



Predict and prevent outages, resolve problems faster

HPE Superdome Flex solutions for SAP HANA
for Energy and Utilities customers



The challenges of data across the energy landscape

The Energy and Utilities sector is under constant price pressure from consumers, who expect to interact with energy companies online and in real time to get better, more up-to-date information on outages, restoration times, and usage. Due to the massive growth of sensor data generated from Internet of Things (IoT) and other smart devices, these companies need advanced and predictive analysis for allocating supplies as well as preventing outages.

Energy companies must also modernize oil and gas production and distribution processes as well as digitize management process to meet changing regulatory requirements. They need the flexibility to

respond to unexpected capacity growth and demand surges. Furthermore, they require mission-critical solutions to ensure business continuity—downtime equals both lost revenues and customers.

Turn your data into actionable insights

HPE Superdome Flex Solutions for SAP HANA®—built with the Intel® Xeon® Scalable platform architecture—lets you process and analyze millions of data records in real time, so you can turn your data into actionable, business-fueling insights. They feature large-scale in-memory computing, architected to grow seamlessly up to 32-socket and 48 TB¹ memory capacity to host your most demanding SAP® workloads.

¹ Configurations larger than 20 sockets up to 32 sockets and 48 TB of memory are available based on a joint HPE and SAP engagement.



Solution brief

The groundbreaking modular design of HPE Superdome Flex Solutions for SAP HANA allows your IT infrastructure to keep pace with your business demands. You can start small and grow seamlessly, and you can easily reconfigure to scale up or out in the SAP HANA environment while reducing total cost of ownership (TCO). HPE Superdome Flex Solutions for SAP HANA offer the highest levels of mission-critical availability to ensure the continuity of your energy and utilities business operations.

Addressing energy and utility companies' needs

HPE is the number-one SAP HANA infrastructure leader. We have successfully deployed 12,000+ SAP HANA platforms for more than 2500 customers globally, including many leading energy and utility companies across the globe.

HPE Pointnext is your trusted advisor for your SAP S/4HANA journey with quick time to value. In addition, HPE Flexible Capacity for SAP HANA offers a flexible consumption model catering to companies of all sizes. HPE Serviceguard offers business continuity and helps keep your business running without interruption.

CenterPoint Energy: Transforming to a real-time enterprise

CenterPoint Energy—based in Houston, Texas—has been selling and delivering electricity and natural gas for 140 years. Its five million customers generate 240 million meter-readings daily and 5 PB of data—an 837% increase over the last five years. This environment demanded in-memory database capabilities to fuel real-time insights.

With the deployment of HPE ConvergedSystem 900 for SAP HANA, CenterPoint Energy has transformed to an enterprise with real-time analytics and a more reliable infrastructure. The HPE solutions for SAP HANA with deep IoT sensor data analysis help CenterPoint Energy predict and prevent power outages. It has reduced the time to analyze data by at least 60X, from hours to seconds. Analytics of customer profiles in its call center have enabled it to predict the purpose of calls within a 90% probability. As a result, CenterPoint Energy has reduced average call center wait time by 30 seconds, allowing faster resolution of customer issues to improve customer satisfaction and call center efficiency.

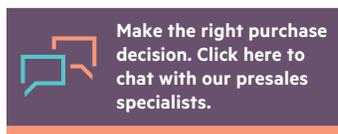
Why HPE and SAP

HPE and SAP together, with 28 years of co-innovation across all industries, offer proven solutions for your industry-specific needs. HPE is the number-one SAP solution provider, delivering comprehensive, end-to-end solutions for your digital transformation, and broadly embracing the SAP ecosystem by partnering with SI partners, solution providers, and service providers.

In addition, HPE provides:

- An extensive product portfolio and broad range of SAP HANA certification for your various workloads
- Choice of consumption models and deployment flexibility
- Best-of-breed and market-leading scale-up and scale-out systems
- Co-innovation engineering labs and global SAP competency centers
- HPE Pointnext as your trusted advisor with Advisory and Transformation, Professional, and Operational services

Learn more at
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