

Mobile Operations - Process data at your fingertips

View critical DCS information on your smartphone anytime, anywhere



Mobile Operations is a smartphone app powered by ABB Ability™ Edgenius that securely connects to ABB Ability™ System 800xA to visualize process data and alarms. The intuitive user interface allows users to stay updated anytime, anywhere to react faster, reduce downtime, and save costs.

Digital solutions are all about leveraging your current data in your control system and plant devices to become more efficient, predictable, and profitable without adding risk and cost.

The Solution

Mobile Operations is a smartphone app for visualizing process data and alarms from ABB Ability™ System 800xA distributed control systems. It provides easy to configure and secure connectivity from System 800xA to the Edgenius Operations Data Manager. Mobile Operations fosters insights into the process and therefore is relevant for roles such as field technicians, maintenance up till shift leaders and plant managers.

Secure access from everywhere

Mobile Operations uses a secure and certificate-based connection. Users can access either from local wifi with direct access to the Edgenius node or using a VPN solution tunneled through internet.

Features and Benefits

- Easy and intuitive user interface that requires no training
- Visualization of process data for binary and analog values with the same tag names as in your DCS
- Trend graphics to monitor changes over time to verify process state and to ensure productivity
- Alarm list and alarm details to stay on top of all urgent issues and to react fast if necessary
- QR-code scanner, favorites and search history ensure effective navigation to required data within seconds
- Quickly share findings with colleagues to improve asset availability and product quality

Prerequisites

Mobile Operations works with

- System 800xA 6.0.3.2 onwards
- Android version 9 or higher
- Edgenius in Connect on Demand or Disconnected mode

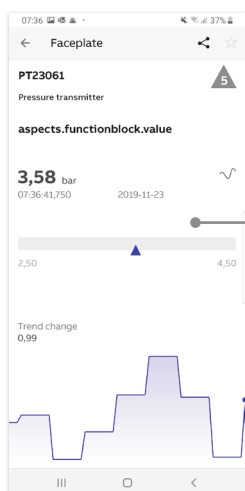
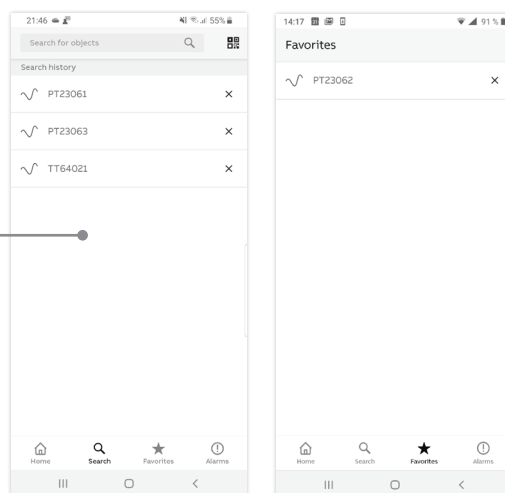
Going mobile has never been this easy



1

Access tag information

Search through control system tags with auto-completion and search history, use bookmarked favorites or use the QR code scanner, neglecting the need for typing (e.g. while wearing gloves).



2

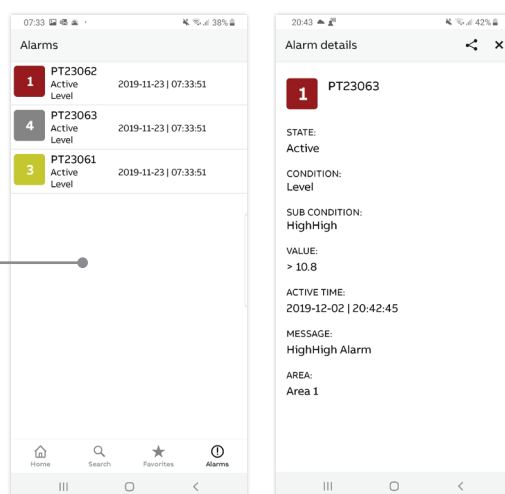
Faceplate view

Visualization of selected tag property including description current value, alarm state, limits and trend view.

3

Alarms

Get a holistic overview of your plants' state by viewing alarms in a list view. Drill down into individual alarms by tag to get additional information.



Information available
anytime, anywhere



Faster decision
making



Share information
with experts



Reduce downtime,
save costs

solutions.abb/edgenius
solutions.abb/mobileoperations

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