SIEMENS MUNICH
VIDEO TRANSCRIPT

PROF. DR. ALEXANDER ZEIER: The current digital economy is a massive challenge in how to cope with explosive data growth.

CARSTEN SCHUCKMANN: The volume of data is increasing day by day and the demand for real time analytics is taxing memory and storage system at high cost.

RALF VON DER BURG: Our goal is to guarantee a seamless and continuous business operation, providing high performance for our customers, despite increasing data requirements. This needs to be managed in a smart way and, therefore, each data center needs to improve its infrastructure regularly.

HENNING ELD: We always want to ring large memories that's closer to the main computer CPU. We, therefore, invented the Intel Optane Data Center Persistent Memory, which runs on our second generation Intel scalable Xeon processors.

RALF VON DER BURG: We were able to reduce complexity in our infrastructure and support business requirements with larger more reliable service. We have always experienced long lap times and shorter restart times by a factor of 15.

CARSTEN SCHUCKMANN: Accenture built comprehensive knowledge on how to set up and run Intel Optane Data Center Persistent Memory technologies on customer premises. We explored how Siemens could accelerate insights, boost operation efficiencies and manage cost effectiveness.

HENNING ELD: Siemens recognized the technology capability very early on. We, therefore, partnered together with SAP and with Accenture to build a pilot that addresses the needs of Siemens. We were testing out the performance, the capacity and memory size that Siemens needs in order to come up with a best fit solution for Siemens.

RALF VON DER BURG: Now that we are convinced that the new technologies supports our future growth strategy, we have over 40 terabytes of Intel Optane Memory Modules. We will be able to consolidate the number of database servers by more than half and the amount of data per server will triple. By driving the go to market of this brand new technology for Intel, Accenture has gained a deep knowledge and early insights, accelerating our own ramp up phase.

We gave a highly motivated experts together from Intel, SAP, Fujitsu, Accenture and Siemens for about four months in order to work on implementing the Siemens Eagle Data Center proof of concept for this technology. They work together as one team, pulling into one direction. Through this project, we gained extensive insights into this technology and how it operates successfully in large scale environment.