



Does Exaquantum/Batch support redundant systems?

It is not possible to have two independent servers acting as a redundant implementation of Exaquantum/Batch. This is because of the way data is collected which would make it impossible to guarantee absolute redundancy.

There is also no mechanism in Exaquantum/Batch to replicate the database between two servers so because each server will start and stop individual the information in the databases would invariably be different.

If true redundancy is required then a solution like that provide by the EverRun solution from Stratus <https://www.stratus.com/solutions/platforms/everrun/> would be required.

Exaquantum/Batch does monitor up to two HIS Batch Servers per recipe group but needs access to the Engineering Work Station in order to read the actual master recipe information if any changes are detected.

Exaquantum PIMS Process Data and Alarm and Events can be obtained using Exaopc/RD.

Exaopc/RD does not support the OPC Batch protocol. It is however possible to manually switch ABDC to use a different Exaopc/Batch server in an Exaopc/RD pair if required. For this to be performed both Exaopc/Servers would be configured as individual gateways in Exaquantum as well as the Exaopc/RD gateway. The Exaquantum/Batch System Configuration tool can then be used to switch between the two. The System Configuration tool will stop and then restart ABDC using the new Exaopc Server as soon as the changes is applied.

Exaquantum /Batch Releases Affected
All