## Knowledge





# Exaquantum/ARA Alarm by Condition and Tag Report Limitations

KB-1083-22

Document Summary		
Article Type	User Guide	
Products Affected	Exaquantum/ARA	
Versions Affected	All	
Function Affected	ARA Alarm by Condition and Tag Report	
Available Resolution	None	
Audience	System Integrators, Administrators and Operators.	
Summary	Details of limitations with the current ARA Alarm by Condition & Tag Report to ensure the report can continue to be effective for operators.	
Review Date	Document to be reviewed before November 2023	

## **Table of Contents**

Table of Contents	
Chapter 1 Introduction	2
1.1 Audience	2
Chapter 2 Limitations	3
2.1 Incorrect "< Threshold" Count	
2.2 Incorrect Tag Name Cell ""	5
Chapter 3 Further Reading	6
Copyright and Trademark Notices	
Highlights	8

# **Chapter 1 Introduction**

Exaquantum/ARA provides an Alarm by Condition and Tag report. This report's purpose and function is detailed in the Exaquantum/ARA User Manual Chapter 12.2. There are currently two known limitations with the operation of the report. This document will detail these limitations and how the report can be interpreted so that it remains effective for operators.

#### 1.1 Audience

This guide is intended for system integrators, administrators, and operators.

## **Chapter 2 Limitations**

There are two limitations with the current Exaquantum/ARA Alarm by Condition and Tag report. These limitations do not affect the integrity of the data in the report, but can affect the useability for the operator. The report and its limitations may be reviewed for resolution in a future version of the product.

The report limitations are summarized below and detailed in the following sections:

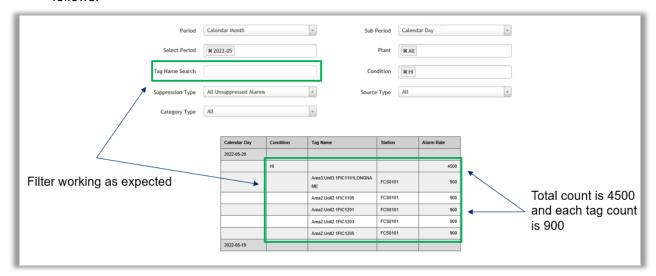
- 1. When filtering the report using the Tag Name Search parameter, other tags that have counts over the report threshold are grouped in the "< Threshold" row.
- 2. When the applied report filter has no alarms of the configured conditions above the report threshold, an empty tag name cell of ".." is displayed instead of the "< Threshold" row.

Note the report alarm count threshold is by default set to 5. The Exaquantum/ARA User Manual Chapter 5.4.2 contains details on how to modify this value.

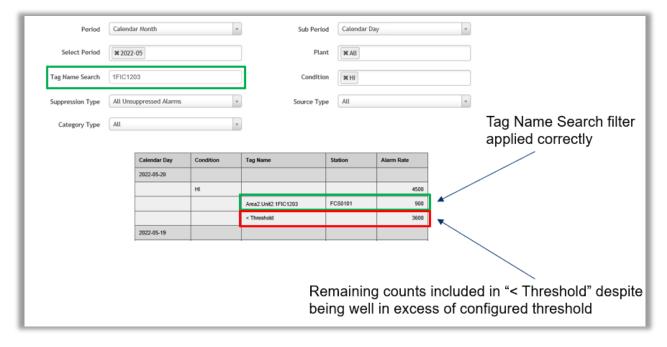
## 2.1 Incorrect "< Threshold" Count

When filtering the report using the Tag Search parameter, alarms that do not match the Tag Search criteria are included in the "< Threshold" row for each condition.

In this example, with no Tag Search filter applied, the results for the calendar day are as follows:



However, with a Tag Search applied, by adding a search criteria to the Tag Name Search



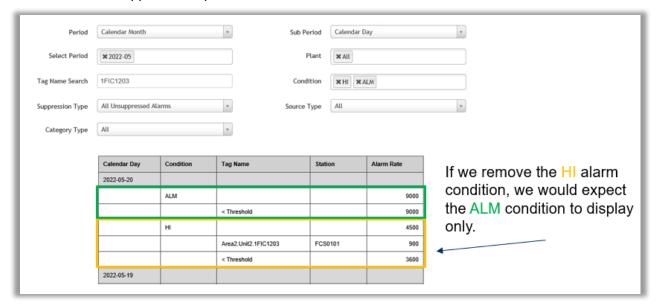
filter, users will see the filter is applied correctly but the remaining alarms are grouped into the "< Threshold" row:

As the report filter has been configured for a specific Tag Name Search criteria, and so Operators are reporting on specific tags only, this limitation with the "< Threshold" count can be ignored.

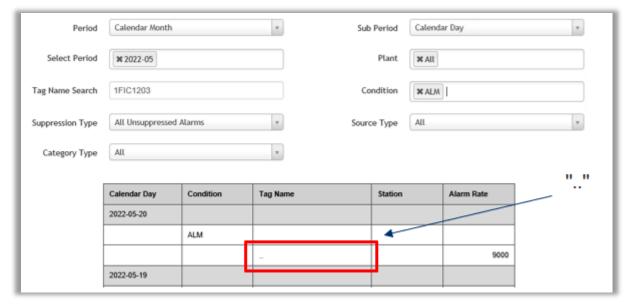
## 2.2 Incorrect Tag Name Cell ".."

When the applied report filter has no tags of configured conditions above the report threshold, the row visibility logic does not apply correctly and an empty tag name row is displayed.

In this example, with the Tag Name Search and Condition filters configured, the report Tag Name cells appear as expected:



If the filter for the "HI" condition is removed from the filter configuration, users can expect the "ALM" condition to display only. However, in this example the "ALM" condition does not have any Tags that exceed the threshold, and so the Tag Name cell does not appear correctly:



If the user encounters this limitation with the report, the ".." tag name cell can be interpreted as "all tag alarm counts of this condition that do not match the report filter criteria".

# **Chapter 3 Further Reading**

For further information please visit the Yokogawa Marex support website or contact YMX at the <a href="mailto:support@ymx.yokogawa.com">support@ymx.yokogawa.com</a> email address.

The Yokogawa Marex support website is available at https://ymx.yokogawa.com/support

The Yokogawa Marex Knowledgebase is available at <a href="https://ymx.yokogawa.com/knowledge-base">https://ymx.yokogawa.com/knowledge-base</a>

The Exaquantum/ARA User Manual Chapter 12.2 contains detail of the Alarm by Condition and Tag report.

## **Copyright and Trademark Notices**

© 2022 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 ® 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 1.0 of the document related to Product Library version 1.0.

#### Detail of Changes

The changes are as follows:

Chapter/Section/Page	Change