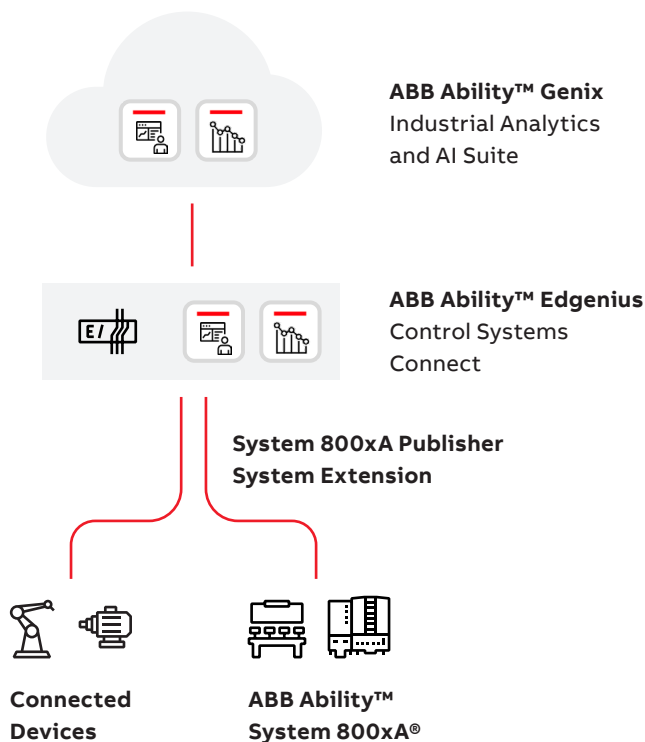


ABB Ability™ Edgenius Operations Data Manager System 800xA Publisher

A secure and easy way to configure System 800xA system extension to help accelerate digital transformation.



Digital solutions are all about leveraging your current data in your control system and plant devices to become more efficient, predictable, and more profitable, without adding risk.

System 800xA Publisher is a system extension that securely connects and digitally publishes process data and alarm/events to the Edgenius Operations Data Manager environment removing complexity and other barriers usually encountered when implementing digital solutions.

What is the System 800xA Publisher?

The System 800xA Publisher is a system extension for System 800xA automation systems that provides easy to configure, secure connectivity from System 800xA to the Edgenius Operations Data Manager.

The System 800xA Publisher is all about making digital transformation easier and more manageable. With the System 800xA Publisher system extension, a digital twin is created on the Edgenius platform representing selected System 800xA Aspect Objects. This digital twin and its information, combined with other connected data sources, is then available on the Edgenius Operations Data Management for use with Edge hosted or cloud based digital applications.

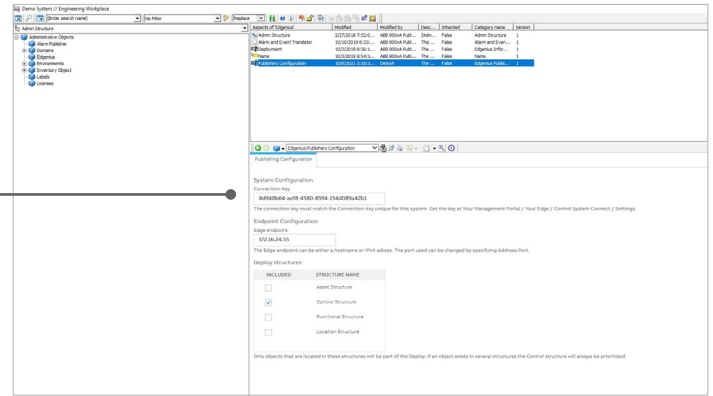
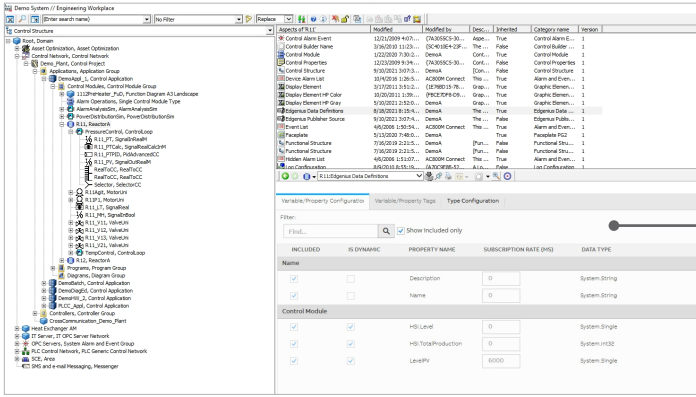
Going digital has never been this easy.

What can the System 800xA Publisher do for you?

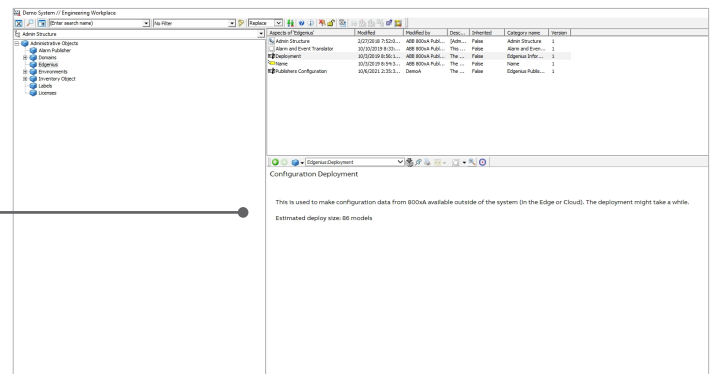
- Simplifies digital transformation solution implementations when using System 800xA®
- Defines a set of Aspects and Services that enables secure connectivity using MQTT based on mTLS.
- Publishes variables (objects/object types), structures, as well as alarm/events for use with Edgenius and Genix digital applications
- Published data is transformed from aspect object format to the information model used in the ABB Ability™ platform
- The System 800xA Publisher system extension will be delivered as part of an active Edgenius subscription
- The System 800xA Publisher system extension is compatible with 800xA systems version 6.0.3 and later as well as Compact HMI 6.1.1 and later.

Digital transformation as easy as 1,2,3

1 Install
Install the System 800xA Publisher System Extension and configure the secure connection to the Edgenius Edge software.

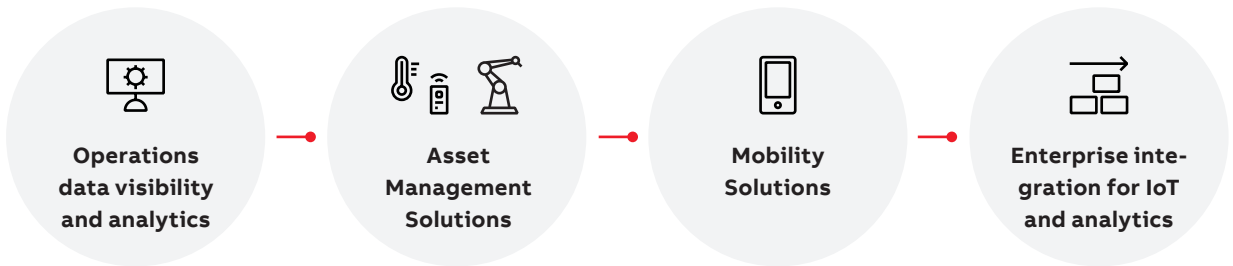


2 Configure
Place Edgenius definition aspects on objects or object types and select which static properties and dynamic variables are to be part of the digital twin on the edge – along with structures and alarms.



3 Deploy
Deploy the configuration to the Edgenius edge software. Data is now streaming and available to digital applications that provide improved visibility, optimization and analytics.

Data can be kept on-premise or streamed to the cloud.



Related offerings	Description	For more information
ABB Ability™ Genix Industrial Analytics and AI Suite	Brings together the combined power of industrial analytics and artificial intelligence as an enterprise-grade platform and suite.	new.abb.com/process-automation/genix
ABB Ability™ Edgenius Operations Data Manager	Digital enabler for automation offerings, connecting to cloud and control environments for advanced data aggregation and analysis to improve operations.	solutions.abb.com/edgenius
ABB Ability™ System 800xA®	Modern collaborative process automation platform for distributed process control (DCS), electrical control and monitoring (ECS), and safety (SIS).	solutions.abb.com/800xA

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solutions.abb.com/edgenius
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