Energy Portfolio Management

Market Operations Release Notes

Release 5.7.0.0
EMDDB-0215-2003-15
March 2020

Legal Disclaimer
The product described in this documentation may be connected to, and/or communicate information and data via, a network interface, which should be connected to a secure network. It is your sole responsibility to ensure a secure connection to the network and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the product, the network, your systems, and the interface against any kind of security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data. We are not liable for damages or losses related to any such security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data.

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Chapter 1: Overview

ABB is pleased to present Final Release Notes for Version 5.7.0.0 of Market Operations (MO).

About this Document

This document is intended to provide key information about the release. The document is organized into the following chapters:

- **Chapter 1: Overview** (this section)
- **Chapter 2: Enhancements to the System** – A list of the enhancements provided in this release, with expanded explanations of some of the more important features.
- **Chapter 3: Problems Fixed** – A list of problems fixed in this release.

Summary of Changes

This document is intended to outline the functionality that will be implemented with the Market Operations 5.7 Release and the expected timing of the release.

The focus of Release 5.7.0.0 is as follows:

- Technology stack upgrades
- Internal security reviews

Please see the individual sections for a detailed list of the items that will be included in this release.

Release Date Determination

The date for Release 5.7.0.0 of Market Operations has been scheduled for March 2020.

Chapter 2: Enhancement to the System

The Enhancements for Market Operations 5.7.0.0 are listed in the following table.

5.7.0.0 MO Enhancements

SalesForce Issue No.	Internal Issue No.	Description
N/A	EMO-302 EMO-293 EMO-290	The Java runtime environment for both server and client has been updated to version 11, including Oracle-licensed and open source implementations such as OpenJDK and Azul Zulu. The Java Activation Framework has been updated to the latest version and delivered as a separate component as part of Tomcat configuration. The Java Metro Framework has been updated to the latest version.
N/A	EMO-300	The system has been certified for use with Windows Server 2019 and Oracle 19c.
N/A	EMO-299	Tomcat 9.0 is now the minimum certified version.
N/A	EMO-298	The system has been certified for use over SSL/HTTPS. Configuration details are documented in the Server Installation Guide.
N/A	EMO-297	The JDBC driver has been upgraded so that changes to the SQLNET.ORA file on the database server are no longer required.
N/A	EMO-296	The system has been certified for use with the Microsoft Edge browser.
N/A	EMO-309 EMO-303 EMO-294 EMO-289 EMO-287 EMO-286 EMO-285 EMO-283	Issues related to ABB's internal cyber security assessments: ▪ General cyber security review based on current ABB cyber security guidelines ▪ Threat model assessment ▪ ABB Device Security Assurance Center assessment and testing ▪ Static code analysis performed ▪ Third-party component licensing review

Chapter 3: Problems Fixed

This section lists the problems fixed for Market Operations 5.7.0.0.

5.7.0.0 MO Problems Fixed

SalesForce Issue No.	Internal Issue No.	Description
N/A	EMO-307	Cross-site Scripting (XSS) attacks have been mitigated in the web interface
N/A	EMO-288	Cookies are limited to HttpOnly to be more secure