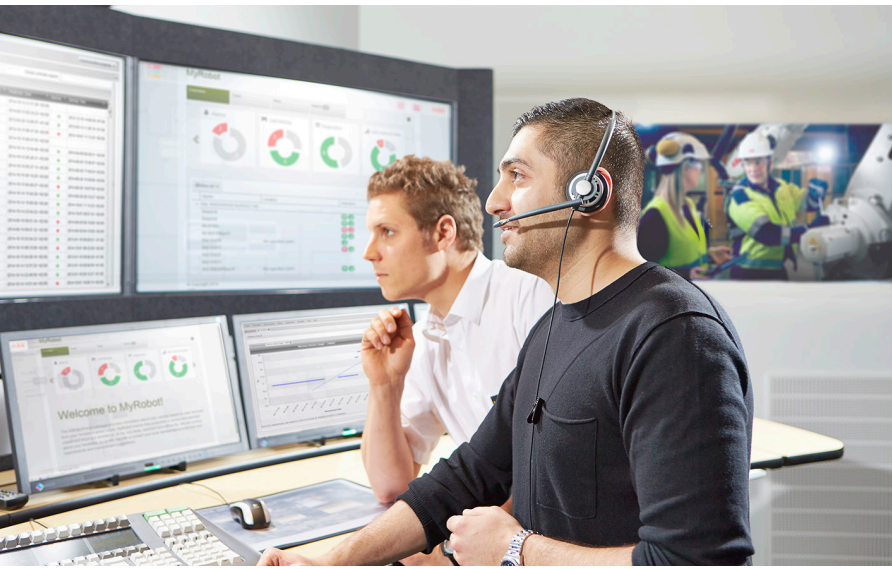


ABB Ability™ Connected Services

Maximum uptime and performance.



Connect your ABB robot today to ABB Ability Connected Services to prevent up to 25% of incidents and speed issue resolution and response times by up to 60%.

ABB Ability Connected Services

ABB began connecting its robots to advanced services in 2007, and today some 7,000 ABB robots are connected to the ABB Ability Connected Services platform, at more than 750 customer sites, in 40 countries, with more than 40,000 robots delivered with embedded connectivity.

Today every new ABB robot can be connected to the Internet of Things to unlock leading digital technologies for greater performance and reliability. The ABB Ability Connected Services suite consists of five services: Condition Monitoring & Diagnostics, Backup Management, Fleet Assessment, Asset Optimization, and Remote Access.

A secure and encrypted connection between robot and ABB ensures optimal customer data and network security.

MyRobot

The central interface MyRobot gives access to all ABB Ability Connected Services and provides actionable intelligence to help identify non-performing robot systems.

Condition Monitoring & Diagnostics

Condition Monitoring & Diagnostics is a secure 24/7 service. It identifies robot systems that are not performing optimally, provides information on potential issues and data for faster troubleshooting.

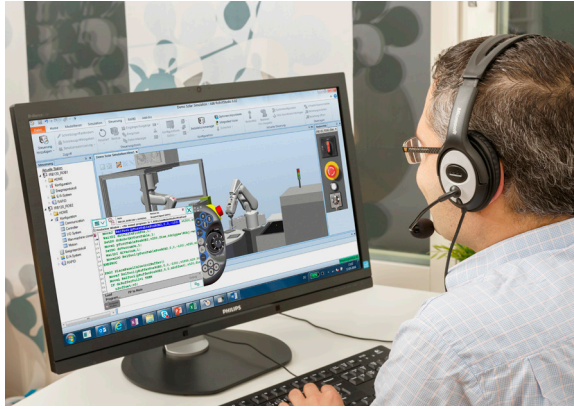
The service helps ABB and customers ensure faster reaction time, higher efficiency and enhanced technical support for optimized robot system performance.

Features:

- Condition Monitoring and analytics for mechanical units and controller measurements
- Alarm notifications via e-mail or sms
- System snapshot in case of an alarm
- Alarm and diagnostics dashboard

Benefits:

- Faster reaction time and higher service efficiency
- Optimized technical support
- Fast notification in case of trouble
- Information and statistics via MyRobot
- Identification of the most frequent failures
- Proactive technical support on request



Backup Management

Backup Management provides automatic or manual backups from the cloud, or from any server.

Features:

- Remote automatic or manual robot program backup
- Historic backups are available per robot system

Benefits:

- Fast recovery in case of software issues from anywhere

Fleet Assessment

Fleet Assessment lets users compare robots with their robot population and also to ABB's fleet of connected robots to better prioritize their service needs.

Feature:

- Automated Fleet Assessment Reports

Benefits:

- Identifies highly utilized and stressed systems
- Helps limit critical failure risk in gearboxes and motors
- Extended equipment lifetime
- Helps to prioritize service needs

Asset Optimization

Asset Optimization can help customers prevent up to 25% of incidents and speed issue resolution and response times by up to 60%. Deep analysis identifies robots, components and software that are not running optimally. Reports then provide proactive recommendations for optimized performance and uptime.

Feature:

- Performance Improvement Advisory Reports

Benefits:

- Improved performance
- Extended equipment lifetime
- Helps identify critical components for maintenance

Remote Access

Remote Access provides remote and secure access to controllers and connected equipment, on customer request.

Features:

- Remote access to controllers and connected devices
- Secure access via customer managed software and hardware authorization

Benefits:

- Condition Monitoring & Diagnostics and Remote Access on the same secure platform
- Optional remote expertise for faster issue resolution

Get Connected

ABB Ability Connected Services are available via ABB's Robot Care service agreements. Get connected by registering your new robot today at: abb.com/robotreg.

ABB Ability Connected Services are also available for already installed ABB robots. Contact your local ABB representative for more information.