



The Institute of Chemical Technology, Prague chose a storage solution from Proact

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Proact - the storage specialist made the migration to a new storage system during full operation.

The Institute of Chemical Technology, Prague is the largest educational institute of its kind in central and Eastern Europe. It follows the almost 200 year tradition of chemical technology education in the country.

The IT department of the Institute of Chemical Technology needed to solve the problem of ending support for an existing central storage system and build new storage architecture with high availability, a solution without downtime due to maintenance. The system should be used by roughly 4,000 students and 500 researchers.

The most favourable solution from both a technological and economic perspective proved to be a solution designed by Proact based on a metrocluster with flash cache accelerators spread across two datacentres.

The solution replaced several file servers and applications running on MS SQL, VMware and Oracle and was supplemented by SnapManager for management of backup and recovery funds directly to the disk system. The SnapManager make it possible to conduct low-capacity and application-consistent snapshots without impacting the performance.

In addition to data protection, this is also used to create flexible clones and for testing purposes, without the need for additional space. Beyond SnapManager, the Exchange infrastructure has been supplemented by effective tools for single mailbox recovery directly from write-activated snapshots. All data and snapshots are consequently backed up to a highly effective tape library at a different location.

Migration between the original and new storage system was conducted during full operation with minimal effects on the user and the availability of the services being operated.

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About Proact

Proact is a specialist in storage, archiving and securing large volumes of mission-critical information. As an independent integrator, Proact provides systems, support and consulting services within its focus area of data storage and archiving.

The Proact Group has more than 625 employees and conducts business in Belgium, Czech Republic, Denmark, Estonia, Finland, Great Britain, Latvia, Lithuania, The Netherlands, Norway, Slovakia, Spain and Sweden. Proact was founded in 1994 and its parent company, Proact IT Group AB (publ) has been listed on Nasdaq OMX Stockholm since 1999 under the symbol PACT.

Additional information about Proact is available at www.proact.eu