ABB Ability™ Smart Sensor web portal

Last measurement received indication per asset group

In the portal’s symptom monitoring page for each asset group there will be a date indicating the last time measurements were received from any of assets belonging the group.

FFT analysis improvements

The FFT vibration data is presented in Velocity RMS units. Units are taken from the user profile settings of the portal. The data has a precision of up to four decimal points.

Name change for gateway maintenance feature

The name of the Gateway maintenance feature on the portal’s organization-management-settings page has been changed to “Sensor firmware maintenance” and a description of the feature has been added.

Note: This feature is only available to administrators of an organization.
**ABB Ability™ Smart Sensor app**

**Activation animation improvement**

The location of the NFC antenna is now indicated with a red dot in the activation animation for the ABB Ability™ Smart Sensor, generation 2.

**Indication of required fields**

In the mobile app the required fields for sensor commissioning are marked with a red asterisk *. 

**ABB Ability™ Smart Sensors**

**ABB Ability™ Smart Sensors for motors and pumps, second generation**

Generation 2 Smart Sensor start-stop detection resolution changed from 2 minutes 30 seconds to 2 minutes.

With new firmware (5.5.9) installed on generation 2 sensors, the sensors can now act as motor or pump sensor. The firmware 5.5.9 will be made available as post-release together with ABB Ability™ Smart Sensor app earliest at end of March.
ABB Ability™ Smart Sensor for mounted bearings

Flags operational parameter was removed as this parameter had the same functionality as Vibration Over Range operational parameter. This parameter shows a value of either 0 or 1. Value of 0 indicates that the acceleration range that you have selected for your sensor is adequate, and 1 indicates that the accelerometer range needs be adjusted to a higher range. In order to adjust the accelerometer range for your sensor, you will need to be in range of the sensor and use the mobile app. The Set accelerometer range option is in the asset menu under Calibration.

**Remember:** Default accelerometer range is 2g.

**Previous What’s New documents**

Previous What’s New release notes can be found [here](#).