Drivebase mobile app

What is Drivebase mobile app?

- App is targeted to ABB customers as well as ABB personnel and ABB partners
- Publicly available and free of charge
- Available for iPhone, Android and Windows Phone

Key features

- Register ABB drives
- Service recommendations for the drives
- Report service action
- Read QR code from drive LCD panel and perform fault code analysis
- Push notifications
- Quick access to product manuals and ABB contacts
Getting started – create a user account

1. Start the app by touching the app icon
2. Enter your email address to the login field and touch the arrow button
3. If you don’t have an existing account you will have to create one. Fill in the account creation form and touch the “Create account” button.
4. Go to your email inbox and click on the verification link that was sent to you
5. Go back to the app and touch the “I clicked the link” button and you’re done.

Read drive into the app

1. Enter a drive serial number either by 1) reading the drive bar code sticker 2) reading the QR code from drive panel (if available) 3) by typing in the serial number manually
2. Drivebase will tell you if the drive is registered or not and also shows a service recommendation for the next preventive maintenance
Register drive

You can register a drive if it hasn’t been registered yet (each drive can be registered only once)

1. Open the Drive details view from My drives by selecting a drive and touch the “Register this drive” button. It will open the registration form.
2. Fill in all the requested details and touch the “Continue” button.
3. Review the info on the next page and touch the “Send” button. Registration process will take a moment after that. You will be taken back to My drives view when registration is done. Confirmation email is sent to your email address.

View installed options & Service action reporting

You can see what options have been installed and also report a service action from the drive pop-up menu.
QR-code functionality overview

- The QR code provides simple, one way access to drive data.
- ABB Drivebase mobile app is needed to read the QR code.

Drive panel contains an assistant (ACS880 and ACS580) to generate a QR code as shown below. The code contains drive identification information, history (e.g. fault codes) and configuration information. The end user can start the assistant from the panel menu whenever the drive is operational.

Fault code analysis

Drivebase app can be used to read a QR code from drive panel. If the QR code includes drive fault codes, Drivebase will search for fault code descriptions from the server.

1. Read the QR code from drive panel
2. Touch the "Drive status" button
3. Touch the "Fault history" button, it opens fault list view
4. Touch any fault to open detailed fault description
**Lifetime counters**

QR code also includes drive lifetime counter information which is displayed by Drivebase app.

1. Read the QR code from drive panel
2. Touch the “Drive status” button
3. Touch the “Lifetime counters” button, it opens the lifetime counters view
4. Status of fan 1 and fan 2 (optional) is displayed. There are also counters for how long the drive has been powered on and how long the drive has been used to run a motor.

**Side menu functionalty**

1. Touch the side menu icon in the top left corner to open the side menu
2. “Support contacts” button allows you to search for ABB contacts
3. “Manuals” button opens list of product manuals
4. “Notifications” button open list of notifications ABB has sent to the user (small yellow circle indicates the number of new notifications )
5. “My account” opens a summary of your account information
6. “About” button opens view on application info