### Knowledge

Base



# Importing Alarms from CAMS into AMD

KB-0002-21

Document Summary			
Article Type	Knowledge Base		
Products Affected	Exaquantum/AMD		
Versions Affected	All versions of Exaquantum/AMD		
Function Affected	Exaquantum/AMD		
Available Resolution	N/A		
Audience	Administrators of Exaquantum/AMD		
Summary	How to Import Alarms from CAMS into Exaquantum/AMD		
Review Date	Document to be reviewed before July 2024		



KB-0002-21 Importing Alarms from CAMS into AMD Exaquantum/AMD

Issue 2.0 18th July 2023

# **Table of Contents**

Table of Contents	1
Chapter 1 Introduction	2
1.1 Audience	2
Chapter 2 Importing Alarms from CAMS	
2.1 Alarm Configuration	
2.2 Importing Alarms	4
2.2.1 Selecting the Import option	4
2.2.2 Import from CAMS for HIS option	4
2.2.3 Data selection for import	5
2.2.4 Proceeding with import	5
2.2.5 Monitoring Import	6
2.2.6 Next steps	6
Chapter 3 Further Reading	7
Copyright and Trademark Notices	8
Highlights	9

# **Chapter 1 Introduction**

The purpose of this document is to show Administrators of Exaquantum/AMD how to import Alarms in AMD from a CAMS server.

### 1.1 Audience

This guide is intended for system integrators and administrators of Exaquantum/AMD

# **Chapter 2 Importing Alarms from CAMS**

If there are deleted alarms that need to be retrieved or there is a requirement to update AMD with new alarms recently added to CAMS, Exaquantum/AMD Can download these updates to a specific Area of the Plant to overwrite and update all alarms in the Alarm Master Database.

### 2.1 Alarm Configuration

Log into AMD as the local administrator to have the permissions to Download the Alarms.

Select Alarm configuration from the dashboard headings

Exaquantum/AMD +	Alarm Configuration	Import/Export	Enforcement	Reports +	Settings +	2 Administrator 👻
Root						New - Q O -
Items Documents	Enforcement - U	ncommitted Alarms	Alarms Off	Settings		
FIRE AND GAS						
GWES						
PROCESS						

The next window shows a full view of Areas in the AMD Alarm Master Database. Select the Area that is needed for the update. At this point all alarms can be downloaded for the Area if required by selecting the New icon in top right of screen.

The following steps will show how to download to a specifc area if required.

CUp one level	Buildings		New -	0.
- New Folder	Buildings		INCW 4	0.
<ul> <li>New Tag</li> </ul>				
TEMS	Items Documents Enforce	ement + Uncommitted Alarms	Alarms Off Settings	
Buildings	HZ20070007			

This example above is using the Buildings Area under Process\Fire and Gas. This navigation trail can be seen in the top line of the dashboard window.

### 2.2 Importing Alarms

#### 2.2.1 Selecting the Import option

Click on the cog wheel icon highighted in grey in below image it is on the top right of window

	New +	٩	۰.
π	<mark>→ Im</mark> ← Ex	port	
	✔ Ed 前 De	lit slete	
	Cu Co Pa	it Xpy iste	
	Pa	iste	

Click on the import option highlighted in yellow in above image.

#### 2.2.2 Import from CAMS for HIS option

Once selected the next window will show a new Import screen for the type of imports available in AMD, **Select the CAMS for HIS option** this allows AMD to download only data relevant in CAMS.

ew Import		
Import data to	Root.PROCESS.FIRE AND GAS.Buildings	
Import from	Import from AMD CSV file Import setpoints from DCS Import Reference Data from CENTUM Import from CAMS for HIS Import from AMD CSV file using AMD tag templates Import system configuration from AMD XML file	
Description	Imports all CAMS for HIS alarm attributes including custom data into AMD using the configured AMD Gateway settings. This is very useful when setting up a new Alarm Master Database based on an existing CAMS for HIS alarm configuration or during alarm rationalization periods.	
	Next	

Once Import option is selected click the Next button highlighted in blue in above image to continue

#### 2.2.3 Data selection for import

Once import from CAMS for HIS is selected the following window will be shown allowing users to select the type of CAMS infomation they wish to download to AMD from CAMS.

'update to Fire and Gas Buildings' was successfully added			×
Import from CAMS for HIS			
Select which alarm attributes to imp	port		
CAMS for HIS Item ID	Consequence	Custom Data	
✓ Detection	Guidance	Priority	
☑ Purpose	Time to Respond	✓ User	
Select All Select None			
Next			

There is an option to select a list of alarm attributes The above image shows all attributes are to be downloaded. This is a basic set of attributes that are in AMD by default Chapter 3 of this document refers.

There are also options to Select all attributes and options to deselect all.

Click the next button highlighted in blue to proceed.

#### 2.2.4 Proceeding with import

mport from CAMS for HIS	Start Remove Selected	Select -
	Page	
mports all CAMS for HIS alarm attributes including custom data into AMD using the configured AML ip a new Alarm Master Database based on an existing CAMS for HIS alarm configuration or during	D Gateway settings. This it None alarm rationalization periods.	
mport data to Root.PROCESS.FIRE AND GAS.Buildings		
Root.PROCESS.FIRE AND GAS.Buildings.HZS6079097.ALM		
Root.PROCESS.FIRE AND GAS.Buildings.HZS6079097AT.ALM		
Root.PROCESS.FIRE AND GAS.Buildings.HZS6079098.ALM		
Root.PROCESS.FIRE AND GAS.Buildings.HZS6079098AT.ALM		
Root.PROCESS.FIRE AND GAS.Buildings.LZI6630581.HH		
Root.PROCESS.FIRE AND GAS.Buildings.LZI6630581.IOP		
Root PROCESS FIRE AND GAS Buildings LZI6640561.HH		
Root.PROCESS.FIRE AND GAS Buildings LZI6640561.IOP		
Root.PROCESS.FIRE AND GAS.Buildings.LZI6640661.HH		
Root.PROCESS.FIRE AND GAS.Buildings.LZI6640661.IOP		

The window now shown will have all alarms that AMD see in CAMS and can download to its Master Database. When an alarm is ticked it wil **not** be downloaded. Tags can be selected one by one or there is an option for a whole page option select start button highlighted in blue to proceed

#### 2.2.5 Monitoring Import

After selecting the start button the job will be added to the import jobs list.



#### Once completed the job will show successful

T Û	Import from CAMS for HIS
	update to Fire and Gas Buildings
	Success Created by Administrator on 12/10/2020 11:56:56

The update from CAMS is completed.

#### 2.2.6 Next steps

Once alarms have been downloaded they will need to be comitted to the AMD alarm Master database.

Details of commiting alarms and unsucessfull Imports to AMD can be found in the mannuals listed in Chapter 3 Further reading of this document.

# **Chapter 3 Further Reading**

Exaquantum/AMD user manuals and release notes can be found at the following address:

https://ymx.yokogawa.com/affiliates/alarm-management-products

Further information about this article and other products can be requested by emailing YMX customer support: <a href="mailto:support.ymx@yokogawa.com">support.ymx@yokogawa.com</a>

## **Copyright and Trademark Notices**

© 2021 Yokogawa Electric Corporation

### All Rights Reserved

The copyright of the programs and online manuals contained in the software medium of the Software Product shall remain with YOKOGAWA.

You are allowed to print the required pages of the online manuals for the purposes of using or operating the Product; however, reprinting or reproducing the entire document is strictly prohibited by the Copyright Law.

Except as stated above, no part of the online manuals may be reproduced, transferred, sold, or distributed to a third party in any manner (either in electronic or written form including, without limitation, in the forms of paper documents, electronic media, and transmission via the network).

Nor it may be registered or recorded in the media such as films without permission.

#### Trademark Acknowledgements

- CENTUM, ProSafe, Exaquantum, Vnet/IP, PRM, Exaopc, Exaplog, Exapilot, Exasmoc and Exarge are registered trademarks of Yokogawa Electric Corporation.
- Microsoft, Windows, Windows Server, SQL Server, Excel, Internet Explorer, SharePoint, ActiveX, Visual Basic, Visual C++, and Visual Studio are either registered trademarks or trademarks of Microsoft Corporation in the United States and other countries.
- Adobe and Acrobat are registered trademarks of Adobe Systems Incorporated and registered within particular jurisdictions.
- Ethernet is a registered trademark of XEROX Corporation.
- All other company and product names mentioned in this manual are trademarks or registered trademarks of their respective companies.
- We do not use TM or <sup>®</sup> mark to indicate those trademarks or registered trademarks in this manual.
- We do not use logos in this manual.

# **Highlights**

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

### Summary of Changes

This is Issue 2.0 of the document related to Product Library version 13.0

### Detail of Changes

The changes are as follows:

Chapter/Section/Page	Change
Front page	Review Date updated
Page 7	Email address updated