

# ABB Ability™ Manufacturing Operations Management Events Application



Automations systems continuously collect and store large amounts of process data such as process measurement and many different type of events. To get a complete picture of the process performance, it is essential to explore and understand this large amount of control system process data.

The ABB Ability™ Manufacturing Operations Management Events Application provides an easy to use self-service event analysis tool. It helps users to investigate Distributed Control System (DCS) event occurrences and event distributions from the office environment and from mobile devices.

#### How does it work?

The ABB Ability™ Manufacturing Operations Management Events Application connects to Historians and visualizes events coming from Distributed Control Systems (DCS).

When working with the Events analysis Application users simply drag and drop different events types within a given time frame, using the search engine, to populate the event grid. The event histogram visualized the number of event occurrences over time, making it easy to identify event bursts that typically have a negative impact on control system operators. The event grid supports advanced filtering, grouping and search capabilities of the current selection of events and the layout is easy to customize to fit a particular use case e.g. rearranging or hiding columns that are not relevant.

The ABB Ability™ Manufacturing Operations Management Event Application can be fully localized using standard ABB Ability Manufacturing Operations Management NLS (Native Language Support) capabilities.

#### The Solution

- Native interfaces to ABBs flagship System 800xA DCS allow to connect to installed base as well as brand-new systems and 3rd party control systems
- Fast and easy access and analysis of event data regardless from which control system the data origins
- Modern HTML5 based Events Application supports easy client scaling without installation and fast integration into existing IT infrastructure.

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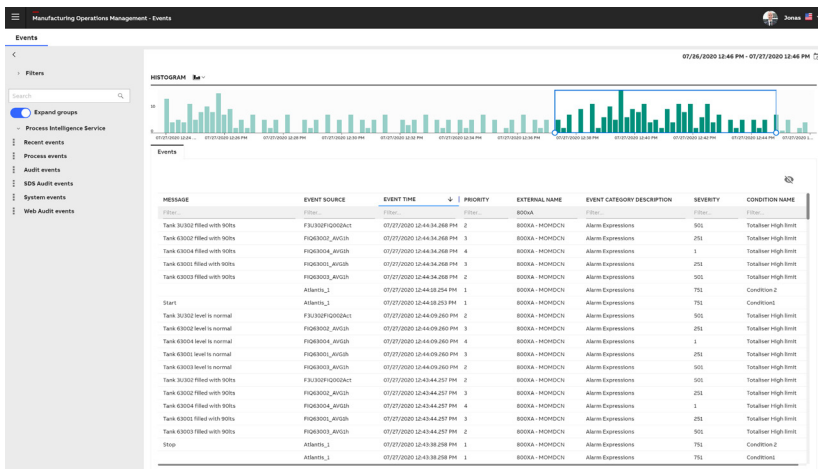
#### Why Events Application?

Event is a native Application within ABB Ability™ Manufacturing Operations Management (MOM). With its common services and modules User Experience (UX), Reporting, Connectivity and Data Storage ABB Ability Manufacturing Operations Management is an ISA-95 Level 3 plant data access and information system which ties any plant data from disparate data sources into one single information infrastructure. MOM is also a platform that hosts a different type of industrial productivity software Application, MOM Applications. This enables MOM users to easy expand and add new relevant industrial software applications as requirements or business objectives change.

## Prerequisites

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### Event Histogram



## Key Benefits

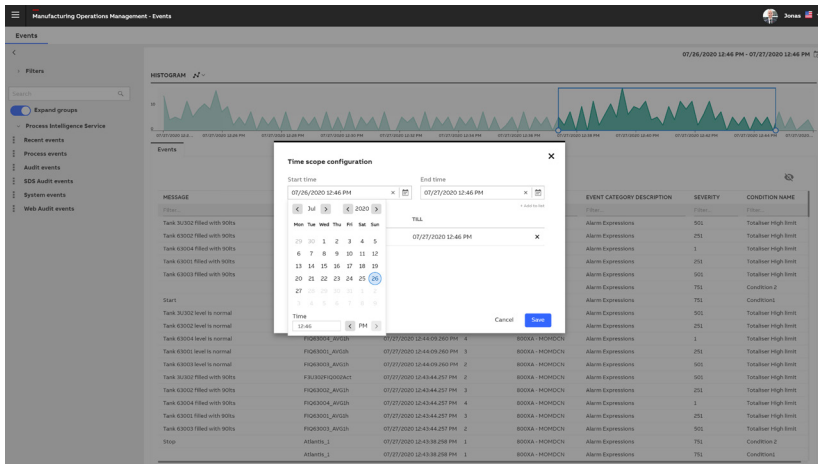
- The Events Application supports users with:
- Increased operator awareness in abnormal process situations saves time on finding most critical tags
  - Increased product quality and process availability leads to higher revenue
  - Harmonized interface for consolidated event analysis saves time and money.

## Features

- Connectivity to Distributed Control System (DCS)
- Long-term data storage of event data in History
- Event histogram to view all events in given time scope at a glance
- Event grid for details
- Sorting and filtering to identify relevant data within seconds
- User Management
- Native Language Support (NLS)
- HTML5 based Application

## Technical specifications

- OPC AE Data retrieval through 800xA History or MOM History
- Supporting IM Events from 800xA Information Manager
- Supports modern web browsers like Edge, Chrome or Safari.
- Available as Application for MOM 2006.



### Event Timepicker

[solutions.abb.com/ability-mom](https://solutions.abb.com/ability-mom)

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