



Developed using innovative technologies, e-Scada software offers complete control of SCADA systems through its fully customisable, powerful and user-friendly structure. With e-Scada, you can easily manage multiple systems under your control.

e-Scada is a customisable and easy-to-use software with superior features for remote monitoring, control and management. Tunnel electromechanical systems, tunnel earthing systems, point heating systems and power distribution systems installed along the railway line can be monitored and integrated with e-Scada. This data visualization and analysis tool provides remote secure control and rapid intervention to problems. It accurately and quickly transfers data from electronic devices to the user, allowing instant checks and the generation of alarms for faulty situations. Long-term data recording allows for historical data analysis and performance evaluation.



e-Scada Configuration

- The fastest and easiest way to create SCADA configurations
- Prepare all configurations in minutes with a single application.
- Ability to work in different databases
- Configuration testing and logging system

With e-SCADA Configuration Software

- Select the required database types for use in the SCADA application and configure the connection settings.
- The timers can be added or removed based on the time they are set to trigger.
- Adding and removing devices, editing protocols (Modbus TCP, Modbus RTU, IEC104, SNMP, and ICMP etc.), as well as configuring connection and timer settings.
- Edit the utilized tag information, establish tag groups, and enable the automatic addition of application tags.
- Create flexible pages suitable for various architectures, with SVG.
- Establish user groups and configure authorization settings.
- Optionally assign specific read and write permissions to each page.
- Verifying the settings prior to compilation and reporting any encountered errors.
- Establishing alarm types and modifying the conditions, acknowledgment, occurrence, and notification settings for the alarms to be triggered.
- Create customisable scripts based on requests.
- Create customized commands suitable for the system architecture.

E SCADA

RAIL SYTEMS REMOTE
MONITORING, MANAGEMENT
AND CONTROL SYSTEM



e-Scada provides users with easy access and ease of use, offering a wide range of functionality in one platform. With its scalable structure and simple configuration options, e-Scada allows users to be in complete control.

Features of e-SCADA

- Data types with specified limit values are analyzed, and alarms are generated and cleared.
- Users can customise alarms and tags to suit their needs with support for scripting languages.
- Alarms are colour-coded and generate both audio and visual notifications.
- The system monitoring page displays information regarding devices, tags, and alarms.
- The user tracking page enables monitoring of the specific page each logged-in user is currently accessing within the system.
- The replay mode provides a live visual display of stored data at a selected date and time interval.
- Through the alarms screen, each user can instantly share critical information with other users.
- Instant messages can be added, allowing users to leave messages on pages.
- Commands can be secured with the prompt option which has the custom messages to inform the following operators.
- The system ensures integrity and security, preventing any unauthorised intervention from disrupting operations.



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References: Ankara-Sivas High Speed Train Line (Kayaş-Yerköy Line Section), Gaziray Project