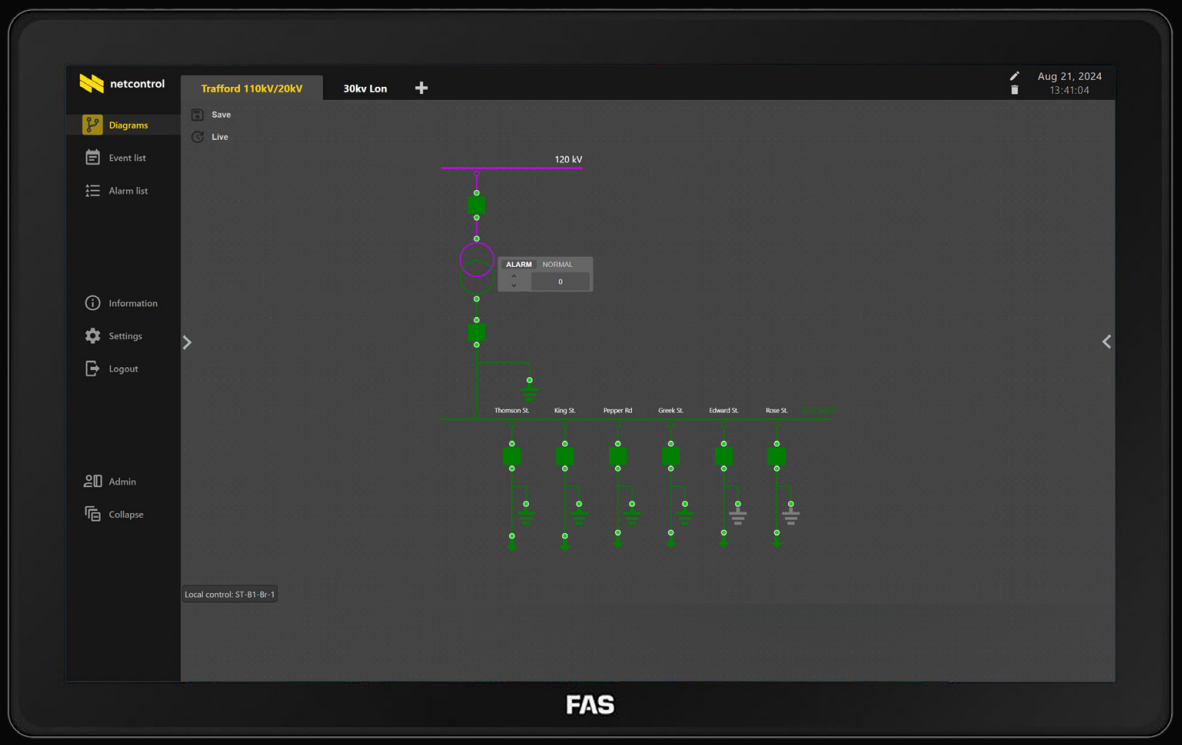
NETCON 500 WEBHMI

Touch panel with easy to use HMI software for the Netcon 500 substation



Advanced local functionality for primary substations

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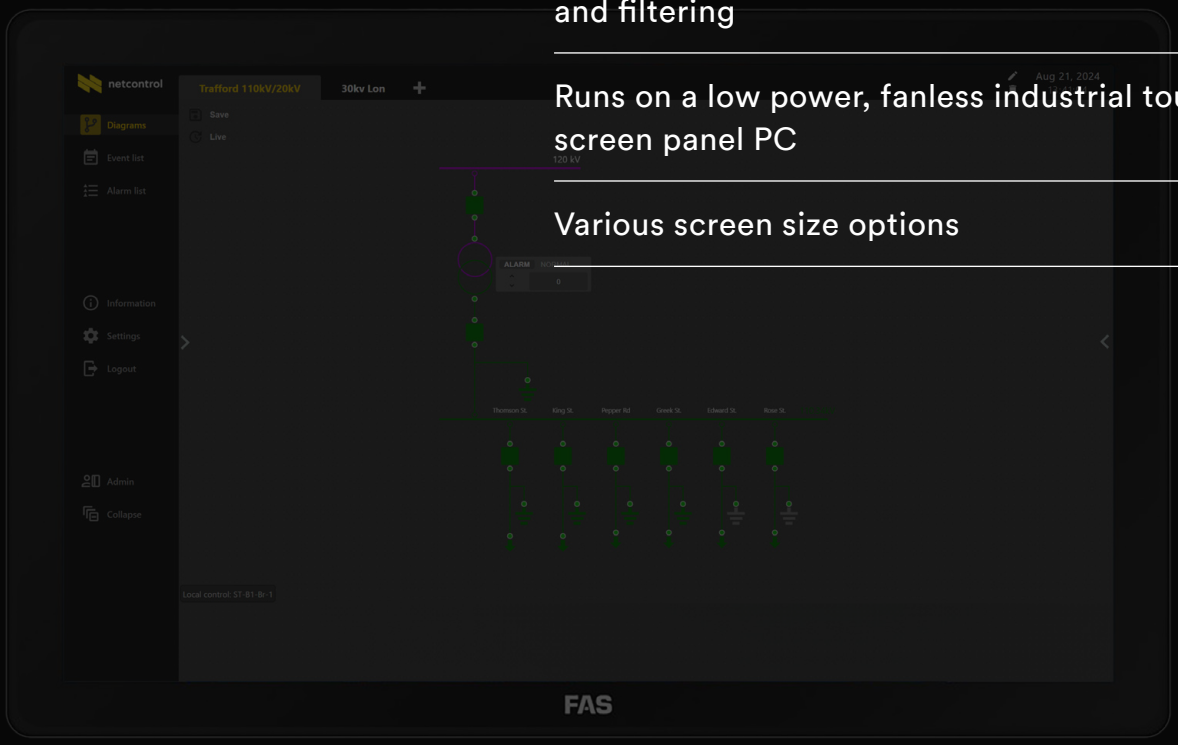
Touch panel with easy to use HMI software for the Netcon 500 substation

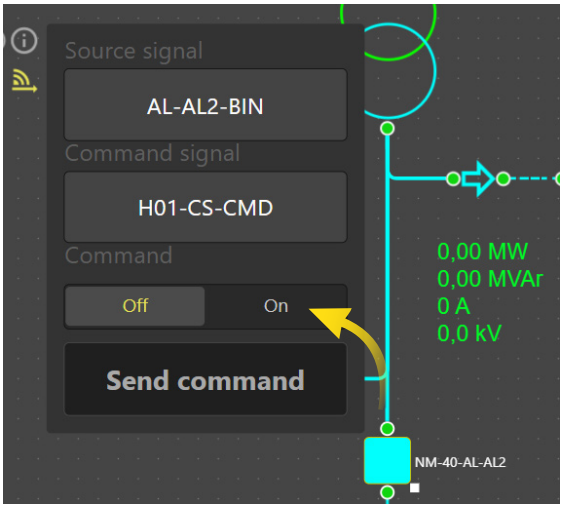
FEATURES

- Single line diagrams (SLDs) for the substation that are easy to create and to use
- Configurable event and alarms list with sorting and filtering
- Runs on a low power, fanless industrial touch-screen panel PC
- Various screen size options



Easy to use, easy to configure local functionality for substations

The Netcon 500 WebHMI is a flexible browser-based human–machine interface for the Netcon 500 systems of primary substations. It has all the functionality needed for the local supervision of a substation. The hardware is hardened for strict cybersecurity.



INTRODUCTION

The Netcon 500 WebHMI provides a clear overview of the current substation switching state, along with measured values, events and alarms. The user interface makes it easy to build the interactive single line diagrams (SLDs) that form the backbone of the SW functionality.

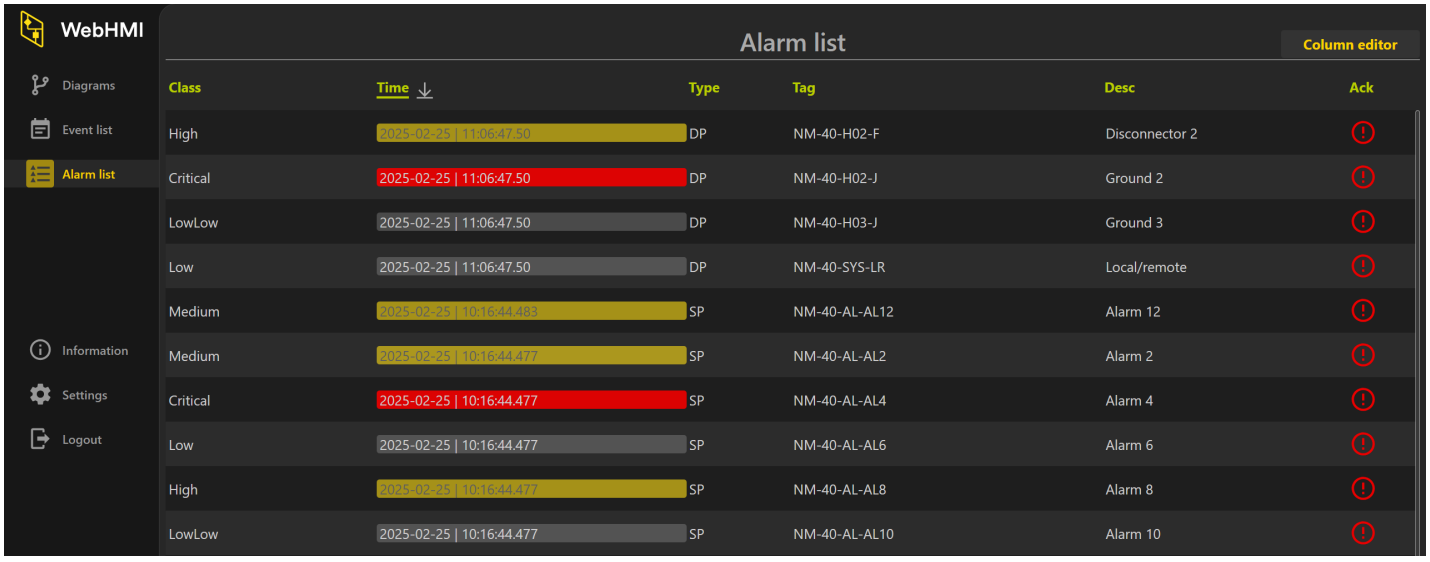
FUNCTIONALITY

Single line diagrams

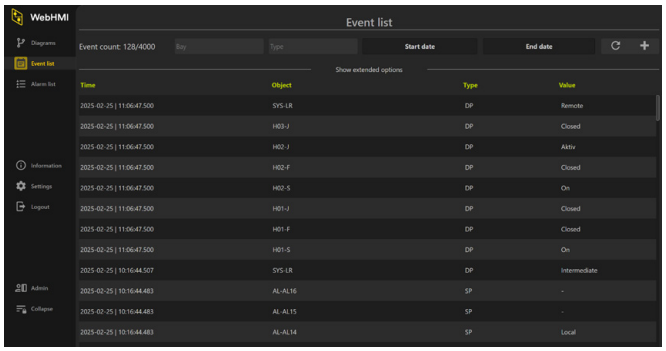
- Display of circuit breaker and disconnector positions ith the ability to maneuver these
- Display of measured values
- Several diagrams are supported, with a special diagram showing the SW components

Configurable alarm list

- List displays date, time, value and description of alarms
- Time column colored according to object priority, reflecting alarm urgency
- Acknowledge functionality for a single alarm or all alarms, with optional auto acknowledgement



Advanced local functionality for primary substations



Configurable event list

- List shows information about the time of changes, e.g., of those leading to alarms
- Advanced filter functions, including the following criteria:
  - Time
  - Type
  - Bay
  - Device

Other

- Comprehensive access control
  - Several user levels, with both generic and personal accounts
  - Support for a RADIUS server
- UI language support
  - English
  - Swedish
  - Finnish
  - Norwegian
  - Latvian
- Automatic periodic backups of SW configuration onto GW502

HARDWARE & OS

- Low power, fanless, industrial Panel PC with a touch screen
- Celeron J6412 processor
- 8 GB RAM, 128 GB M2, 8 GB internal USB memory
- Redundant power inputs: 9...36 VDC
- Windows 11 IoT Enterprise
- Operating temperature: 0...+50°C
- Operating humidity: 10%...90%

HW options for panel PC

- 18.5″ panel for panel mounting
  - cutout hole: 438 × 264 mm
- 18.5″ panel with 19″ rack mount