Exaquantum and ExaquantumARA OPC Gateway Configuration

KB-1098-23

Document Summary	
Article Type	User Guide
Products Affected	Exaquantum OPC Gateways
Versions Affected	R3.20
Function Affected	ARA Update Job
Available Resolution	Correct the configuration of the OPC Gateways
Audience	System Integrators and Administrators
Summary	The Exaquantum OPC Gateways and Exaquantum ARA OPC Gateways configuration need to match otherwise the ARA Update Job will error
Review Date	Document to be reviewed before Feb 2024

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Chapter 1 Introduction

This User Guide covers the configuration of the Exaquantum and Exaquantum/ARA OPC Gateways.

The Exaquantum/ARA Update Job can error if there is a mismatch between the Exaquantum OPC Gateway and Exaquantum/ARA OPC Gateway configuration.
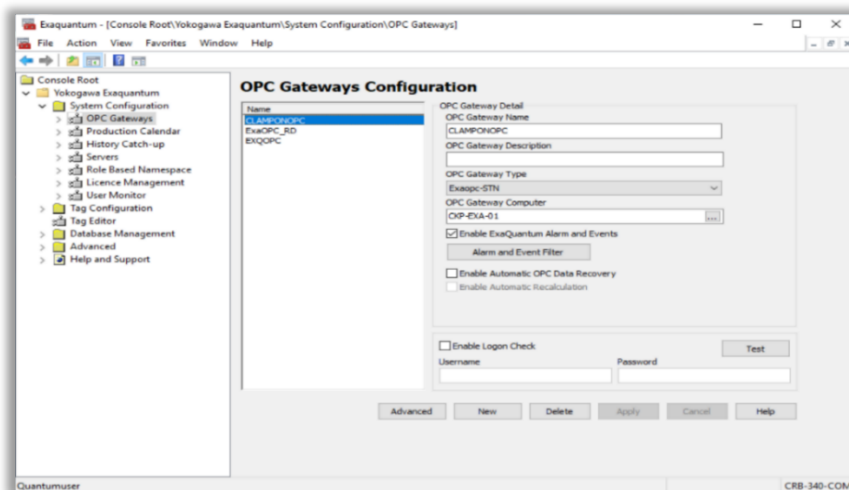
1.1 Audience

This guide is intended for System Integrators and Administrators.

Chapter 2 OPC Configuration

When using Exaquantum\ARA any A&E enabled OPC Gateway configuration for needs to match if the Exaquantum OPC Gateway is collecting Alarm and Event data, otherwise an error will stop the ARA Update Job from running.
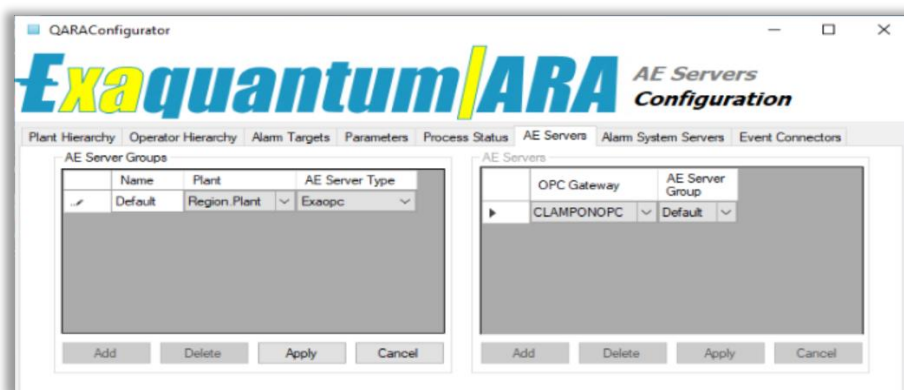
The Exaquantum OPC Gateways are configured using the OPC Gateway Configuration Tool in the Exaquantum Administration Tools.

Exaquantum will collect Alarm and Events if the Enable ExaQuantum Alarm and Events option is selected.

In the above example the highlighted gateway is the only gateway that is configured to collect alarm and events.

In the ARA Servers tab of the ARA Configurator any OPC Gateway that has the Enable ExaQuantum Alarm and Events selected must also be configured here.

If the OPC Gateways that have the Enable ExaQuantum Alarm and Events selected are not configured in the ARA Servers tab of the ARA Configurator an error can occur that will stop the ARA Update Job.

To add an OPC Gateway please refer to the chapter 4.6 of the IM 36J40A25-01EN ARA Engineering Guide.

Chapter 3 Further Reading

If you have any questions or queries about the information contained in this document, then please contact Yokogawa Marex at customer.services@ymx.yokogawa.com

The Yokogawa Marex Affiliate Portal contains a Knowledge Base Section which contains various articles that can be used when troubleshooting an Exaquantum System.

The Knowledge Base will evolve over time with articles being updated and new articles being added to assist affiliates in dealing with problems that may occur with Exaquantum and its various associated applications.

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Highlights

The Highlights section gives details of the changes made since the previous issue of this document.

- ## Summary of Changes

This is Issue 1.0 of the document related to Product Library version 1.0.

- ## Detail of Changes

The changes are as follows:

Chapter/Section/Page	Change