

General Specifications

Model NTPC050 Exaquantum LIMS Data Exchange



GS 36J40F10-01EN

PROBLEM

The secure transfer of Laboratory Information Management System (LIMS) information from often remote areas of the plant to a central location in combination with process data. LIMS data is important to the business and cannot be lost due to network issues or server shutdown.

SOLUTION

Exaquantum LIMS Data Exchange (Exaquantum/LDX) provides an open interface to reliably obtain LIMS data supplied by LIMS packages for storage into Exaquantum/PIMS. This LIMS data, together with the associated process and alarm & events data from Exaquantum PIMS, provides users with a complete data set for analysis.

BENEFITS

- Standardized open LIMS interface
- Secure data transfer
- No missing LIMS data

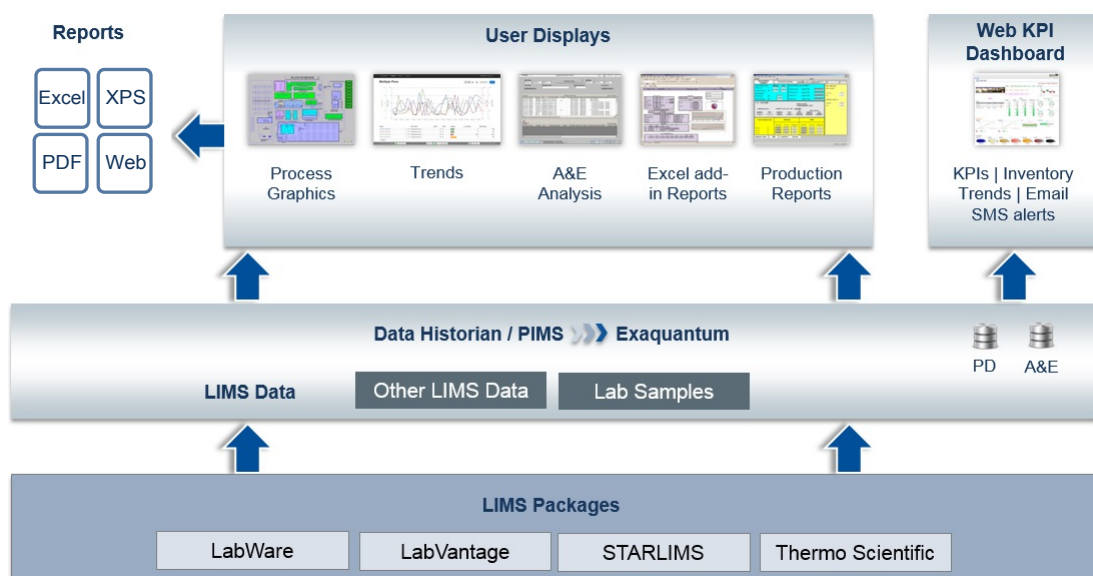
KEY FEATURES

- Automated process allowing LIMS data to be automatically retrieved at regular (scheduled) intervals
- Ability to retrieve LIMS data on demand
- Secure data transfer is based on standard SQL Server or Oracle read-only database views ensuring no current or historical data is lost

INTRODUCTION

LIMS packages, such as LabWare, STARLIMS, LabVantage and Thermo Scientific, provide access to their LIMS data when a test sample is released for transfer by Exaquantum/LDX for inclusion into Exaquantum PIMS.

This LIMS data is stored in Exaquantum tags, enabling the data to be used within Exaquantum graphics, reports, trends, calculations and/or provided to other systems (such as a Distributed Control System).



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■ HARDWARE AND SOFTWARE REQUIREMENTS

Minimum Hardware and Software Specifications

Component	Minimum Hardware Specifications
Exaquantum/LDX Server	Exaquantum/LDX must be installed on an Exaquantum. Details are listed in the Exaquantum GS 36J04A10-01E for an Exaquantum Server

Component	Software Specifications
Exaquantum/LDX Server	Exaquantum/LDX must be installed on an Exaquantum server. Details are listed in the Exaquantum GS 36J04A10-01E for an Exaquantum Server

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

■ MODELS AND SUFFIX CODES

Exaquantum/LDX Product

		Description
Model	NTPC050	Exaquantum/LDX Product
Suffix Codes	-S	Basic Software License
	1	New Order (with Media)
	1	English version
	-SV□	Enter number of Exaquantum/LDX Server Licenses (1 - 9)

Maintenance Service for Exaquantum/LDX

		Description
Model	NTMC050	Maintenance Service for Exaquantum/LDX
Suffix Codes	-S	Annual Contract
	1	Always 1
	1	Always 1
	-SV□	Enter the number of Exaquantum/LDX Server Licenses (1 - 9)

■ ORDERING INFORMATION

Specify the model and suffix codes.

■ TRADEMARKS

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