

General Specifications

Model NTPC042 Exaquantum Operator Trending Module



GS 36J40E30-01EN

■ PROBLEM

Distributed Control System (DCS) Operators need to access long term data to quickly identify any repeating data patterns in their current data sets.

These repeating data patterns may also require the ability to easily create and display system wide and user defined process trend groups with the associated alarm and events.

■ SOLUTION

Exaquantum Operator Trending Module (Exaquantum/OTM; hereafter referred to as 'OTM') allows DCS operators and Exaquantum/Explorer users to select and display group-based trends.

The current and long term data from the Exaquantum Historian powers these trends and alarm and event displays.

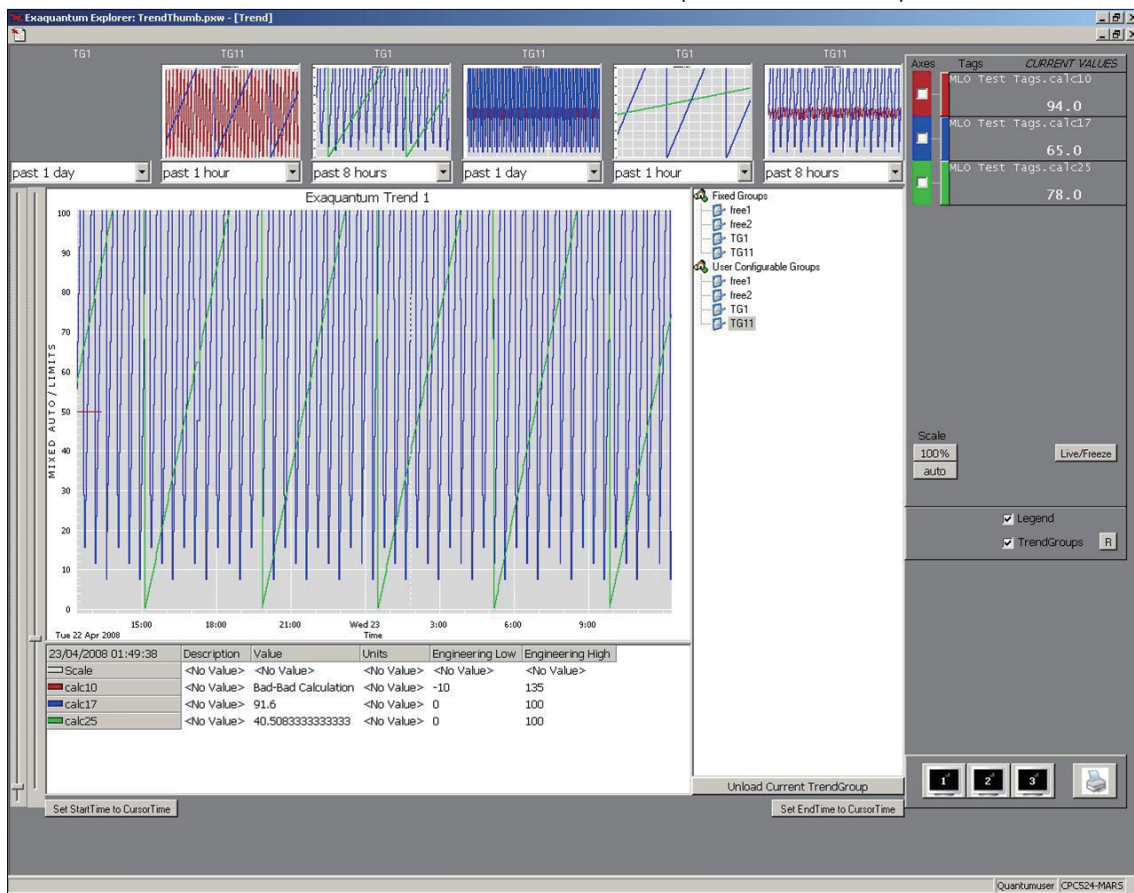
OTM is designed to provide DCS operators with a DCS 'look and feel' user interface.

■ BENEFITS

- Predefined trends allow users to quickly identify patterns in the data
- By relating alarms & events to trend areas of interest, users are able to obtain a complete picture of problems
- Yokogawa HISs (Human Interface Stations) can have an OTM toolbar menu and OTM trends can be associated with HIS graphics

■ KEY FEATURES

- Editor screen to create system wide and user specific trend groups
- Integrated display of trends with alarm and event data screen
- Thumbnail trends screen with quick switching between trend groups
- Intelligent switching between raw and aggregated data provides fast response times
- Trends can be displayed on large wall screens
- Ability to export trend data to the clipboard for further analysis
- Trend groups hierarchy tree
- Create grouped trends quickly by using the drag and drop feature of the Exaquantum Data Selector



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■ HARDWARE AND SOFTWARE REQUIREMENTS

Minimum Hardware and Software Specifications

Component	Minimum Hardware Specifications
Exaquantum/OTM Server	As listed in the Exaquantum R3.02 GS 36J04A10-01E for an Exaquantum Server
Exaquantum/Explorer Clients	As listed in the Exaquantum R3.02 GS 36J04A10-01E for an Exaquantum/Explorer Client

Component	Software Specifications
Exaquantum/OTM Server	As listed in the Exaquantum R3.02 GS 36J04A10-01E for an Exaquantum Server
Exaquantum/Explorer Clients	As listed in the Exaquantum R3.02 GS 36J04A10-01E for an Exaquantum/Explorer Client

The Exaquantum/OTM Release Notes provide exact details of the supported hardware and software.

Exaquantum/Explorer must be installed on the same PC before Exaquantum/OTM is installed.

If OTM will be installed on a different version of Exaquantum, please contact Yokogawa for assistance.

■ MODELS AND SUFFIX CODES

Exaquantum/OTM Product

		Description
Model	NTPC042	Exaquantum/OTM Product
Suffix Codes	-S	Basic Software License
	1	New Order (with Media)
	1	English version
	-B1	OTM Base Server License that includes 5 OTM per-Seat User Licenses
	-YY	Select an Option Code
Option Codes	/P□□	Enter the number of additional OTM User per-Seat User Licenses (01 - 99)
	/C□□	Enter the number of OTM User Concurrent User Licenses (01 - 99)

Maintenance Service for Exaquantum/OTM

		Description
Model	NTPC042	Maintenance Service for Exaquantum/OTM
Suffix Codes	-S	Annual Contract
	1	Always 1
	1	Always 1
	-A1	OTM minimum AMC
	-B1	OTM Server License
	-YY	Select an Option Code
Option Codes	/P□□	Enter the number of OTM per-Seat User Licenses (01 - 99)
	/C□□	Enter the number of OTM Concurrent User Licenses (01 - 99)

■ ORDERING INFORMATION

Specify model and suffix codes.

■ TRADEMARKS

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