ABB Ability™ Asset Health provides continuous system monitoring and preventative maintenance monitoring through the Collaborative Operations Center. As a result, system availability can be increased, and an investment protection through proactive lifecycle viewing can take place. Expert knowledge from the Collaborative operations center is used for plant monitoring.

**Situation and requirements in the market**

Due to their increasing complexity, today’s control systems require more and more expert knowledge. In the daily operation of plants and systems, system incidents that can be avoided are recorded. Current maintenance, both reactive and cyclical, takes place annually or half yearly.
Customer value

Reduction of the risk of failure through continuity of system condition monitoring
Optimization of system performance
Proactive service from ABB
Efficient use of the maintenance budget
Increased planning security and investment protection
Focus on core competence (process)

Our solution

System monitoring and preventive maintenance via the Collaborative Operations Center:
Proactive response to system changes
Cross-industry expert knowledge from the Collaborative Operations Center
Recording of system data (performance data such as system configuration, system resource utilization, etc.)
Cyclic evaluation of the data
Early detection of system changes
Immediate measures in operation-critical situations
Continuous risk assessment with action plan
Annual summary
**ABB Ability™ Collaborative Operations Center**

The new ABB Ability™ Asset Health Service enables an end-to-end asset management process to reduce risk and manage costs effectively.

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**Further solutions and features of the ABB service**

**Control System Monitoring:**
- Continuous recording of 800xA and Microsoft events
- Evaluation of the events
- Cyclical performance analysis for variance changes
- Message in case of deviation

**Cyclic Reports**

**Characteristics of the ABB service:**
- Standardized tool with individual customer support
- Plant monitoring together with our customers
- Proactive response to disruptions