



DC SYSTEMS

*We put the intelligence in the Smart Grid*

## News Release

### DC Systems and Silver Spring Networks Announce Distribution Automation Partnership

**DistribuTech 2009, February 3, 2009** - DC Systems today became the first Distribution Automation software provider to join Silver Spring Networks' Technology Alliance Program. The companies will work together to create an integrated interface between the DC Systems distribution automation software and Silver Spring Networks' IP-based communication network. This is a big step toward a unified Smart Grid network supporting reliable, secure Distribution Automation, SCADA, Advanced Metering Infrastructure, and other Smart Grid applications. The true promise of the Smart Grid will be realized with the convergence of these complementary, but traditionally separate solutions into one secure network, ultimately enabling automation of an entire distribution system.

"We are delighted to be working with DC Systems," said John O' Farrell, Executive Vice President, Silver Spring Networks. "Silver Spring's Smart Energy Network is an advanced, standards-based communications platform that supports Distribution Automation devices from all the major vendors. The DC Systems product suite leverages the power of our platform to enable utilities to automate their distribution network, which is critical to realizing the benefits of the Smart Grid."

The DC Systems product line is built on a distributed processing architecture. Data is acquired and processed as close to the point of origin as possible. This creates a cloud computing scenario where decisions are made in real-time. This architecture fits seamlessly into the IP-based Silver Spring system, leveraging the processing power contained within the network.

Silver Spring's Smart Energy Network meets the critical requirements of a network supporting SCADA: it's secure, fault-tolerant, high-availability, and compatible with industry-standard protocols. This high-density mesh network delivers ample bandwidth, low latency, and ubiquitous coverage for DA, AMI, and other Smart Grid applications. Leveraging a common network infrastructure significantly lowers both the capital and operational costs of implementing wide-scale DA. The Smart Energy Network also provides DA traffic prioritization, easy deployment and maintenance, and centralized network management.

"DC Systems is proud to partner with Silver Spring Networks. The partnership underscores our mutual commitment to the Smart Grid," said Douglass Campbell, President of DC Systems. "This partnership will allow us to extend our existing distributed intelligence architecture to include the nodes in the Silver Spring network. The standards-based network provides the perfect platform for advanced distribution automation applications, combined with network management and monitoring. This will give our customers a fully integrated solution, using standard IP-based communication and routing."

The Silver Spring IP-based communication network provides a solid platform for deployment of DC Systems' real-time Smart Grid applications. These applications take advantage of the intelligence built in to the Silver Spring products to implement distributed intelligence for real-time data analysis of grid conditions.

### **About DC Systems**

DC Systems, located in Pleasanton, California, is a leading developer of Smart Grid software for electric utilities. DC Systems provides the RTscada family of products which are used to acquire real-time data from intelligent substation and field devices, securely transport the data over utility communication and network systems, and present the data in a meaningful way to both users and other enterprise systems such as EMS, DMS, OMS, maintenance, and corporate historians. The product family includes data concentrators, communication gateways, substation masters, transmission and distribution SCADA, as well as enterprise information management and data presentation systems. Advanced distribution automation programs provide real-time data analysis, decision making and automated control to perform feeder self-healing and optimization functions. For more information, visit [www.rtscada.com](http://www.rtscada.com).

### **About Silver Spring Networks**

Silver Spring Networks creates the critical networking infrastructure for the Smart Grid, known as a Smart Energy Network. Based on the Internet Protocol (IP) suite, it addresses the challenges of running multiple applications and devices on a common networking infrastructure using multiple transport technologies, dramatically improving efficiency, lowering costs and ensuring the reliable delivery of services. This smarter, more efficient grid could cut the growth rate of worldwide energy consumption by more than half over the next 15 years and drastically reduce carbon emissions. Silver Spring Networks was named a Technology Pioneer at the 2008 World Economic Forum in Davos, Switzerland, was named to the 2008 Red Herring 100, 2008 Global 250 and was a recipient of the GoingGreen and Brilliant Innovation Awards in 2007. For additional information, visit [www.silverspringnetworks.com](http://www.silverspringnetworks.com).

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