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ABB is keeping the power on at Safe Host's data center in Switzerland

The pioneering technology leader ABB has provided a reliable and energy-efficient power distribution solution, based on medium-voltage UniSec switchgear, to safeguard the distribution of power and ensure uptime at the largest data center in Switzerland. The readily adaptable and innovative solution takes full advantage of ABB's sensor technology to maximize uptime and bring considerable energy savings.

The Swiss company Safe Host has built a new data center in Gland and it is the country's largest carrier-neutral colocation facility with 14,400 m² capacity. The facility, known as SH2, is designed to host the most mission critical computer systems, with fully redundant subsystems. The data center must have the ability to continuously operate at all times, even during primary power outages.

To ensure that power is distributed without any interruptions and to meet the Safe Host's requirement of an energy-efficient and greener choice, ABB's solution is built on the air-insulated UniSec switchgear, equipped with vacuum circuit breakers, current and voltage combi-sensors, and Relion[®] protection relays.

"Managing a modern data center presents a myriad of challenges, and ABB's leading-edge technologies help our customers run their operations reliably and effectively 24/7," said Bruno Melles, Managing Director of ABB's medium voltage business, "our flexible and smart solutions ensure continuous power supply to support our critical power customers and their business, and allows for easy adaptation and scalability as requirements grow."

The modular UniSec switchgear can be scaled easily to accommodate future expansion needs. Thanks to the use of sensor technology, the continuity of service is maximized and considerable energy savings can be gained compared to using conventional metering transformers. The communication is based on the IEC 61850 standard for improved speed and reliability of the power system and reduced switchgear cabling.

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ABB provides utility, and industrial and commercial customers with safe, reliable and smart technologies for the distribution of electricity.

About ABB

ABB (ABN: 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 132,000 employees. www.abb.com

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