ABB Ability™ System 800xA
Version 6.1.1 – What’s new

Reduce downtime related to software upgrades
It is now both easier and more flexible to update your systems. System 800xA 6.1.1 supports both Windows 2016 and Windows 2019 LTS simultaneously. This, combined with System 800xA’s flexible installer capabilities, allows system owners already at version 6 to update their systems by section, over time, and online, greatly reducing the time and effort typically required.

Provide peace of mind through enhanced security
To further improve cybersecurity, System 800xA 6.1.1 has the latest patches and security updates that come with MS Windows 2019. The new version has been approved for use with McAfee Endpoint Security applications, such as Application Control. Additionally, System 800xA’s most popular process and safety controllers have achieved ISA secure compliance.

For more information visit ISA Secure

What can System 800xA 6.1.1 do for you?
With System 800xA 6.1.1, it is easier than ever to implement and manage digital solutions. Based on the latest operating systems, the new version offers increased security as well as leaps in engineering, communications and I/O capabilities, that can help power your digital transformation.

Accelerate your digital transformation
System 800xA 6.1.1 makes it easier than ever to implement digital solutions. Thanks to the 800xA Publisher system extension, you can both securely and easily choose which data to stream to ABB Ability™ Genix Industrial Analytics and AI Suite. This data is available in context to various applications, both on the edge or in the cloud.
Promotes secure collaboration
Thanks to a wide range of OPC UA connectivity options, System 800xA 6.1.1 promotes secure collaboration between systems, devices and applications. The new version includes OPC UA client and server capabilities at the system level and an OPC UA client for the AC 800M controller via the new CI874 communications interface module.

Faster commissioning
The Ethernet I/O Field Kit, with xStream Commissioning, facilitates smooth commissioning of greenfield projects and brownfield expansions.

Field instrument technicians can configure and commission S800 on Ethernet and Select I/O clusters with a single laptop - without the need for any controller or I/O communications hardware. Automated loop checks can be performed simultaneously on multiple smart devices, reducing required man-hours by more than 90%.

Easy and efficient orchestration
System 800xA 6.1.1 embraces Modular Automation Orchestration to provide a standard compliant, “plug and produce” environment that improves production flexibility and competitiveness.

The new version allows you to seamlessly import Modular Type Packages (MTPs) and add coordinated control logic required for the superior supervisory control.

Higher flexibility and lower footprint with Select I/O enhancements
Select I/O now offers single-mode fiber optic Ethernet adapters, signal conditioning modules (SCMs) with built-in intrinsically safe barriers for both process and safety applications, and channel redundancy. These additions reduce the amount of ancillary hardware needed to meet various project requirements, help to reduce the impact of late changes and keep cabinet footprint to a minimum.