

General Specifications

Model NTPC059
Exaquantum Batch Recipe Update

Exaquantum

GS 36J40F19-01EN

■ NEED

An Enterprise Resource Planning (ERP) system may require additional information to monitor the progress of a batch currently being created by CENTUM CS 3000 Batch or CENTUM VP Batch.

Exaquantum/Batch, Yokogawa's batch monitoring and analysis package, collects batch recipe parameter values from CENTUM CS 3000 Batch or CENTUM VP Batch when a batch is registered, the start of a batch and the completion of each unit recipe. The ability to collect recipe parameters on demand during the progress of a recipe is not available.

■ SOLUTION

Exaquantum Batch Recipe Update (Exaquantum/BRU) works in conjunction with Exaquantum/Batch and provides the capability to retrieve all or selected recipe parameters for a specified batch on demand by updating the Exaquantum/Batch database with the retrieved recipe values.

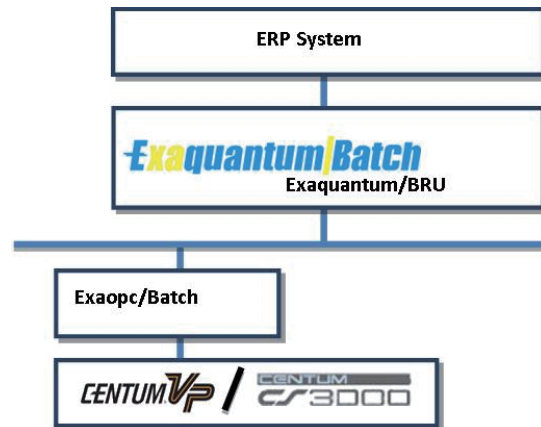
This capability is required when the current values of all or selected recipe parameters of a Batch are required during the life of a Batch. This information can be passed to 3rd party packages (such as an ERP), used within Exaquantum/Batch reports or for Exaquantum/Batch analysis.

■ TECHNICAL INFORMATION

The Exaquantum/BRU software package performs the following steps when requested Benefit 2

1. Call Exaquantum/BRU with a Batch ID and optionally a list of recipe item names.
2. Extract from Exaquantum/Batch the formula items for the specified Batch ID, optionally this will be constrained by the recipe item names supplied.
3. Request via Exaopc/Batch the Batch recipe items values.
4. Update Exaquantum/Batch with these values.
5. Return true if the operation is successful.

Exaquantum/BRU is supplied as a .NET 2.0 DLL that can be called from user created code such as Microsoft VB script or VBA in a MS Excel report.



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■ KEY FEATURES

Key features include:

- On-demand updating of the Exaquantum/Batch database
- The ability to retrieve all or selected parameters for a specified batch.

■ HARDWARE AND SOFTWARE REQUIREMENTS

Minimum Hardware and Software Specifications

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

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

■ MODELS AND SUFFIX CODES

Exaquantum/BRU Product

		Description
Model	NTPC059	Exaquantum/BRU Product
Suffix Codes	-S	Basic Software License
	1	New Order (with Media)
	1	English version
	-SV□	Enter the number of Exaquantum/BRU Server Licenses (1 - 9)

Maintenance Service for Exaquantum/BRU

		Description
Model	NTMC059	Maintenance Service for Exaquantum/BRU
Suffix Codes	-S	Annual Contract
	1	Always 1
	1	Always 1
	-SV□	Enter the number of Exaquantum/BRU Server Licenses (1 - 9)

■ ORDERING INFORMATION

Specify the model and suffix codes.

■ TRADEMARKS

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- Other company names and product names mentioned in this General Specification are registered trademarks of their respective companies.