Our company has relied on Hitachi Data Systems for a number of years now. Hitachi offers high-quality, efficient all-in-one solutions, just like Kremsmüller. The solutions for storing and backing up data are particularly important for our broadly diverse corporate group, as we are faced with an enormous volume of data, and one that will be considerably greater in future.

Erich Zeindlhoffer
CIO
Kremsmüller

Multinational Construction Company Reaffirms Long-Term Partnership With Hitachi Data Systems to Support Company Growth

When the umbrella company of the family-run Kremsmüller industrial construction business, Kremsmüller Industrieanlagenbau KG, examined future growth and expansion plans, it recognized new IT challenges. Turning to Hitachi Data Systems for the solution was an easy choice: The companies have been successfully working in partnership for a number of years, and HDS has impressed time and time again, primarily as a result of its quality products.

The corporate group required a new data system to deliver increased performance, more capacity and improved scope for expansion. Hitachi Data Systems provided the optimal solution: 2 Hitachi Unified Storage (HUS) 150 systems paired with Hitachi Content Platform and a range of software solutions, including Hitachi Command Director, Hitachi Storage Optimization for Microsoft® SharePoint® and Hitachi Application Protector.

Kremsmüller has been synonymous with quality in industrial plant construction since 1961. The corporate group, based in Steinhaus near Wels in Upper Austria, has since become a full-service provider. Through its numerous branches and support offices, it offers complete solutions, from installation to software development, far beyond Austria’s borders.

Functioning as an umbrella company, Kremsmüller Industrieanlagenbau KG works in close collaboration with 13 sites in Austria and Germany from its head office in Upper Austria. It also works with other representative offices in Romania, Russia and Abu Dhabi. Versatility is a key principle in everything that Kremsmüller does: From pipeline construction and special...
tank construction, to hardware and software engineering, the group brings a whole host of services together under one roof. In doing so, it ensures that quality and safety always come first. For Kremsmüller, the same exacting demands apply when it comes to organizing data. As a reliable partner supplying tailor-made, custom complete solutions for over 50 years, the company expects these attributes to also be offered by its storage provider.

Kremsmüller anticipated an ever-increasing volume of data, and required an appropriately workable solution to handle this flood of data, in a clear and cost-efficient manner. At the same time, the company called for increased performance and additional capacity. What’s more, it was also particularly important for Kremsmüller that the existing storage system would be optimized for expansion, and thus meet the requirements that future growth will bring.

Thanks to the new options offered by Hitachi Unified Storage 150 these challenges were met. The solution included Hitachi Content Platform and other applicable software, and established capacity of 80TB for each data processing center. During the implementation phase, Hitachi Data Systems was able to prove itself not only through its products, but also through the excellent project management and simple communication channels it provided.

**The Hitachi Unified Storage Family**

The Hitachi Unified Storage family comprises the HUS 110, HUS 130 and HUS 150 models. It combines midrange Hitachi Adaptable Modular Storage 2000 (AMS 2000) features and the capacity of the high-performance Hitachi NAS Platform family with sophisticated functionality of high-end systems. As it integrates these features, the HUS family also brings the previously separate worlds of block, file and object data together centrally, on a single platform. Companies such as Kremsmüller benefit enormously from the high levels of performance and scalability, as well as the cost-effectiveness offered by HUS. They can use these capabilities to operate all business-critical applications and, at the same time, meet their growth requirements.

“We are extremely happy with the expansion and modernization of our storage solution through the addition of Hitachi Unified Storage 150. Using Hitachi Unified Storage 150, our companies can continue to grow, and we can count on the capacity afforded by the storage system,” explains Alexander Ietan, IT system engineer at Kremsmüller.

Impressive Efficiency

In comparison with other systems from this segment, Hitachi Unified Storage boasts significantly higher capacity per storage space, while keeping its energy requirements low. The efficient design not only delivers exceptional performance and the highest capacities, but also requires minimal energy, cooling and management. These benefits of sustainability and performance enable companies to draw maximum benefit from their investment, especially when viewed from the perspective of rising energy prices.
New Generation of Storage
For Hitachi Data Systems, Hitachi Unified Storage is a significant step away from traditional data centers and a step toward virtual information centers. This midrange storage system enables object data to be consolidated and managed centrally on a single platform in addition to block and file data. Its unique operational reliability ensures at least 99.999% data availability, optimal management of data growth, particularly high levels of cost efficiency, and optimized management.

Hitachi Unified Storage family supports numerous operating systems and the relevant data types, as well as hetero-
genic storage and server environments. As a result, there are integrated solu-
tions for Microsoft, VMware and Oracle environments.

Hitachi Application Protector Optimizes Data Protection
In addition to Hitachi Command Director and Hitachi Storage Optimization for Microsoft SharePoint, Kremsmüller is primarily putting its trust in the Hitachi Application Protector (HAPRO). This user-friendly tool is based on storage systems and used for backup, recovery and data protection purposes for block application data. Using this software, critical applications, such as Microsoft Exchange, Microsoft SQL Server® and Microsoft SharePoint®, can be managed and protected using a simple, familiar interface.

“The Hitachi Application Protector is a self-service solution that customers can install themselves; the recovery process is started with just a click of the mouse. A snapshot based on a storage system can be created every second, with up to 16 million snapshots possible in total,” explains Martin Heger, storage solutions consultant at Hitachi Data Systems.

Optimizing data protection is a real chal-
lenge for many companies. Backup windows that are becoming ever smaller and a huge growth in data volumes are increasing the level of complexity and difficulty associated with data manage-
ment. HAPRO is an alternative solution to conventional backup systems. It is ideal for snapshot-based backup systems and does not conflict with 3rd-party systems. This technology offers application consistency for Kremsmüller, a crucial factor for reproducing data at the required point in time. What’s more, the applications are not subjected to any load during the backup processes.

The Partnership Continues
With the Hitachi Unified Storage and soft-
ware solution, Kremsmüller stands prepared for future growth and continues its win-win partnership with Hitachi Data Systems.