



Signa uses a hybrid SAP environment, operated by CrossIT

Case Study: Real Estate

The introduction of SAP ERP at Signa introduced a hybrid infrastructure operation model – with the development and quality systems in Microsoft Azure and the production systems are running in their own datacenter

SIGNA Group (Signa) is a privately managed European investment and industrial holding company active in the real estate, retail and media business sectors. Since its foundation in 1999, SIGNA has successfully developed into a company of truly European scale and format. Today, SIGNA is one of Europe's most important real estate investors and operates a number of reputable retail businesses.

With the start of the SAP introduction Signa was very open to discuss possible landscape scenarios. After the first planning workshops – they decided for a hybrid environment to participate from the innovation in the cloud and to be conform with their company wide data regulations.

The project started with an assessment of the target scenario and of the future needs - using the Microsoft Cloud Adoption Framework. After the decisions for the datacenter site, the needed features and the required performance needs were done – the whole architecture was finished.

From a task-based perspective – the project was delivered in the following steps:

- Workshop-phase
- Planning-phase
- Implementation of the test environment in Azure
- Implementation of the quality environment in Azure
- Learn from the test and quality implementation and adapt the learnings for the production installation
- Production environment implementation in the private owned datacenter
- Handover of the SAP environment to the CrossIT Basis operation team



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The result: the complete Signa SAP landscape was newly installed and is now running in a hybrid-environment. The landscape has all benefits from their own datacenter (compliance) and is easy scalable and adaptable through Microsoft Azure. After the successful SAP implementation by CrossIT, CrossIT also owns the complete SAP landscape operation from Signa - including Monitoring, Backup Service, Solution Manager as a Service and 7x24 operation.

Consultancy-, Implementation- and Operations-Partner for Signa: CrossIT

Listing of the technology used:

- Azure VM-types
 - Standard_DS2_v2
 - Standard_E2s_v3
 - Standard_E4s_v3
 - Standard_M32ls
- Running Applications in Azure
 - SAP S/4HANA 1809
 - SAP Content server
 - Backup Server
- Azure IPsec Tunnel (VPN)
- Azure Premium Storage
- Azure Backup
- SSO (SAML 2.0) with MS ADSF
- Network Security Groups
- HANA database
- SUSE Linux

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