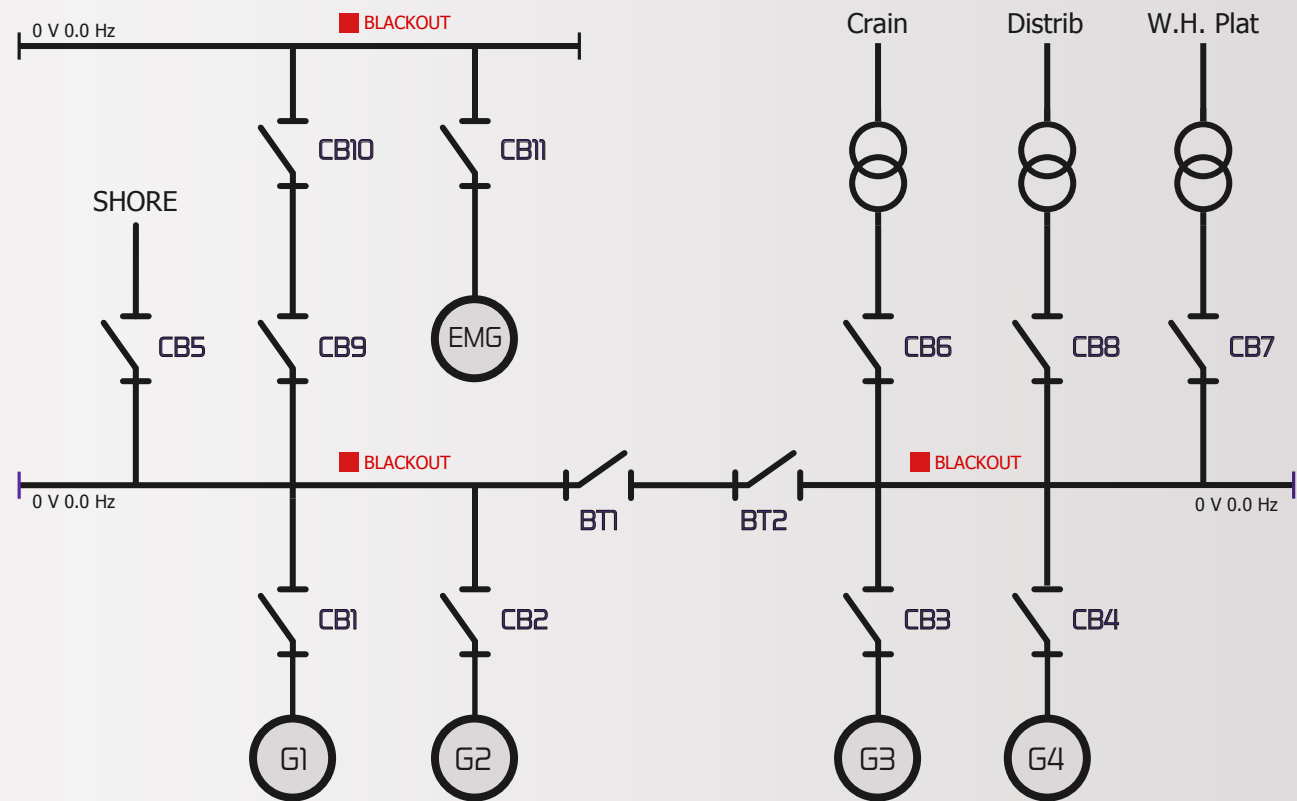




CoolAVR™

New 3rd party SCADA system for Basler DECS excitation control system



Vizualizing your world !

Description

CoolAVR™ is a 3rd party, lightweight, full scale customized SCADA system designed and developed for monitoring and controlling of digital excitation units (AVR) made by Basler Electric. For more information about products visit www.basler.com

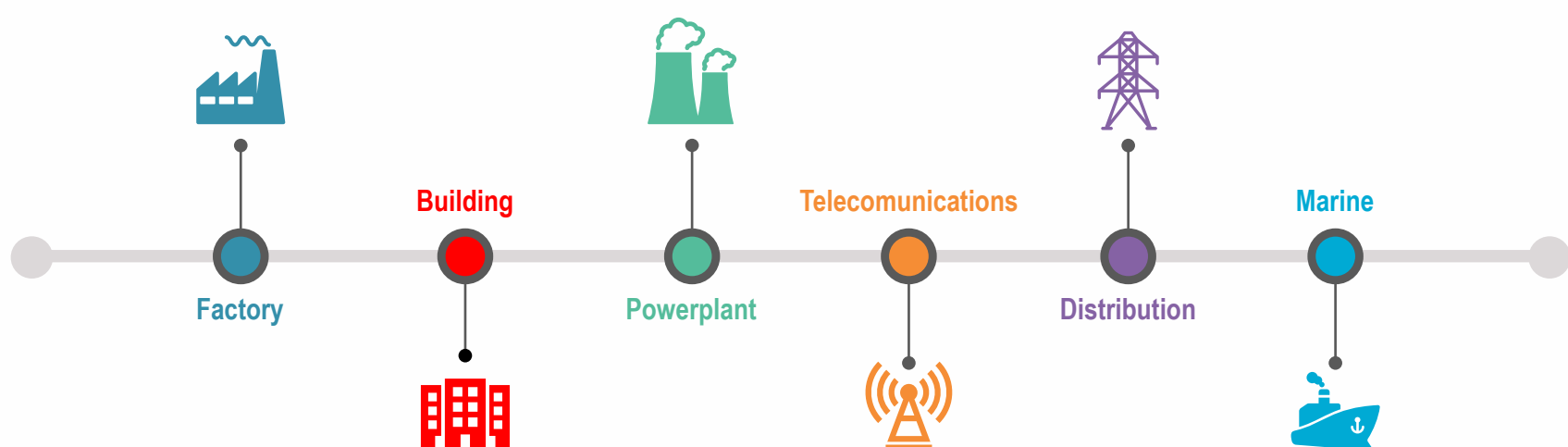
CoolAVR™ is a custom made SCADA system for particular application. Primary target are customers who want to implement top edge HMI system into their projects, but have no capacity, resources or skills to develop their own supervisory control and data acquisition system.

Features

- Hassle-free, ready to use software for your application
- Engine control and monitoring up to 128 Gen-Sets
- Circuit breaker control and monitoring
- Graphics layout of the site
- Real time historical Trends - Alarms - Events
- Logging data to SQL database
- Reporting capabilities, export to PDF format
- Daily backup of historical trends
- Statistical calculations of power, productivity, etc.
- Password protected settings
- Responsive lightweight application
- Screen resolution 1280 x 1024 for small 17" display
- Screen resolution 1920 x 1080 scalable up to 100" display or TV
- OEM design for system integrators available
- Operating system Microsoft Windows® 7 or Windows® 7 Embedded

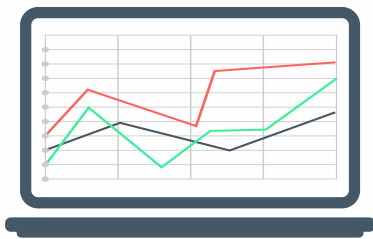
Communication

- Modbus RTU and Modbus TCP connectivity
- OPC server connectivity possible
- Thin Client up to 8 stations. Same software used
- Interface to other systems and PLC's



Data Trends

- Up to 5 signals from each node
- Sampling rate 1x - 2x - 4x per second
- Automatic data saving capability
- Statistical functions are available



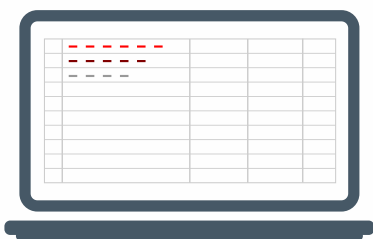
Server / Client

- Each station can be Server or Client
- Client is storing historical data too
- Control or Monitoring modes
- Client control can be disabled
- Up to 8 clients for one server



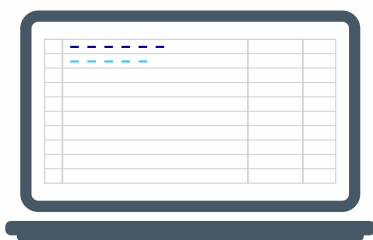
Alarm Log

- Up to 250 different alarms per node
- Alarm status processing
- Log up to 1.000.000 messages
- Two timestamps
- Export functions to Pdf or Excel



Event Log

- Logging user actions
- Machinery status changes
- Log up to 1.000.000 messages
- One timestamp
- Export functions to Pdf or Excel



Hardware and Screen resolution

There are two versions of CoolPMS™ system. One is to fit ComAp IntelliVision17 Touch screen PC or any other PC with screen resolution 1280 x 1024. Second version is supporting full HD resolution 1920 x 1080. This version is scalable up to 100" screens if necessary. Therefore all modern Smart TV's can be used. This option is cheaper alternative to big PC monitors which are way too expensive.

Statistic

- Statistical data calculations
- Report on daily or weekly basis
- Plant energy consumption
- Generated power
- User specific calculations



Applications

- Industrial
- Marine
- Power generation

40" Smart TV with full HD resolution

