



Packet Digital LLC has signed a \$5.3 million contract with the DMEA (Defense Microelectronics Activity) to improve battery life in wireless devices.

Fargo, North Dakota, 12/01/06

Packet Digital LLC has signed a \$5.3 million contract with the DMEA to refine its “On-Demand Power” technology, which could dramatically increase the life of any military system that is powered by batteries. The technology would allow soldiers to carry only one-half to one-fifth the amount of batteries they now require.

“On-Demand Power” measures the power needed by a wireless device at any given time, and regulates the power supplied to match the demand. This dynamic control maximizes efficiencies during all modes of operation, automatically adjusting to meet the changing application demands.

“On-Demand Power” is comprised of two separate product families, PowerSage, a dynamic power manager, and PowerSoft, a transient power manager. The application of PowerSage and PowerSoft is targeting a 50% reduction of energy use – removing as much as 15 pounds of payload for a soldier on a typical mission. Packet Digital has applied On-Demand Power technologies to current designs of wireless sensors, improving the mission life by 3x.

This research scales to other systems, from man-portable electronics to power supplies. Packet Digital is targeting 20% to 50% energy reduction in full implementation with PowerSage and PowerSoft.

About Packet Digital LLC

Packet Digital LLC is an innovator in the design and development of advanced power management, smart radio frequency identification (RFID), and wireless solutions. We focus on utilizing our intellectual property to create solutions that match specific customer needs.