



## Why am I unable to see Operation Start and End times in Reports?

There is no easy solution to this problem as it is actually a limitation of Exaopc Batch. Exaopc Batch has a throughput of 2000 items per second (4000 on newer systems with very specific configuration). For details on Exaopc Batch through put see the NTPF100 Exaopc OPC Interface Package GS (GS 36J02A10-01E). This includes both Batch and Process Data items that are required to be collected.

Exaquantum/Batch uses OPC Batch to monitor changes in status of Equipment as well as the specific control recipe entities such as Control Recipes (Batches) and Unit Recipes. On most sites if Operations were to be added to this list the maximum number of items would easily be exceeded. For that reason although there are database fields to store this level of detail it is not obtained using Automatic Batch Data Collection at this time.

There is also a limitation in CENTUM VP Batch which means that the Operation Level Start Time and End Time property values are not made available to Exaopc so these values will always be null.

The names of the Operations are however collected and stored in the RecipeRPE table but not displayed in BatchWeb. Operation Names are obtained from the Master Recipe not via Exaopc Batch.

Yokogawa recommends that if this level of information is required then the project be engineered to write the information into common block items which will be read by ABDC as formula item data and can then be accessed from reports.

Exaquantum /Batch Releases Affected
All