Liebherr

Enhancing Security with a Modernised Platform

Client | **Liebherr-Great Britain Ltd**
Sector | **Construction**

About the Client

Liebherr-Great Britain Ltd, the UK subsidiary of the German-Swiss Liebherr Group, is a renowned 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 strengthen the security of its HPE environment by implementing new hardware and data protection systems. To ensure minimal disruption 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 bolster 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 upgrading 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 revamping 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, safeguarding the isolated backup environment from cyberattacks and preventing data loss through accidental changes or deletion.

The Results: Enhanced Security Enhancements

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

The Results: Boost in Performance

Since Recarta IT implemented the latest storage and disaster recovery hardware, Liebherr reports that its system reliability has been outstanding. Planned maintenance has been minimal, and they have experienced zero unplanned downtime, ensuring uninterrupted operations backed up by flawless hardware operation. LGB has seen a significant boost in performance, reinforcing the reliability and efficiency of its infrastructure. The company's experience with file replication and deduplication has been equally seamless. The simplicity and ease of maintenance have proven invaluable, allowing the team to focus on core operations while having the confidence that any support needed is swift and highly professional.

The Results: Reduced 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 its existing HPE platform, the business risk is greatly reduced. Securing its systems through enhanced hardware and backups prevents data loss and protects the company from cyberattacks.

Testimonial from Liebherr

"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."

About Recarta IT

Recarta IT specialises in the design, deployment, hosting and full management of Enterprise Server and Storage environments for business-critical applications and AI workloads in the Financial, Manufacturing, Distribution, Public and Retail sectors.

More information on Recarta IT's infrastructure solution:
https://recarta.co.uk/infrastructuresolutions/