

General Specification

Yokogawa's
Exaquantum/AutoTrend

Exaquantum/AutoTrend

GS GMSCD1401-01E

■ The Problem

It is often very difficult for operators to obtain the required process information to assist them with making quick and appropriate plant management decisions.

■ The Solution

Exaquantum/AutoTrend provides the ability to display system-wide, real-time and historical trend information for use by both operators and management.

■ Benefits

- Operators are able to view long-term historical process data directly accessed from their HISs (Human Interface Stations) to improve operations.
- A complete picture of production and process issues can be obtained by viewing the Alarms & Events related to the process trend data for more effective decision making.
- Repeated known issues can be quickly diagnosed using predefined settings allowing operators to be more effective.
- Trends can be overlaid or stacked for more efficient process plant data analysis.

■ Key Features

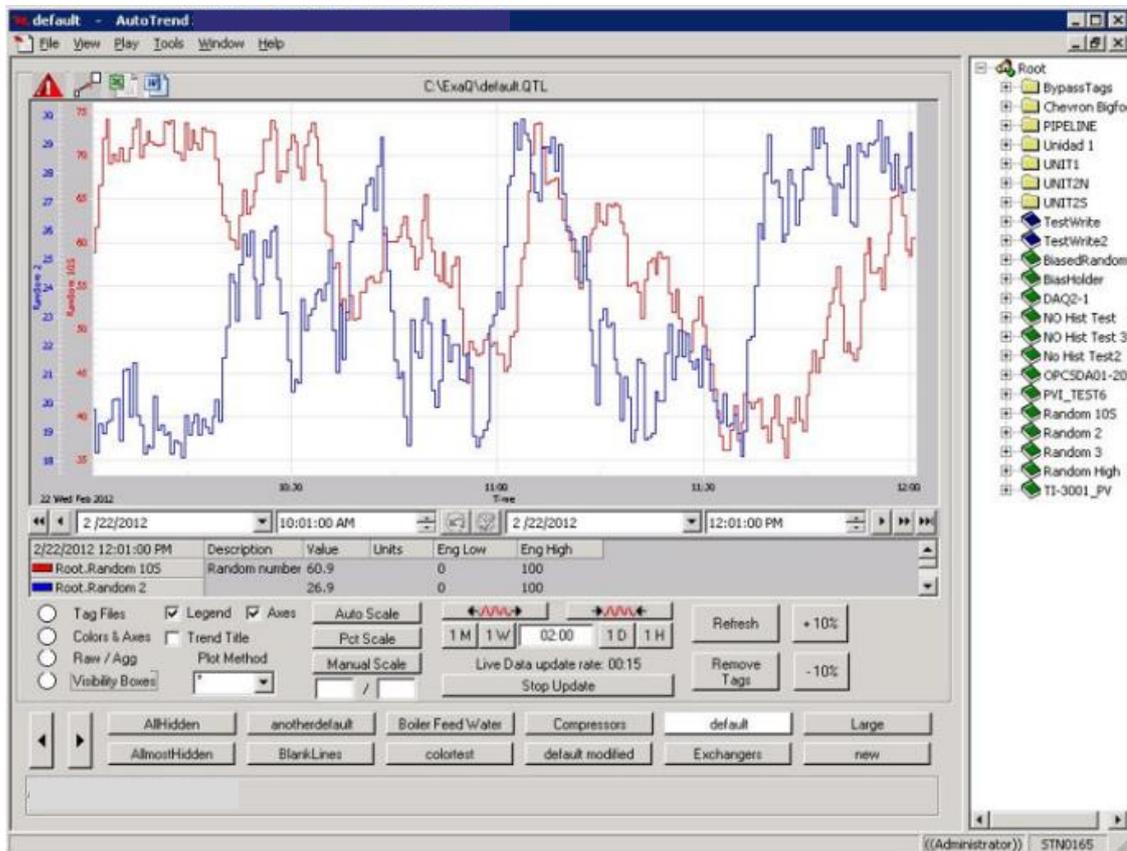
- Ability to select and scale process trends.
- Each user can configure up to 12 trends accessible at any time from any Exaquantum/Explorer enabled PC.
- One-click generation of Microsoft Excel and Microsoft Word reports.
- Users can quickly create trend groups by dragging and dropping tags (data points) from the tag hierarchy tree.
- Custom navigation buttons can be configured.
- Users can print the currently displayed screen.

■ Introduction

Exaquantum/AutoTrend allows DCS operators to open pre-configured trends containing Exaquantum process data to provide an effective interface for configuring and managing trend information and reports.

Custom controls are available to make tasks more convenient and user experience is enhanced significantly by providing easy-to-use trend display manipulation, one-click switching between trends and report generation option for Microsoft Excel and Word.

Exaquantum/AutoTrend is primarily started from a HIS screen by displaying a trend for the selected tag.



■ Hardware & Software Requirements

Table: Minimum Hardware and Software Specifications

Component	Hardware Specification
Exaquantum/ AutoTrend Server	2.2 GHz multi-core processor 4 GB RAM 300 GB disk
Exaquantum/ AutoTrend Client	2.2 GHz Pentium processor 2 GB RAM 4 GB disk

Component	Software Specification
Exaquantum/ AutoTrend Server	<p><Operating Systems></p> <ul style="list-style-type: none"> Windows Server 2008 Standard (SP2) 32-bit Windows Server 2008 R2 Standard (SP1) 64-bit Windows Server 2012 Standard 64-bit <p><Other Software></p> <ul style="list-style-type: none"> Exaquantum PIMS R2.85 Server (Legacy or Standard Security)
Exaquantum/ AutoTrend Client	<p><Operating Systems></p> <ul style="list-style-type: none"> Windows Server 2008 Standard (SP2) 32-bit Windows Server 2008 R2 Standard Edition (SP1) 64-bit Windows Vista Business Edition (SP2) 32-bit Windows 7 professional 64-bit Windows 7 professional 32-bit Windows 8 Pro 64-bit Windows 8 Pro 32-bit Windows 8.1 Pro 64-bit Windows 8.1 Pro 32-bit Windows Server 2012 Standard 64 bit <p><Other Software></p> <ul style="list-style-type: none"> Exaquantum PIMS R2.85 Exaquantum/Explorer Client

■ Licenses and Maintenance Service

Table: Exaquantum/AutoTrend Licenses

		Description
Model	GMSCD14	Exaquantum/AutoTrend License
Suffix Codes	-S	Basic Software License
	1	New Order (with Media)
	1	English version
	-B1	AutoTrend Base Package that provides 5 AutoTrend per-Seat User Licenses*
	-YY	Select an Option Code
Option Codes	/P□□	Enter the number of additional AutoTrend User per-Seat User Licenses in □□ (01 - 99)*
	/C□□	Enter the number of additional AutoTrend User Concurrent User Licenses in □□ (01 - 99)**

*One Exaquantum/Explorer per-Seat User License is required for each AutoTrend per-Seat User License that is used.

**One Exaquantum/Explorer 2:1 Concurrent User License is required for each AutoTrend Concurrent User License.

Table: Exaquantum/AutoTrend Maintenance Service

		Description
Model	GMSCD80	Exaquantum Maintenance Service
Suffix Codes	-S	Annual Contract
	1	Always 1
	1	Always 1
	-14A1	AutoTrend minimum AMC
	-14B1	AutoTrend Base Package
	-14P□□	Enter the number of additional AutoTrend per-Seat User Licenses in □□ (01 - 99)
	-14C□□	Enter the number of additional AutoTrend Concurrent User Licenses in □□ (01 - 99)

■ Trademarks

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