

## **Eka Systems and Murmansk Energo to deploy large scale Wireless Mesh AMR/AMI Solution**

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**Germantown, Maryland, and Murmansk, Russia, October 11, 2006**

**Following the success of Eka's mesh AMI mesh network deployment in St.**

**Petersburg**, Eka Systems, Inc. announced the deployment of a large scale residential wireless-mesh automatic meter-reading (AMR) system of 11,000 meters in Murmansk. Eka Systems, Data Transfer – the systems integrator and Murmansk City Grid Company are combining Eka's reliable two-way EkaNet™ Wireless Mesh AMR system with Data Transfer's backend software for billing, load-research and other applications.

The EkaNet™ Wireless Mesh AMR System is a true mesh network that provides reliable two-way near real-time data transport solution. When combined with Data Transfer's software package – utilities throughout Russia have a robust end-to-end AMR solution to meet the growing needs for advanced metering. EkaNet™ Wireless AMR system has demonstrated its reliability and robustness by meeting the demanding requirements and tests conducted by Lenenergo – the electric utility in St. Petersburg, Russia.

EkaNet™ is a patented true wireless-mesh technology without the limitations associated with controlled and managed “mesh-like” systems. With EkaNet™, meter nodes respond to their dynamic wireless environment to intelligently route data without hard limitations on the number of hops or meter nodes per gateway. A true mesh network with complete self-configuration technology, EkaNet™ provides the ability to create large-scale AMR systems with low operating costs. EkaNet™ also comes with installation and field tools for rapid deployment.

“The success of the deployment in St. Petersburg made it an easy decision for us,” said Sergein Gabrielyan, Managing Director of Murmask City Grid Company. “Interval data is available as soon as the meters are turned on and Lenenergo has thoroughly tested the system to its limits by trying to break the network. We are impressed with how robust the network is”.

With the EkaNet™ two-way wireless mesh network, utilities get a robust data-acquisition head-end system that is flexible and feature-rich, along with an enterprise-scalable meter data management platform to store, secure and share data across the entire organization and with clients.

### **About Eka Systems, Inc.**

Eka Systems is a leader in wireless mesh AMR solutions for utilities and energy service providers. Eka's innovative mesh networking technology, EkaNet™, is the most advanced and feature-rich networking platform on the market today. Applications include utility-scale advanced meter-reading systems and energy-management systems.

### **For More Information**

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