

# My Control System

## Your Service Eco-System



Managing your distributed control system can be challenging. Software updates, security patches, life cycle management of hundreds of devices as well as the system performance needs to be maintained and orchestrated to ensure plant profitability throughout the entire life cycle.

My Control System — ABB's digitized service eco-system — is built to support you in staying ahead in these challenging days by having the right information available to make sustainable decisions to reduce operational risk.

### Why should you consider a service eco-system?

Distributed control systems play a major role in industries such as oil and gas, chemicals, power generation, metals, pulp&paper and food and beverage to name a few. As control systems are the heart of production there is a high demand on ensuring plant availability, maintenance efficiency, the availability and proper education of workforce, life cycle management of soft- and hardware components as well as protecting the system against cyber security threats.

### What is My Control System?

My Control System (MCS) is ABB's digitized service eco-system, built to companion DCS owner throughout the entire life cycle of their control system. It provides plant managers, maintenance teams and IT departments with the necessary insights into the DCS to make a difference.

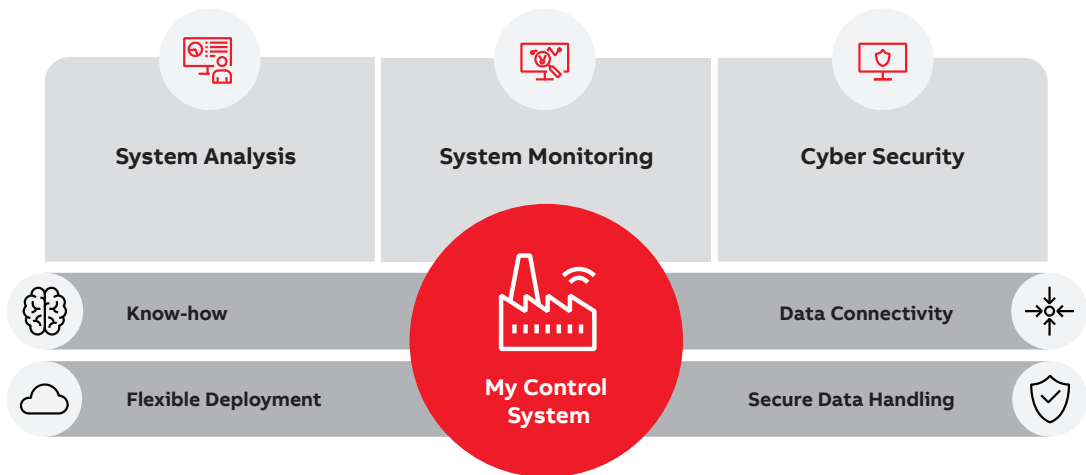
### How to deploy My Control System?

Flexible deployment is a key element of MCS. The web hosted version is embedded in the myABB portal and good to go immediately. For plants with limited or no internet connectivity the on-premise version of MCS, hosted in the local network is the way to forward.

### Features of My Control System

- 24/7 available
- Flexible deployment web hosted or on-premises
- Single source of information and tailored views for your ABB control system including documentation, software and security updates
- Self-service DCS health analytics through
- Standardized KPIs dashboards and reports
- Secure data handling

# Overview of My Control System



## System Analysis

Provides a comprehensive diagnostic analysis and understanding of control system health, performance, availability and reliability. It checks the overall system status, analyzes the relevant system parameters and compares them against best practices. Findings are presented in My Control System along with recommendations.

## System Monitoring

Continuously monitors control systems performance status, analyzes event patterns and compares it against best practices to identify risks. Provides ad-hoc and summarized information via notification service.

## Cyber Security

Simplifies cyber security by providing a holistic management workplace. Ensures automated and scheduled updates for control system nodes with security patches. Also provides means for emergency isolation, root cause analysis and remote access management.

## Know-how

ABB's deep domain knowledge, experience and expertise in delivering world-class automation products to support customers in running safe, smart and sustainable plants.

## Flexible deployment

Use My Control System in the web or on-premise according to your Needs

## Data connectivity

Collect all necessary data of your control system – automated and non-invasive. Upload data to My Control System for analysis and insights.

## Secure data handling

The platform is designed according to latest cyber security standards and all data to assure data integrity and security

## Flexible Deployment – A comparison

	My Control System (Web)	My Control System (on-prem)
Hosting	Embedded in myABB portal	On-premises
Data collection and upload using My Control System – Data Collector	Yes (manual or automated using RAP connection)	Yes (manual or automated)
Support for System Analysis	Yes	Yes
Support for Cyber Security Workplace	No	Yes
Support for System Monitoring	Yes	Yes
Synchronization with cloud	Automatic	On-demand only