SAS and Cisco

Confident analytics decision making, from enterprise to edge

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Cisco's Internet of Things offerings accelerate digital transformation, helping deliver insight and action from your data.
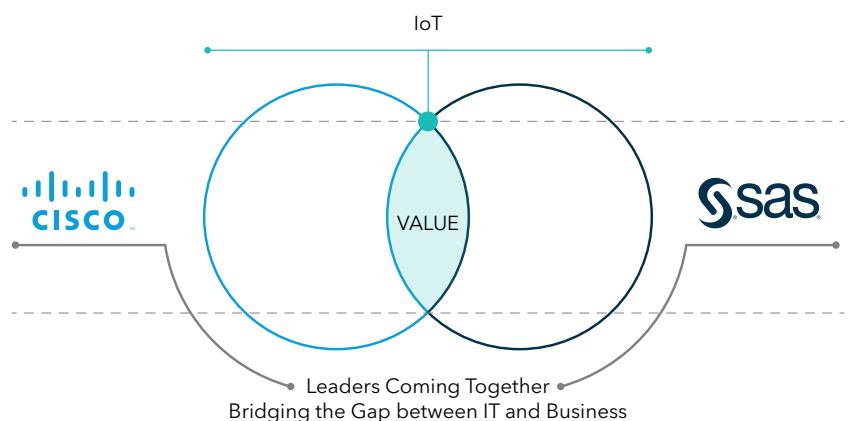
SAS and our IoT Partner Ecosystem
Built for Customer Action

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.

Enterprise-to-edge confidence for an IoT world

What if you were able to apply the same advanced analytics capabilities on the edge that you're already running in your data centers, taking full advantage of the massive amount of data being generated by the Internet of Things (IoT)? Just think of the deep insights you could be generating and applying to make smarter decisions – all over the organization, at the right time.

The potential range, scope, and depth of insights of enterprise-to-edge analytics hold serious potential for creating a smarter, more responsive organization. But this vision also requires an integrated approach toward hardware infrastructure and analytics muscle. That's where the close collaboration between Cisco and SAS can have a big impact on your aggressive vision for IoT-ready analytics.

IoT

CISCO   VALUE   §sas

Leaders Coming Together
Bridging the Gap between IT and Business

Cisco-Validated Design: Proven power for the IoT

It's one thing to say that SAS' world-leading analytics software works well with Cisco hardware. But through Cisco's rigorous Cisco-Validated Design (CVD) program, we've actually put our technology to the test. The combination of SAS Event Stream Processing technology and Cisco's servers is now recognized as a market-ready CVD solution, with particular relevance to utilities and manufacturing companies.

At the edge of the network, Cisco hardware such as its Industrial Integrated Services Routers acts as a bridge between IoT devices and the network data center. The edge network acts as a collection and routing point for the data produced by large numbers of IoT devices. SAS Event Stream Processing expands the edge network from a routing point to a full-fledged analytics processing center, applying sophisticated analytics to streaming data in real time. By performing analysis at the edge, the system can respond within milliseconds. Additionally, edge analytics can also help the system dramatically reduces the volume of data traversing the network, reducing the network load and the data consumption and analysis typically required of the enterprise data center.

The same edge analytics technology is also deployed in the data center, where it can leverage an array of industry-specific SAS solutions powered by Cisco UCS infrastructure. With the upcoming integration of SAS with Cisco Kinetic, the possibilities of driving value from IoT data are truly unlimited.

Benefits

Why use an integrated, tested approach to IoT and edge-level analytics from Cisco and SAS? Customers are turning to us to:

- Simplify edge-to-enterprise analytics infrastructure by deploying Cisco UCS and edge capabilities alongside SAS Analytics to support powerful processing in a proven, validated design.
- Unlock value from the massive volumes of data generated through the IoT using a consistent, scalable architecture built on proven technology.
- Align with established industry leaders who are collaborating to deliver world-class IoT solutions that are trusted, powerful, and secure.
- Adopt predictive maintenance models for critical assets to optimize maintenance costs and ensure resource alignment and reliability.

Let's talk

Want to know how Cisco and SAS can support your IoT goals?
To get the conversation started, just contact SAS' Richard O'Brien at Richard.O'Brien@sas.com.

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

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