



## **Eka Systems and TASNET bring Wireless Mesh solution for Substation Integration of Intelligent Electronic Devices**

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**Germantown, Maryland November 27th, 2006**

Eka Systems, Inc. announced that it is offering a fast access, low latency wireless-mesh solution for substation integration of intelligent electronic devices (IEDs). The EkaNet™ Wireless Mesh System is a true mesh network that provides a reliable two-way near real-time data transport solution. The EkaNet™ platform is a patented wireless-mesh technology without the limitations associated with controlled and managed “mesh-like” systems. With EkaNet™, IED end points respond to the dynamic wireless environment to intelligently route data without compromising on the polling or access speeds necessary in a substation.

A true mesh network with complete self-configuration technology, where all nodes have multiple channels available for communicating, EkaNet™ provides the ability to create low latency networks with low operating costs. EkaNet™ also comes with installation and field tools for rapid deployment.

“Tasnet is unique because of its rich software library of IED and SCADA/EMS interface drivers that can be ported to embedded devices. The combination of Eka’s network and Tasnet’s application libraries provides a powerful solution for substation integration”, said M.B. Anand, Chief Technical Officer, Eka systems Inc. The IED interface software resides on EKA wireless nodes and is portable to multiple PLC and PC platforms. We provide support for most IED models from most vendors and most SCADA/EMS systems and also provide the translation between IED native protocol and substation network protocol. The node buffers IED data to support historical data archiving and performs calculations, time stamping, and logic control. The IED time is synchronized with other network elements. In addition, there is automatic device recognition and multiple security layers. “Many utilities have been looking for such a solution for a long time and Eka Systems is the first to come up with a truly workable solution,” said Peter Gregory, President, Tasnet Inc. The pre-eminent feature of this solution is the ability to set up a network of IEDs with minimal configuration effort; thus greatly reducing the time for deployment, upgrade and maintenance, resulting in a huge cost saver for utilities”.

### **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 substation integration systems.

**For More Information**  
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