

FLYER

# ABB Ability™ System 800xA® - Process Recall

## A data playback utility for System 800xA PG2 operator displays



System 800xA's Process Recall is an ideal tool for root cause analysis and incident investigations as it provides users with the ability to replay recorded data on PG2 Graphic displays.

01 Process Recall for System 800xA

02 Process Recall Viewer interface that allows owner-operators of System 800xA to define a time period to be reviewed and set the speed in which the data is to be played back

Many industrial processes capture a variety of data, such as numeric values, alarm and events, operator actions, and system diagnostics, among other things. Assembling this data to get an accurate picture of what happened during an unexpected operational incident can be time consuming and labor-intensive, as it requires matching up the times of specific actions and occurrences from multiple sources.

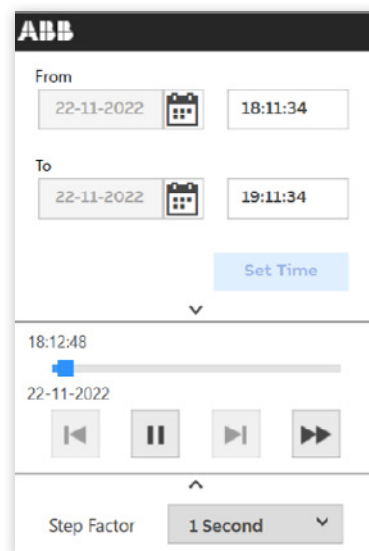
System 800xA's Process Recall makes it easier to analyze what happened during an incident by displaying data as it was seen by operators with the same graphics that they use to control the process. This enables others to better understand the situation faster by visually stepping through various events in real-time, accelerated or in slow-motion rather than spending time gathering and assembling data.

Process Recall securely stores PG2 operator graphics along with the required static and dynamic data from System 800xA and then provides a "viewer" that allows a user to specify time period to be played back. And since Process Recall uses Aspect Object technology, it's pre-integrated making installation and setup fast and easy.

**Finally, time travel without the complexity!**

**Benefits:**

- **Easier** – Simpler and faster root cause analysis to respond to unplanned incidents
- **Intuitive** – Easy to use interface and visualization of exactly what occurred rather than looking at various audit trails and operator logs
- **Integrated** – Pre-integrated solution and part of System 800xA's aspect object technology



03 A review meeting with plant personnel using Process Recall to visually show what happened during an unplanned incident



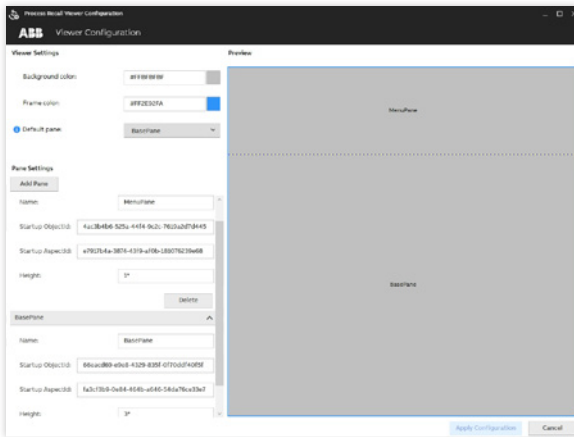
03

04 Operator training class using Process Recall to show actual data during a process upset



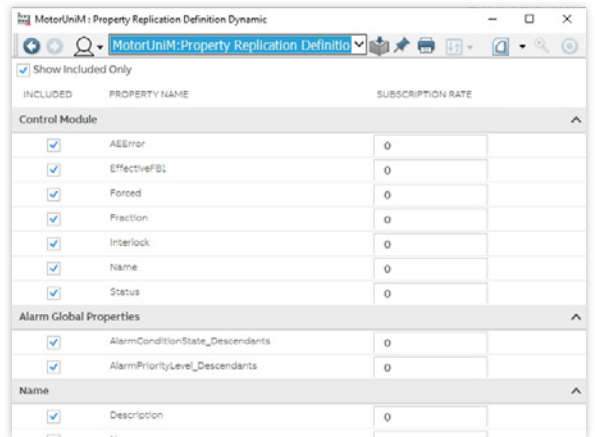
04

05 Process Recall Viewer Configuration - To define the different view panes and navigation display to be used for Process Recall Viewer



05

06 Property Replication Definition Aspect for defining the required properties to be recorded



06

## Table of licensing options for Process Recall add-on for System 800xA

Description	Article number
<b>Process Recall, Workplace 1.1</b> Process Recall Workplace includes 2 000 tags. User needs to buy additional tags when the overall number of tags in the system surpasses 2 000 tags. (Read only solution which enables user to play back and forth historical data in an 800xA workplace environment)	2PAA124302R1
<b>Process Recall, 1 000 Additional Tags 1.1</b> License for up to 1 000 additional tags that have data being saved in the Process Recall Server. (Requires at least 1 Process Recall Workplace)	2PAA124312R1
<b>Process Recall, Workplace - Additional. Client.</b> Includes one additional Workplace. (User needs to buy additional tags when the overall number of tags in the system surpasses 2 000 tags.)	7PAA00724141

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