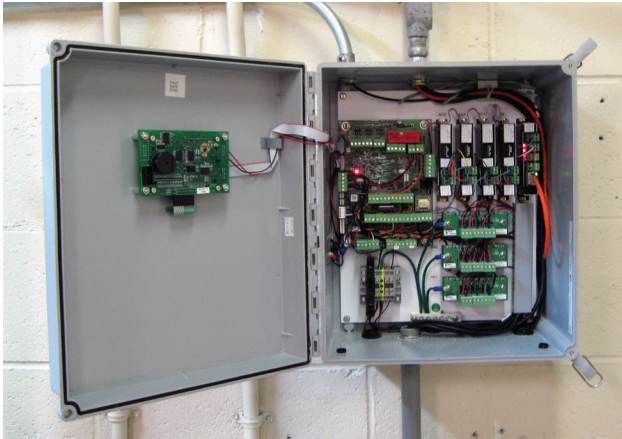




Eagle Research Corporation® is dedicated to meeting the needs of the water/wastewater industry by providing quality products and professional services. Eagle Research is uniquely positioned as a complete turnkey provider of SCADA solutions, and are widely recognized in the industry as a premier manufacturer of Remote Terminal Units (RTUs) and integrated telemetry systems.

Water Industry

- **Tank RTU:** Monitor up to 3 Tank Levels
- **Booster Pumps RTU:** Monitor/Control up to 3 pumps with remote Tank level



Complete Automation From Field to Front Office



Wastewater Industry

- **Lift Station RTU:** Monitor and control up to 4 pumps for a lift station with control panel
- **Retrofit - Lift Station RTU:** Telemetry retrofit to existing lift station

Filter Controller

- Monitor/Control
- Filter Level
- Influent Valve
- Effluent Valve
- Surface Wash Valve
- Backwash Valve
- Filter-to-Water Valve
- Influent/Backwash Rate

Plant Automation RTUs

- Signal Interface
- Rate Controller
- Chemical Feed
- Raw Water Pump
- HS Pump



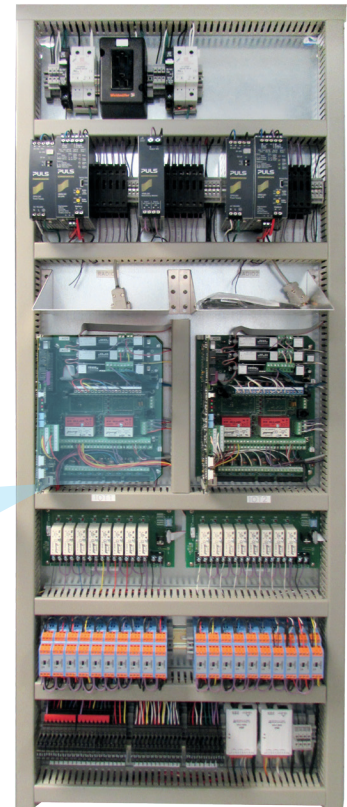
The Talon™ Family of software provides SCADA solutions for water plant automation, water distribution, and wastewater systems. The field RTU equipment for Tanks, Booster Pumps or Lift Stations consists of Eagle Research's processor board, keypad and display, as well as a power supply, 12 to 24 volt DC to DC converter for transmitter power, fuses, battery, optical isolation modules for digital connections, surge protection, and communication equipment. The RTUs are available in fiberglass, polycarbonate, or metal enclosures, depending on your application.

The Remote Terminal Unit is an intelligent, compact, rugged, and reliable industrial computer designed for real-time remote data acquisition and control applications.

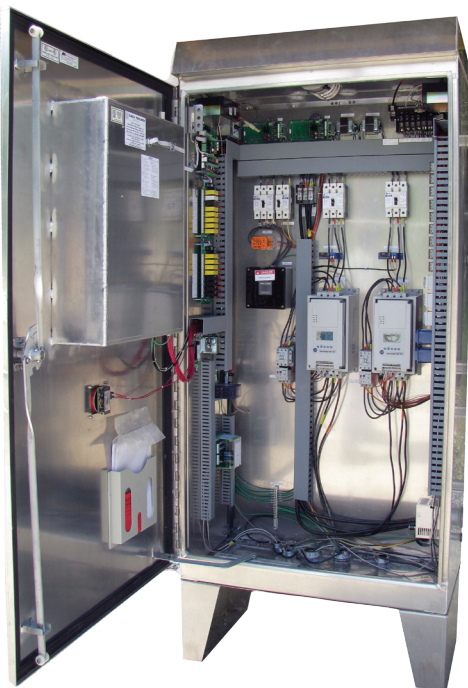
CUSTOM PANELS



Recognizing that the needs of our customers may sometimes require more than our standard product offerings, UL certified panels are available for design to aide in meeting these needs. This permits working with the customer from conception through installation and start up to insure that all requirements are met. Flexible RTU programming using a database process concept of configurations can address even the most sophisticated applications. Use of the expanded architecture of the XA32/5™ or E-Series™ processor platforms provides the ability to terminate numerous analog and digital I/O points in a single location for processing. The keypad and display allows the customer to easily and quickly update configuration and other set-point information locally at the RTU.



Optional Redundancy Available



Monitoring and control of various systems requires interfacing with a wide variety of equipment and ancillary systems. A properly designed panel such as the one pictured to the left provides an interface for multiple types of on-site equipment such as pumps, motors, valves and other hardware. Custom touch screen interfaces allow the user to configure and operate local equipment as well as HMI Screens depicting the processes in operation. Remote communications using a wide variety of media such as telephone modems, cellular, radio, and even satellite, can be designed into the enclosure for remote monitoring and control of the site. Programming of the RTU makes use of Eagle Research's highly customizable process programming concept. Drawing from a library of over 90 individual process modules, almost any measurement or control application can be configured. Customized user screens can be built that permit operators to tailor information and alarm events to suit specific application needs using the Talon™ Family of software solutions.

Making use of the E-Series™ and XA32/5™ processor assemblies offers customers a solid, reliable and proven hardware platform to develop applications.