GRID AUTOMATION

If you know your past you can improve your future.
MicroSCADA Pro Historian
Gain complete understanding of your power process. With one click.

The modern electricity grid is a complex, intelligent mechanism that is indispensable to modern life.

Embedded sensors and intelligent devices provide grid operators with rivers of data, which ABB MicroSCADA Pro Historian’s data logging and reporting functionality now refines into valuable reports and analyses.

This advanced capability effortlessly collects, archives and enables the observer to visualize and analyze the primary process data.

ABB MicroSCADA Pro Historian is the tool that enables you to benefit from critical, accurate grid information. It is the way to understand what has happened, and what is happening in a power grid.
**User-friendliness** for the whole organization.

MicroSCADA Pro Historian organizes data in a simple and meaningful way; this can then be easily interpreted for use across numerous functions.

Real-time, central archiving and refinement of company data.

- **Customer service**
  Serve customers and interest groups with accurate and relevant information in a timely manner.

- **System maintenance & planning**
  Analyze power quality aspects, utilization rates and disturbance statistics for cost and power quality optimized maintenance and power system planning.

- **Trouble shooting & diagnosis**
  Check system details and cause-effect relationships for accurate problem corrections and risk mitigations.

- **Business planning**
  Make the best business plans and decisions based on accurate numbers and facts processed and visualized by the Historian.

- **Reporting**
  Refine data, format reports and publish to different stakeholders quickly and securely.

- **Owners**
  - Authorities
  - Interest groups
Extensive gathering of your power system data.

An accurate view of the primary process enables fact-based decision making. MicroSCADA Pro Historian collects and stores various types of data in a database designed to archive hundreds of thousands of values over long time periods in an accurate and reliable way.

Quickly extend your SCADA operation.

Quickly and easily installs into existing MicroSCADA Pro. Extend your current MicroSCADA Pro system with the Historian to start gathering your data and immediately benefit from the advanced analysis possibilities. The Historian can safely be connected to a running MicroSCADA Pro system without interruption to the operation.

Simple intuitive control of your complex data.

Intuitive, easy operation ensures full utilization of the capabilities. The flexibility of the user interface provides enterprise wide ease of use. Various needs from high level business summary to advanced equipment performance and detailed analysis of the electro-technical behavior are supported.

Drag and drop interface to compose the reports you need.

MicroSCADA Pro Historian makes measurements and trends visible and understandable. The advanced visualizations allows information to be presented in a clear way. Any user can easily compose new reports and layouts to adapt to every situation that emerges.
MicroSCADA Pro Historian optimizes your power process.

Cost and power efficiencies improve future performance. MicroSCADA Pro Historian is part of the MicroSCADA Pro range of products working together to simplify processes, and improve efficiency.

Select measurements into the graph and view the values over time. Pick the graph formats from the extensive list of alternatives in order to make the report informative and easy to read. Get a good insight in the power distribution of the different substation feeders as an example.

The time axis provides flexible means to change the time span from fractions of seconds to years. This allows you to get the big picture and instantly drill into details of some point in time of interest. In the graph example the user can monitor the power factor of the system to see how the automatic power quality control is working.

The power system produces a lot of data that can be turned into valuable information when logged and refined properly. This information is a valuable asset that brings benefits in terms of optimized investments, accurate problem analysis and safe utilization of the power system.

Configure your workplace quickly with a few mouse clicks in order to get a view of all related information. Combine lists, graphs, charts as you like for the best readability. Drag and drop variables to the graphs for instant analysis of dependencies and patterns.