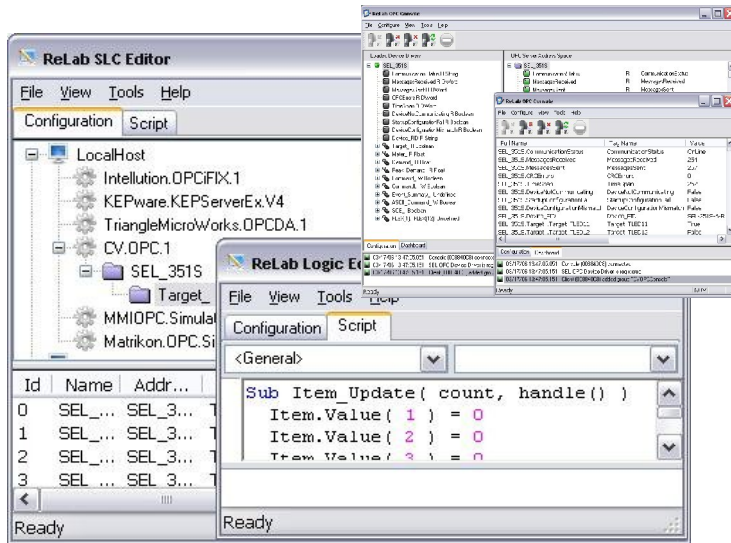




# ReLab Software Logic Controller is powerful \* simple \* flexible \* reliable & interoperable



## ReLab Software Logic Controller (RLSLC)

Windows based software product that turns your computer into a fully functioning logic controller.

It doesn't require special operating system add-ons or dedicated hardware components.

Fully interoperable and works with all OPC Servers

ReLab Software Logic Controller effectively replaces microprocessor based PLC/IED controllers to overcome their functional limitations. The RLSLC components include: Run Time Engine for executing logic similar to a traditional microprocessor based controller and configuration console with sophisticated script editor and OPC items configuration tool. The RLSLC reads all input devices, executes the logic and outputs calculated values in a time window as small as 10 milliseconds.

### Sample Applications for RLSLC

- ⇒ Protocol Conversion
  - Any OPC master protocol to MODBUS and IEC-60870 slave
  - Any OPC master protocol to any OPC master protocol
- ⇒ Synchrophasor Implementation
  - PMU phase alignment (timestamp) - PDC functionality
  - Complex Phasor algorithm calculations
  - Alarm notification
- ⇒ Supervisory Control
  - Complex Logic
  - Interfaces to historical data
  - Control execution
- ⇒ Database and File Generation
  - ODBC compliant data bases, 5000 records/second
  - ASCII files (any format) based on real-time data

Unlimited tags—Unlimited functionality!

ReLab Software Logic Controller



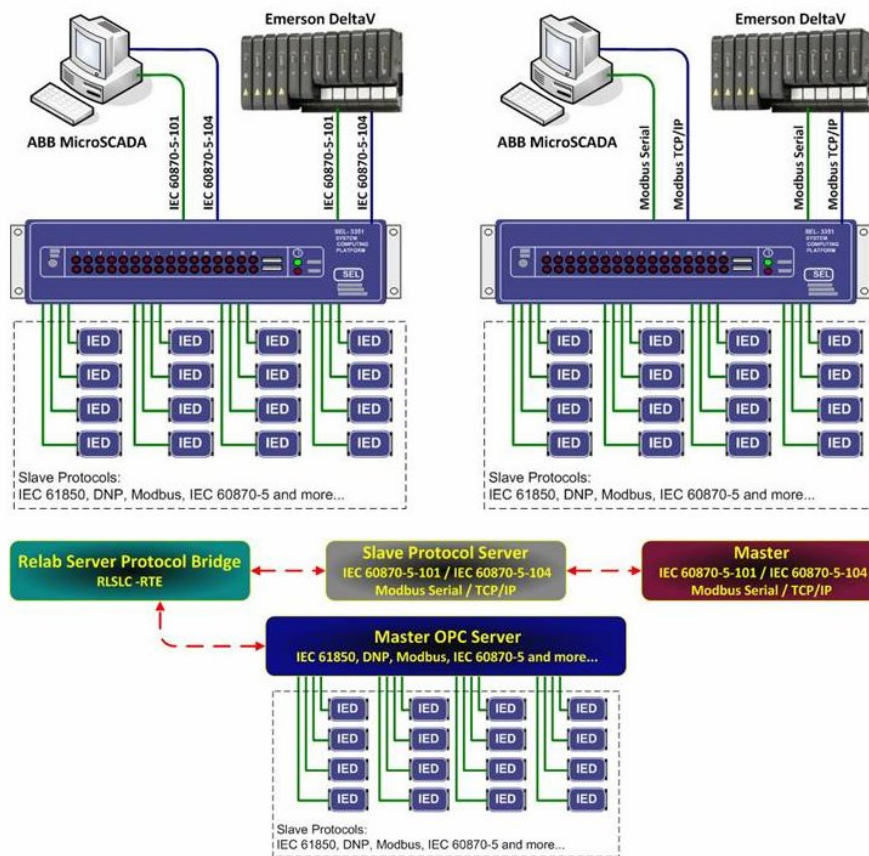
ReLab Software Logic Controller  
is powerful \* simple \* flexible \* reliable  
& interoperable

## Scalable \* Reliable \* Economical

- ⇒ Supports virtually unlimited number of OPC Servers
- ⇒ Works with multi-vendor equipment
- ⇒ Has extremely high performance
- ⇒ Is robust and scalable
- ⇒ Makes it easy to establish and maintain supervisory control over a large number of micro-processor-based devices
- ⇒ Provides a perfect way for OEMs and system integrators to utilize standard tools to implement their systems
- ⇒ Simplifies integration of new components with enhanced capabilities to your existing Business Systems: Example — integration of IEC-61850 devices with SCADA systems based on MODBUS or DNP3

ReLab Software Logic Controller

Unlimited tags—Unlimited functionality!



Download a demo version from our web site at [www.relabsoft.com](http://www.relabsoft.com)

ReLab Software LLC — [www.relabsoft.com](http://www.relabsoft.com), [www.clearcontrols.com](http://www.clearcontrols.com)

[contact@relabsoft.com](mailto:contact@relabsoft.com) (925) 262-4244

Amplify Your strength with our Industrial Strength Software