



DC Systems announces high-performance SecureRIG™ solution Delivers rugged reliability for all types of power generators

Pleasanton, Calif., August 3, 2011 – The fully certified, latest generation SecureRIG™ RIG/DPG solution from DC Systems brings new levels of reliability, flexibility, and performance to power generators seeking to provide energy through the California Independent System Operator (CAISO), other ISOs, and regional transmission organizations (RTOs). The new SecureRIG solution combines DC Systems' industry-leading RTRIG™ software with a ruggedized hardware platform designed to tolerate temperature extremes, wind, dirt, vibration, and other stressors common in industrial environments. The system is suitable for power generators of all types—solar, wind, hydro, geothermal, biomass, and traditional gas turbine.

Proven software, rugged hardware

“With the SecureRIG solution, power generators and cogeneration facilities gain the advantages of RTRIG software, part of the robust DC Systems RTscada™ architecture that major utilities around the world have come to rely on,” says Douglass Campbell, DC Systems President and Chief Executive Officer. The SecureRIG solution can acquire and concentrate telemetry data from multiple sources—including remote terminal units (RTUs), PLCs, meters, generation controllers, and plant control systems—and support both serial and TCP/IP connections and industry-standard protocols such as DNP and Modbus. The platform includes Secure Sockets Layer (SSL) technology for added RIG security.

“The SecureRIG system is a complete, turnkey solution with a host of available services, including design, installation, metering, and full certification,” adds Campbell. Additional options include system redundancy, certificate management, remote diagnostics, maintenance, event notification, and training.

Equipped with a high-performance Intel processor and solid-state flash technology, the SecureRIG platform has no fans, spinning disk drives, or other moving parts—resulting in significantly improved reliability in the harsh environments often present in utility applications. The industrial-grade platform is designed to IEC 61850-3 specifications, has a temperature range of -20 to 70 degrees (C), and is suitable for rack-mount or standalone installations.

Optional metering solutions available with the SecureRIG system can include full-scale deployment; meter programming, calibration, and testing; certification and plant inspection; and maintenance.

The highly flexible SecureRIG solution can be configured in multiple ways to suit the unique needs of each application. DC Systems works closely with customers to design and deliver the optimal SecureRIG solution for every installation.

About DC Systems

DC Systems is a leading developer of Smart Grid solutions for utilities and large energy users. Founded in 1990, the company is a worldwide supplier of real-time data management solutions, including SCADA, distribution automation, and RIG/DPG platforms. DC Systems' complete family of RTscada products puts intelligence where it is needed—in substations, control centers, and power generation facilities—while centralizing configuration, administration, and monitoring at the enterprise level.

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