SAS and Dell EMC
Driving smarter insights from the center to the edge

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DELL EMC

To ensure IoT success and rapid ROI, Dell offers the industry's broadest Internet of Things infrastructure solutions portfolio. Want to get to ROI faster with your IoT strategy? Start with Dell.

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.

The power to generate insight wherever there's data

Where are your business insights coming from today? As the Internet of Things (IoT) continues to expand, with sensors and "smart" assets constantly pumping out information, the answer should be "everywhere," from the center of your organization all the way out to the edge. But just because there's data virtually everywhere today, that doesn't mean your organization is using it to its full advantage, transforming it into actionable insights.

For many organizations, the complexity of implementing technology solutions that successfully match analytics with their IoT infrastructure is one of the main obstacles to transforming the massive data volumes of an IoT world into insight.

But SAS and Dell EMC are changing the equation for organizations looking to capture the full value of their IoT data – wherever it's being generated. Working together in tight partnership, we have developed analytics solutions powered by the SAS Platform – solutions that are built not only to be used in your organization's data center, but at the edge, often within the very IoT devices and sensors that are generating all that data. And it's opened the door to a whole new era of powerful business analytics.

Working together to solve edge-level business challenges

Combining Dell's infrastructure strength in the data center and out to the edge with world-class SAS Analytics capabilities isn't just a great idea in theory – it's one we've put into practice for customers. Here are some examples.

- **Edge-level:** SAS Event Stream Processing has been validated on Dell IoT Gateways, enabling powerful edge-level analytics at virtually the moment data is being generated.
- **Data center/Cloud-level:** The Dell EMC Elastic Data Platform (EDP) can leverage your SAS Grid Computing investment while expanding to support both SAS® Viya® and Data Lake solutions. The EDP enables SAS Viya in containers for data scientists and analysts looking to integrate their Dev/Ops life cycle with open source tools while delivering a self-service model.

How you can benefit from our collaboration

- Make smarter use of data not only from the data center, but from edge sources, using Dell's Edge Gateways – specifically engineered for IoT purposes and optimized for use on the SAS Platform.
- Access scalable, accelerated analytics capabilities from the combination of SAS and Dell EMC hardware configurations based on the Intel Xeon processes E7 v3 family and Intel SSDs.
- Achieve faster, more efficient, less costly data storage and processing infrastructure.
- Accelerate time to insight with Dell EMC tools that come with SAS capabilities built into the architecture.

Let's talk

Want to know how Dell EMC and SAS can support your IoT goals? To get the conversation started, just contact SAS' John Lambert at John.Lambert@sas.com.

> " What if you could use the full power of the network to deliver the right analytics insights to the right people at the right time? That's exactly what SAS and Dell EMC are helping customers achieve, using a validated platform to support a range of IoT use cases, across industries and sectors. "
>
> **Jason Shepherd**
> IoT CTO
> Dell Technologies

To learn more, please visit: sas.com/iotsolutions

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