General Specifications

Model NTPC062
Exaquantum
Data Migration Exchange

Exaquantum

GS 36J40G40-01EN

■ PROBLEM

Historical process data contained in an existing historian must be transferred into a replacement Exaquantum historian before it is removed.

■ SOLUTION

Exaquantum Data Migration Exchange (Exaquantum/DMX) allows process data (which may span many years) to be migrated from data historians (such as PI, IP.21, PHD, etc.) into Exaquantum, allowing users to access their plant data from one historian.

■ BENEFITS

• Transfers historical data from an existing historian into the Exaquantum historian conveniently and efficiently with no data loss
• Reduced cost as users can access plant data from a single source (Exaquantum), removing the need to maintain separate historians
• Removes any barriers to installing a replacement Exaquantum historian if historical process data provided by an existing system needs to be accessible from Exaquantum

■ KEY FEATURES

• Migrating process data is simple and straightforward
• Two conversion scenarios are available dependent upon the volume of data to be migrated

■ INTRODUCTION

Exaquantum collects process data from OPC sources for storage into its Microsoft SQL Server database, which may be held for many years.
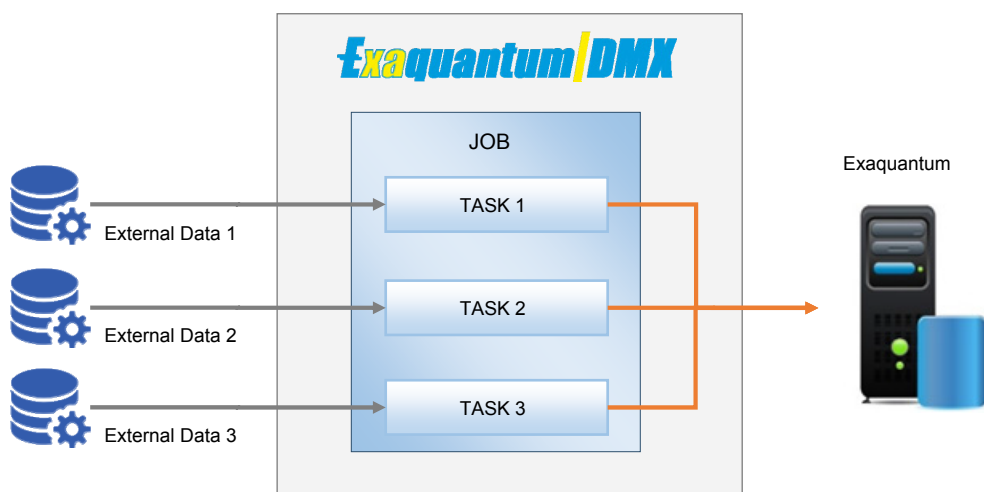
A new Exaquantum installation may include the removal of one or more legacy systems, each of which can have years of process data that needs to be retained for future analysis or auditing purposes.

A convenient solution to this data migration requirement is to transfer the historical data into Exaquantum, removing the need to maintain multiple systems but still providing user access to their plant data from one source (Exaquantum).

Exaquantum/DMX provides the capability to transfer a legacy system(s) process data into the Exaquantum historical database.

Data is typically extracted from a legacy system into CSV files depending on the external data source. Once all of the data has been extracted, it is formatted and made available for Exaquantum/DMX to access for storage into the Exaquantum historical database.

Once Exaquantum/DMX has begun the process data import, it can be paused at scheduled times. When Exaquantum/DMX has completed the data migration, the process data is available to Exaquantum users and can also be archived.

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■ HARDWARE AND SOFTWARE REQUIREMENTS

Minimum Hardware and Software Specifications

Component	Minimum Hardware Specifications
Exaquantum/DMX Server	As listed in the Exaquantum R2.85 GS 36J04A10-01E for an Exaquantum Server

Component	Software Specifications
Exaquantum/DMX Server	As listed in the Exaquantum R2.85 GS 36J04A10-01E for an Exaquantum Server

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

■ MODELS AND SUFFIX CODES

Exaquantum/DMX Product

		Description
Model	NTPC062	Exaquantum/DMX Product
Suffix Codes	-S	Basic Software License
	1	New Order (with Media)
	1	English Version
	-□	Enter the number of Exaquantum/DMX Licenses in □ (1 - 9)

AMC is not provided as an Exaquantum/DMX license can only be used once.

■ ORDERING INFORMATION

Specify the model and suffix codes.

■ TRADEMARKS

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