

ClearView-SCADA



ClearView-SCADA Benefits



ReLab Software's ClearView SCADA is a true out-of-the-box solution with all the components necessary for deployment in substation automation as well as control room applications. ClearView is built for the time critical applications of utility and industrial power customers.

- ClearView is designed for:
 - Ease-of-Use
 - Reliability
 - Interoperability
 - Scalability (unlimited tags)
 - Low cost-of-ownership
 - Fast return-on-investment

ClearView is based on client - server architecture. A single client can be used with multiple servers and a single server can support multiple clients. All installations simultaneously support development and run-time operations. Out-of-the-Box ClearView includes graphics editor, trending, alarm, reports, MS Access and MSDE Databases, historian (integrates with all ODBC compliant database applications) and a large object library.

ClearView is designed for users with limited programming experience, to make it easier to use for a broad range of customers. In addition to the design of the objects for ease-of-use a customer can utilize scripting to develop a customized application though this is not required. ClearView has design-on-the-fly capability; one screen can be modified, while the rest of the screens and the server are operational. Once a screen has been modified it can be updated while the server and other screens are running. No hassle of having a separate development environment and then porting of the new screens to the run-time systems.

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The same ClearView package is used for both the substation SCADA and the Control Room SCADA.

ClearView was designed by engineers for engineers. A computer programming background is not required to build an SCADA and load the tag database. Reliability is a key component of ClearView-SCADA architecture and for all ReLab products. Minimal CPU and memory requirements are the key benefits of the design and functionality of ClearView. By focusing the product on minimal CPU usage ClearView increases the reliability of the system; CPU overloads are the major reasons for system crashes. ReLab has systems running in the field that have operated for more than 10 years without a system crash related to ClearView-SCADA operation.

Interoperability is the key feature of ReLab's products with the goal of supporting best-of-breed system that requires components, software and hardware, from multiple manufactures. ReLab's products will interface with all OPC compliant applications. Additionally ClearView can be set up to interface with any ODBC compliant database. These features make ReLab's products highly interoperable and ideal for any best of breed configuration.

ClearView provides financial benefits in addition to the broad range of functionality. Low cost-of-ownership is a key feature. Support can be purchased on an as needed basis. Typically customers are self-sufficient and after receiving ReLab's on-site training can work independently. ReLab provides a lifetime warranty for all products as long as the environment has not been changed. With these features the customer can upgrade products based on enhancements added over time and is protected with a lifetime warranty.

ClearView provides a fast return-on-investment. The cost of ClearView is typically recovered by the reduction of integration/programming time required with other SCADA packages. This is a true measure of the ease-of-use features of ClearView.

The low cost-of-ownership, fast return-on-investment and rich features combined with the ease-of-use design make ClearView an optimal solution for small as well as large utilities. Unlimited tags enable ClearView to meet your needs today as well as in the future with no additional cost for expansion.

ClearView has been implemented for a wide range of power applications from substation automation to regional/utility control room applications.

ClearView-SCADA Examples

