Cellular Access of SCADA Screens

Company Profile

This customer has diverse capabilities related to the design and fabrication of electromechanical products and equipment.

Challenge

A manufacturer of pump skids had a customer that wanted the ability to view their SCADA screens remotely through a cellular connection. The skids are controlled by Emerson's RX3i PLC and Cimplicity SCADA software. The end user requires strict adherence to cyber security principles for any public connection.

Solution

Rawson/Industrial Controls provided a cyber secure VPN gateway with cellular connection that is third-party certified to meet cyber security standards. A completely documented control system was provided, shop tested, and field commissioned.

Using GE Cimplicity's Webspace add-in, the manufacturer created screens for remote viewing that allowed the end user to monitor their pump skids and receive alarms as needed for maintenance.

Results

Rawson/Industrial Controls supported the OEM's integration of the automation and cyber secure remote access equipment into their system. Rawson/Industrial Controls engineering team is available to our customers with the goal of enabling them to craft a solution that they can then own and maintain in the future.