Since 1986, Industrial Control Links has been committed to designing and building the very best controllers serving the SCADA market.

Industrial Control Links is the leading pioneer of Web SCADA technology. This technology uses commonly available browsers on a variety of platforms to support all of the configuration and operation of a SCADA system. We eliminate the cost, complexities, and maintenance issues associated with dedicated software applications.

SCADAFLEX II is our latest generation of packaged Web SCADA controllers that deliver complete SCADA systems at the lowest possible cost.

SCADAFLEX II
Web SCADA Controllers and Wireless Remote I/O
Web Technology at work for you

MORE FUNCTIONALITY FOR LESS, WITHOUT MAINTENANCE AND SERVICE FEES.

Scadaflex II controllers utilize the latest web technology. There’s no software to buy or install. Just log in with your favorite browser and go! Windows, Apple, desktops, laptops, tablets or smart phones; all work with Scadaflex. Scadaflex II controllers can operate as singular standalone devices, or larger system configurations with wired and wireless I/O expansion.

With Scadaflex II, everything is included. There’s no mysterious remote hosting services “in the cloud” to pay for. Other than monthly carrier fees if you choose to use cellular, there are no ongoing recurring charges or maintenance fees. Technical support and updates are also free.

Packaged solution for all of your SCADA needs

A NEMA 4X PACKAGED COMPLETE SCADA SOLUTION WITH ALL SCADA FUNCTIONS INCLUDED AT NO EXTRA COST.

PRECISION ANALOG AND DIGITAL I/O
High-resolution protected analog inputs ensure accurate readings while rejecting transients, surges, and ground loops. In addition to it’s local I/O, Scadaflex II also supports battery powered and wireless remote I/O.

COMMUNICATIONS
Scadaflex II controllers include Ethernet and a serial port. Modbus (RTU and TCP/IP), as well as Allen Bradley and GE PLC communications are supported.

BUILT-IN WIRELESS OPTIONS
Scadaflex II controllers support two optional internal wireless devices; a 1/4W 900MHz meshing radio, and a cellular modem. The meshing radio can be used to communicate peer-to-peer between controllers, as well as to access available wireless I/O modules. The cellular modem supports the major domestic and international carriers with both data and text messaging operation.

HISTORICAL TRENDING AND EVENT LOGGING
Each module has a solid state flash disk, as well as a micro SD memory card slot. Record over 100 years of data! Retrieve and display historical data with the built-in web tools, and download or automatically transfer them as standard spreadsheet files to your computer.

REPORTING
Reports can be created in minutes with live values, production totals, trend and event data, alarm summaries, etc. Customize reports with your own logos and graphics. Call up reports on demand, or have them automatically e-mailed to you or transferred to a “Host” server.

GRAPHICAL, MOBILE, AND LOCAL HMIs
Configurable graphical web and mobile device interfaces are built into every unit. An optional local display can also be ordered and customized to show live process values and states, and to make setting changes.

ALARming
A Scadaflex II system can manage hundreds of alarms, annunciating them by text message, e-mail, and simple contact closures. A journal file is maintained, recording when alarms have occurred, when they were acknowledged, by whom, and when the alarm conditions cleared.

PROGRAMMABLE LOGIC
Each Scadaflex II controller supports programmable logic; any mix of ladder logic, function block and text languages. Programmable logic can be used for anything that can’t be done with the built-in fill-in-the-forms web pages.

PID AND PUMP CONTROL
Since SCADA systems frequently utilize Proportional, Integral and Derivative (PID) and pump control, Scadaflex II controllers support two internal PID loops and a triplex Pump Controller (float or level control with alternation).

BUILT-IN BATTERY BACKUP OPTION
Scadaflex II controllers can be ordered with an internal lithium battery backup option that provides up to 4 hours of power during an external power failure. Analog loop/device power can be supplied by the controller so that even the sensors can continue to function during a power outage.
SCADAFLEX II MODULES HAVE . . .

- PRECISION ANALOG AND DIGITAL I/O
- ETHERNET AND SERIAL COMMUNICATIONS
- BUILT-IN WIRELESS OPTIONS
- HISTORICAL TRENDING
- EVENT LOGGING
- REPORTING
- GRAPHICAL, MOBILE AND LOCAL HMIS
- ALARMING
- PROGRAMMABLE LOGIC
- PID AND PUMP CONTROL
- BUILT-IN BATTERY BACKUP OPTION

INDUSTRIAL HARDENED

Scadaflex II controllers and remote I/O are rated for continuous operation over a -40°C (-40°F) to +70°C (+158°F) extended temperature range. All internal connectors are gold plated, and circuit boards and components are conformal coated to resist corrosive environments. All Scadaflex II controllers and wireless remote I/O are backed by an industry leading 3-year factory warranty.

Scadaflex II meshing wireless I/O modules extend the I/O capacity of Scadaflex II controllers spanning several miles. One of these modules, an extremely low power unit, can run itself and off-the-shelf sensors for up to 5 years with a single “D” cell lithium battery!

FRONT PANEL HMI

Scadaflex II controllers are available with a built-in HMI display for local configuration, as well as I/O and status display. It is also easily customized to display any internal values and to make setting changes.
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Ask about **Modulus** Web SCADA Controllers, flexible modular SCADA solutions.

Represented by: