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Collaboration aiming for full connectivity for PV systems

Digi International and SolarEdge have announced a collaboration on full connectivity solutions for photovoltaic (PV) systems, including data harvesting from revenue grade power meters, PV inverter mesh networking and future interaction with the smart grid.

Digi International's range of wireless connectivity solutions enables SolarEdge to improve the retrieval of inverter and panel performance data from PV systems. Among the solutions that are now available, SolarEdge is using Digi's XBee-PRO to provide a solar inverter with embedded ZigBee connectivity. SolarEdge continuously collects data from each solar panel and transmits it without added communication wires from panels to inverters. This solution, providing wireless network and remote connectivity between solar inverters, allows simple access to high resolution, performance monitoring data.