

Connected Services

Maximize Uptime and Productivity



Connected Services enables proactive maintenance together with measurable productivity improvements by turning robot data into actionable insights.

Connected Services let you remotely monitor, troubleshoot, backup and optimize individual as well as entire fleets of robots for maximum availability, optimal maintenance and minimal total cost of ownership. Data driven proactive maintenance and faster issue resolution can typically add an additional two hours of production per robot per month.

OmniCore™ Power on Connect

Getting your robot connected and unlocking the benefits of Connected Services has never been easier. Power On Connect is an out of the box cellular connectivity concept for all 3G/4G enabled OmniCore™ controllers that allows you to get started in two simple steps:

1. One-click consent on the robot Flexpendant to connect your robot.
2. Register yourself as a user at <https://new.abb.com/products/robotics/service/robot-registration>.

That is how easy it is to start benefitting from the Connected Services.

Connected Services

The new generation of Connected Services have different apps for different needs delivering unprecedented clarity for each service. The apps are easy to reach from the Connected Services portal. A secure and encrypted connection between robot and ensures optimal customer data and network security.

Robot Group Configurator

Name and arrange your robots to reflect your operations thanks to our Robot Group Configurator tool. Your configuration is reflected in all the apps.

Condition Monitoring & Diagnostics

The new Condition Monitoring & Diagnostics tool is a 24/7 service that lets you monitor the working status of your robots and troubleshoot any problems by creating dashboards and watching physical parameters, alarms and events. Additional features in widget format allow a higher level of customization of dashboards. Metrics include Optimization Potential and productivity graphs among many others. This app is specifically intended to help reduce both downtime and mean time between failures within your factory.



Backup Management

With Backup Management, you can complete a fast and smooth rollback or recovery, as well as off-line improvements of your robot programs when used in combination with RobotStudio™. Backups can be taken or restored whenever you want, or easily scheduled for groups of robots.

Fleet Assessment

Connected Services Fleet Assessment enables you to identify highly stressed robots, to focus preventive maintenance activities and effective spare parts management.

Asset Optimization

Asset Optimization is a consultancy service that aims to help customers prevent future occurrences before they happen. Deep analysis identifies robots, components and software that are not running optimally.

Future developments

At ABB Robotics, we strive to offer the world's best robots and services. Your input and feedback are essential for us. Updates and releases will be presented in webinars on a regular basis. Subscribe to be notified of upcoming Webinars to make sure you don't miss out on anything new.