



Utility and Power Grid Monitoring Platform

A major Midwestern utilities provider decided to transition from commercial PC's to industrial hardware for a flow monitor network. Industrial platforms replaced traditional desktops currently deployed and allowed the company to have greater configuration control to manage critical infrastructure. Redundancy and serviceability of the systems components (power supplies, fans, system monitoring) also supported the move to rackmount platforms.

Diversified's engineering group defined a 4U **TrexSys-4**, reduced footprint, rackmount chassis with a **LBC9216** single board computer utilizing the Intel® Pentium® 4 processor. Key to the system was DTI's custom SNMP (Simple Network Management Protocol) agent that allows the system to report power via the network. Thus, an off-the-shelf hardware solution with the custom Windows based SNMP application allows the utility company an advanced node in the utility grid network.

<http://www.dtims.com/products/pci/trexsys4.html>

<http://www.dtims.com/products/pci/lbc9216.html>

