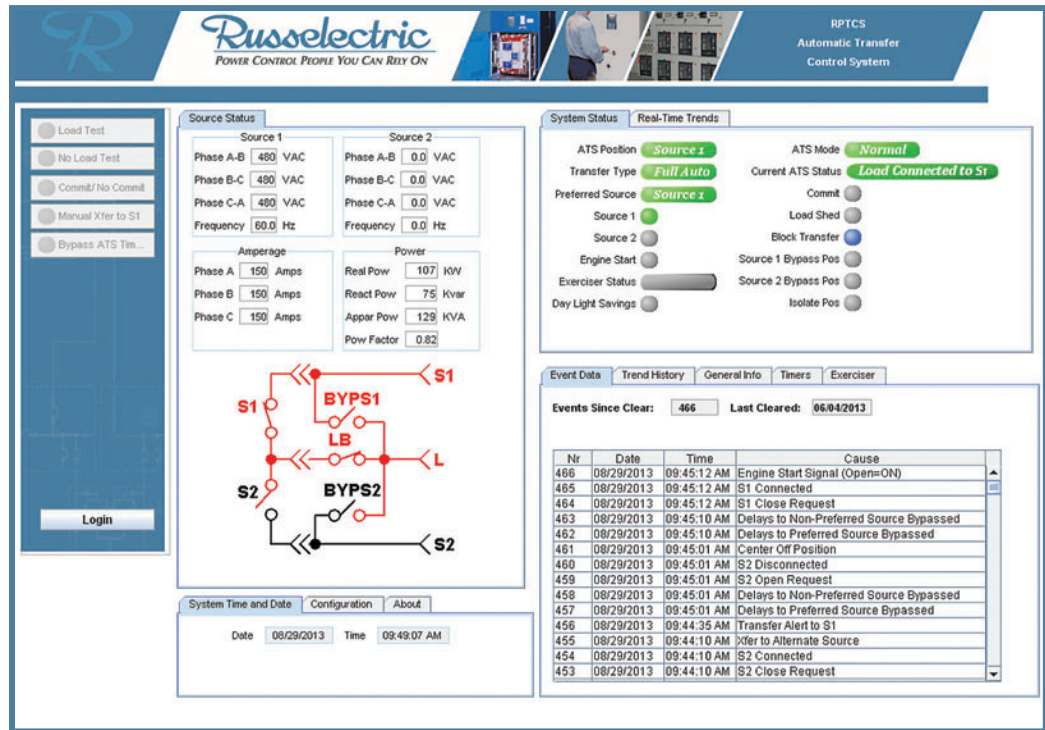


Web Server Communications Gateway

DTWG



Russelectric
POWER CONTROL PEOPLE YOU CAN RELY ON



Access ATS Information in Real-Time from Any Web-Enabled Device

Available for use with the Russelectric RPTCS transfer control system, the DTWG provides access to real-time and historical status and performance data — ATS and source status, ATS configuration, trends, and event logs — from a PC, smartphone, tablet, or any web-enabled device running Java.

Check the Status of Any Russelectric ATS Remotely

With the Russelectric DTWG web gateway, users can view real-time ATS performance data for both normal and emergency sources from anywhere inside or outside a facility. From a web-enabled device, authorized personnel can access metered voltage (phase-to-phase); frequency; percent of unbalanced current; percent of unbalanced voltage; accumulated energy (KWH, KVAH, and KVARH); per-phase and 3-phase totals for real power (KW), apparent power (KVA), reactive power (KVAR), and power factor.

This information as well as ATS, engine, and exerciser status, event logs, and historical trending, are all displayed on a user-friendly dashboard that can be accessed remotely — anytime, day or night.

Receive E-Mail Alerts of Power Problems

The DTWG can provide e-mail alerts of power issues to assist personnel in correcting these problems and better managing power usage.

Review Event Logs to Diagnose Power Problems

By remotely reviewing events that took place prior to a power problem, facilities personnel can more quickly and accurately identify the nature and cause of the problem and institute procedures to prevent future occurrences.

Create Schedules and Exercise ATS Remotely

Through the DTWG gateway, users can establish regular schedules to exercise equipment or initiate these exercises manually from a remote location.

Download Up to 30 Days of Data for Historical and Trend Analysis

The DTWG stores 30 days of historical data which can be easily downloaded to analyze power usage and trends, power reliability, and power quality of the monitored facility load.

This data can be used to identify historical and real-time trends in energy usage as well as opportunities for energy cost savings. In many cases, this power data will offer enough detail

to allow analysis by workshift, enabling both macro and micro power usage recommendations.

Supports All Major Fieldbus Networks

As standard, the Russelectric DTWG gateway supports Modbus-RTU through its serial ports. It can serve as a Modbus master and/or Modbus slave.

With field-installable option modules, Russelectric can configure the DTWG for connectivity to the following networks:

- Profibus
- CANopen
- EtherNet/IP
- Profinet-IO
- ControlNet
- DeviceNet
- EtherCat
- Modbus-TCP
- Modbus-RTU

Serves as a Gateway to SCADA or Building Automation Systems

The Russelectric DTWG is designed to serve as a pass-through gateway, providing access to the ATS not only through the web, but through SCADA or building automation systems as well.