



### **GE Launches Smallworld™ Physical Resource Assignment Solution**

*Automated Assignment of Physical Paths to Support Service Requests*

CAMBRIDGE, UNITED KINGDOM—April 28, 2011—GE (NYSE: GE) announced today the Smallworld Physical Resource Assignment solution—GE's next step to strengthening the value of Smallworld solutions for customers operating in the new telecommunications industry landscape. An integral part of GE's Smallworld Network Inventory portfolio, the Smallworld Physical Resource Assignment solution takes a customer service request and assigns the required physical resources needed to support that request. This enables network operators to increase 'first-time turn up' of service, reduce cost of installation failures and improve quality of service.

"In order to realize the vision of a next generation network, service providers need to focus on two vital business processes—network engineering and service fulfilment," said John Turner, product line leader for Smallworld Communications Solutions—digital energy for GE Energy Services. "Both are underpinned by the need for accurate network inventory to support customer demand and ensure new services can be provisioned in a cost-effective manner. GE's Smallworld Physical Resource Assignment solution fully automates the physical path assignment that is the bridge between these two critical business processes."

The Smallworld Physical Resource Assignment solution provides a fully connected physical network; reduces the number of installation truck rolls required and delivers more accurate provisioning. Utilizing the TM Forum MTOSI standard, the Smallworld Physical Resource Assignment solution provides an API which allows service requests to be received and processed. GE's Smallworld Physical Resource Assignment solution is built on a J2EE application server using an Oracle database to provide the performance and scalability that Tier 1 telecommunications need from such a solution.

This new software product enables users of GE's Smallworld Physical Network Inventory solution to fully automate physical path assignment. All the relevant physical network resources are assigned to a service request—whether the service request is from within an operator's own business or from a third party provider. When a request is received, Smallworld Physical Resource Assignment identifies the customer location and then determines the physical path upstream from that point back to a main serving location, which could be a street cabinet or a central office. GE's Smallworld Physical Resource Assignment builds all the necessary network connections (i.e. jumpers, cross-connects, splitter connections, etc.) to construct the physical path. This path and the details of the work required to activate the path are then returned to the requesting system for further action.

For more information on GE's Smallworld Physical Resource Assignment and related solutions, please visit [www.gedigitalenergy.com](http://www.gedigitalenergy.com).

## About GE

GE (NYSE: GE) is an advanced technology, services and finance company taking on the world's toughest challenges. Dedicated to innovation in energy, health, transportation and infrastructure, GE operates in more than 100 countries and employs about 300,000 people worldwide. For more information, visit the company's Web site at [www.ge.com](http://www.ge.com).

GE also serves the energy sector by providing technology and service solutions that are based on a commitment to quality and innovation. The company continues to invest in new technology solutions and grow through strategic acquisitions to strengthen its local presence and better serve customers around the world. The businesses that comprise GE Energy [www.ge.com/energy](http://www.ge.com/energy)—GE Power & Water, GE Energy Services and GE Oil & Gas—work together with more than 90,000 global employees and 2010 revenues of \$38 billion, to provide integrated product and service solutions in all areas of the energy industry including coal, oil, natural gas and nuclear energy; renewable resources such as water, wind, solar and biogas; as well as other alternative fuels and new grid modernization technologies to meet 21<sup>st</sup> century energy needs.

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