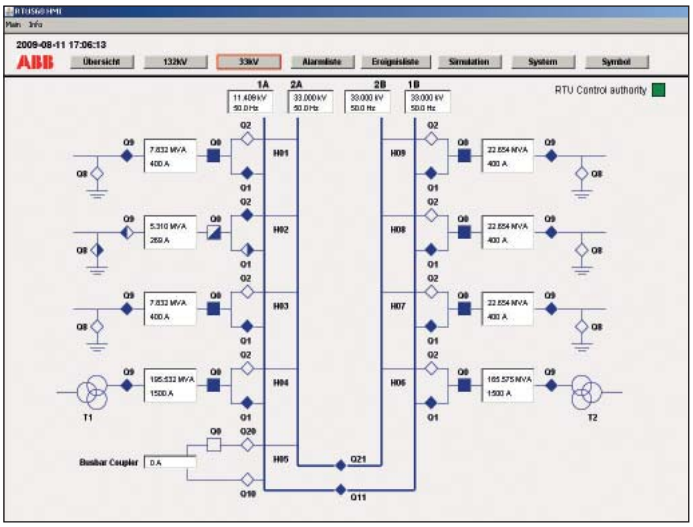
Product information

RTU560
Integrated Human Machine Interface

The integrated Human Machine Interface for monitoring and control.



Station monitoring and control

The integrated Human Machine Interface for monitoring and control offers various functions:

The integrated Human Machine Interface (web server based) is accessible local and remote. A wide range of diagnostics and maintenance functions are part of its features. To access only a web browser and Java is required.

Your benefits:

- Cost optimized monitoring and control
- Reduced interfaces through integrated solution
- Reduced engineering time
- Low life cycle costs through minimal hardware requirements for monitoring and control PC

Integrated Human Machine Interface

The integrated Human Machine Interface offers the following functions:

- Application specific screens with active monitoring and control elements
- Event list
- Alarm list
- System overview

The integrated Human Machine Interface reduces engineering time significantly. The easy adaptation and low hardware requirement for display ensure reduced life cycle costs. Therefore the integrated Human Machine Interface is an ideal solution for substation automation systems.

Station monitoring and control

- Monitoring and control of active elements
- Monitoring of analog values
- Command authority handling
- User and access management by passwords and user groups

System overview

- Monitoring of RTU560 system events
- Customized system overview
- Monitoring of RTU560 status messages and connected sub-RTUs
- Monitoring of status messages of connected IEDs

Event list

- Logging of events with
  - Event time
  - Object name and status
  - Object qualifier
  - Different colours for different event classes
- Power failure-proof event memory (flash memory)
- Sorting and filter functions
- All RTU560 data points can be marked for logging
- Uploading of event list for archiving and adaption

Alarm list

- Logging of alarms with
  - Alarm time
  - Object name and status
  - Alarm status
  - Class
- Up to 10 different alarm classes
- Acknowledgment of single alarms or alarm groups
- Configurable for acknowledged and non-acknowledged alarms

Engineering tool picture editor

- Editor to generate customer specific pictures with:
  - Static picture elements
  - Dynamic symbols
  - Picture import
  - Symbol library
- RTU560 data points selectable through drop-down menu
- Pre-engineered alarm and event lists
- Engineering fault prevention through internal consistency check with the RTU560 data points

Engineering tool symbol editor

- Design of project specific active symbols (pumping station, generators, valves etc.)
- Import of jpg and gif graphics
- Included in picture editor

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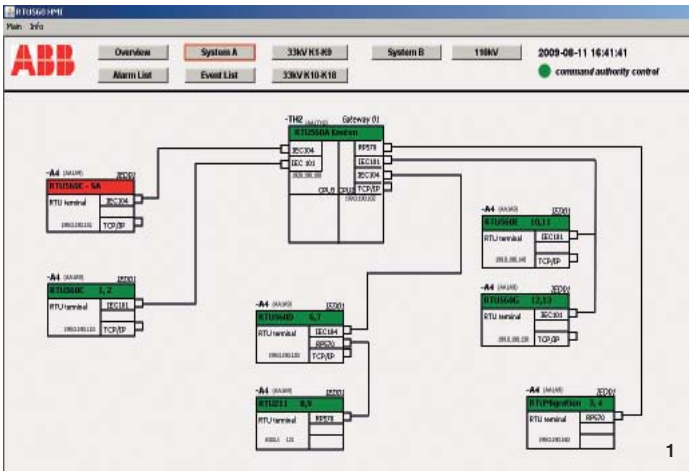

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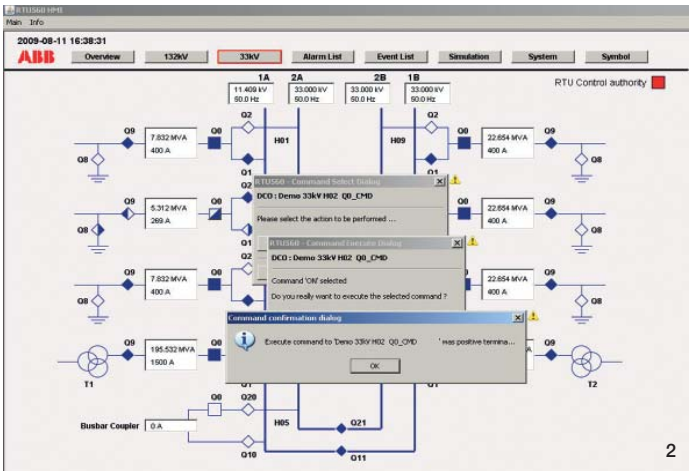

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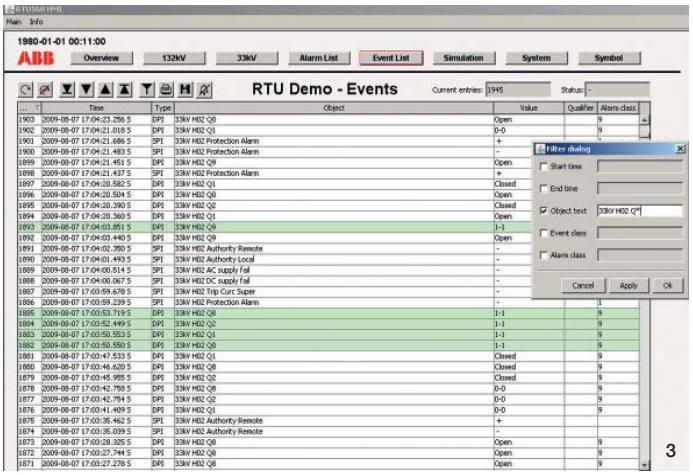

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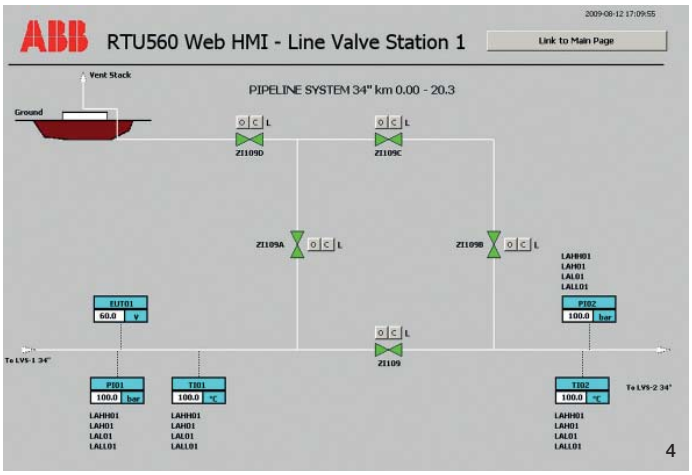

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1 System overview | 2 Control dialog | 3 Event list | 4 Example for non-electrical application

For more information please contact:

ABB AG
Power Systems Division
P.O. Box 10 03 51
68128 Mannheim, Germany
Phone: +49 621 381-3000
Fax: +49 621 381-7662
Email: rtu-sales-supprt@de.abb.com

www.abb.com/substationautomation

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