

## SAS and HPE

Where business and IT meet for real-time IoT insight



### Hewlett Packard Enterprise

Want to put the Internet of Things into action – to gain valuable insights from devices and data at the Intelligent Edge? Start with HPE.

#### SAS and our IoT Partner Ecosystem Built for Customer Action

Solving customers' most critical business challenges can be daunting. That's where the right partners can make all the difference. The SAS® Partner Program, an actively managed network of strategic partnerships, creates new avenues for delivering and implementing SAS solutions. The resulting partner ecosystem puts customers at the center of a powerful network of providers, all ready to deliver the most advanced analytics capabilities available. They bring industry- and topic-level expertise to every engagement, giving SAS customers the full range of capabilities required to create a world-class analytics infrastructure – all running on the SAS Platform. The result? The ability to generate deeper insights faster to achieve the business results required to win.

#### Confidence is power

How well does IT work with its business counterparts in your organization? That's a question that has been asked with greater frequency over the past few years than perhaps ever before, as leaders increasingly realize that the success of their IT-business partnering efforts may make the difference between winning and losing in a highly competitive environment. The stakes are even higher in an IoT environment, where the business stands to gain tremendous value from the data being generated by devices and sensors at the edge of the network.

In this environment, the powerful collaboration between HPE and SAS – the leader in data center infrastructure working with the leader in business analytics – can make a big difference for your business. SAS software is validated to work on HPE compute systems. That means when you're ready to run world-class analytics on your HPE infrastructure, you can do so with the confidence of knowing everything will work together smoothly, with minimal risk. When so much is uncertain in the world of the IoT, that's a valuable capability.

#### Massive computing and analytics power – on the edge

Do you have big plans for generating insight on the edge, from the IoT? What if you could set those plans in motion right now, using the HPE infrastructure you already have in place? Today, you can – SAS Analytics runs on both HPE data center and edge compute systems, including:

- **GL10 and GL20 IoT Gateway:** These entry- and midlevel rugged compute solutions are designed to operate in industrial environments such as manufacturing, smart cities, or oil and gas. These intelligent gateways come optimally configured with CPU, memory, connectivity, and an expansive I/O selection addressing a host of Internet of Things (IoT) needs.

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- **HPE Edgeline EL 1000 Converged Edge System** is a first for the industry, integrating data center-like compute for industrial environments, including edge compute, precision data capture and control, data center-class security, device management, and storage capabilities - in one converged system. With up to 16 Xeon cores and two data capture/control slots, and multiple I/O and storage options, this rugged and compact system is designed to perform in harsher edge environments with higher shock, vibration and temperature levels. It is perfect for expanding your IoT infrastructure, and analyzing, offloading, and aggregating data between the edge, cloud, and data center.
- The **HPE Edgeline EL 4000 Converged Edge System** scales up further to 64 Xeon cores in four compute blades, with four data capture/control slots, and scalable high capacity storage. EL4000 can acquire data, analyze it, drive high-performance displays for operators, and initiate control actions from things like streaming analytics. The increased compute and I/O capabilities enable artificial intelligence, graphics processing, and advanced analytics at the edge, speeding decisions by reducing the inherent latency of transferring data typically analyzed in the data center and cloud.

## Benefits

SAS and HPE have been collaborating closely for decades, and we bring the full power of our partnership to IoT analytics solutions. What does that mean for you?

- Fully realize the potential of IoT by extending your current HPE and SAS analytics infrastructure to the edge.
- SAS edge analytics on HPE's scalable Edgeline family allows for real-time decisioning for better business.
- Improve data governance and lower transport costs by minimizing data movement from the edge to the data center.
- Deploy analytics at the edge, providing insights needed for smarter decision making at the moment of impact.
- Access deeper analytics models from either the cloud or the data center.
- Use shared tools. HPE Edgeline can be managed remotely through the same HPE tools currently used in the data center compute, which removes whole layers of complexity.

## Let's talk

Want to know how HPE and SAS can support your IoT goals?

To get the conversation started, just contact SAS' Richard O'Brien at [Richard.O'Brien@sas.com](mailto:Richard.O'Brien@sas.com).

To learn more, please visit: [sas.com/iotsolutions](https://sas.com/iotsolutions)

