and ease of maintenance have proven invaluable, allowing their team to focus on core operations while having the confidence that any support needed is responsive and highly professional.

Reducing the Risk

Organisations can be at significant risk from using older hardware for their IT systems, as it can potentially have a major detrimental effect on their business through data loss. By supporting Liebherr with the modernisation of their existing HPE platform, their business risk is greatly reduced. Securing their systems through enhanced hardware and backups prevents data loss and protects the company from cyberattacks.

Liebherr-Great Britain Testimonial

Working with Recarta IT and HPE support has been an excellent experience from start to finish. The service provided was consistently smooth, professional, and friendly. Recarta IT truly stands out from other companies by offering a comprehensive approach. They guide you through their products and services, provide onsite training (including hands-on configuration of new systems), and conduct thorough testing before leaving the site. The project was completed on time and to an excellent standard. Even after the project's completion, Recarta IT maintained communication to ensure that the implemented systems were running and performing as expected.

More information in Recarta IT's HPE support services: https://recarta.co.uk/hp-enterprise-partner/

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