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ABB to provide critical elastic infrastructure solutions for Serverius data center in Netherlands

Data center and infrastructure provider selects ABB as a strategic partner for the renovation and expansion of the electrical infrastructure of its operation in Meppel.

ABB has been chosen by Serverius, one of the largest data center providers in the Netherlands, to modernize its data center, delivering greater efficiency, reliability and quality.

With its own IP network and a global customer base, Serverius operates two data centers located between the largest internet backbones of Amsterdam and Frankfurt. Having experienced rapid growth over recent years, Serverius decided to modernize its data center in Meppel, ensuring that it is fully equipped for further expansion and to meet the ever-increasing demands of its customers.

The renovation project is aimed at minimizing downtime for existing customers and achieving a higher level of quality. For this purpose, the data center is carried out completely redundantly – from the grid operator's incoming power supply to the final racks in the data floor.

ABB's extensive knowledge and experience in the field of data centers played an important role in the selection, as Alfred van den Berg, Head of Technical Infrastructure at Serverius explains: "In addition to high-quality products, we can also make use of their international know-how. The execution of the entire project – from project management to final delivery has been entrusted to the ABB Benelux Data Center team."

Central to the new power infrastructure is ABB's 'TriLine' distribution system, a proven solution that combines reliability and quality with safety. The system will be combined with a large number of redundant DPA 500 UPS systems, thus optimizing the availability of the power supply. One module will be used as an additional 'safety system' while the total installed UPS capacity of this 2N+1 solution will equal 1 MW.

Ciaran Flanagan, head of ABB's Global Data Center business, commented: "We are very proud to be working with such a leading data center provider. We understand that intelligent data needs intelligent power and at ABB we focus on delivering the most flexible, reliable and intelligent data center solutions for our customers, ensuring their businesses run efficiently and safely 24 hours a day."

ABB's SMISLINE TP system: the world's first touch-safe busbar system is another critical element of the Serverius modernization. This allows load-free modules and components to be made live and removed without the use of Personal Protective Equipment (PPE) to protect against electrical hazards. The plug-in modules save installation time while the vertical installation in the control cabinet saves space.

Finally, ABB is also supplying its Circuit Monitoring System (CMS) system for energy consumption monitoring. This compact CMS is ideally suited for power monitoring and analysis, and energy efficiency optimization.

Gijs van Gemert, Managing Director at Serverius adds: "While we started in a barn in 2009, we have now grown into a major data centre player with international visibility and reputation. With customers whose expectations are constantly increasing, we want to continue to meet this demand, now and in the future. By partnering with ABB, we are assured that we will succeed."

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 136,000 employees. www.abb.com

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