



# How do I use the Batch Database?

The batch production database is called 'QBatch' in SQL Server.

All batch data collected by Exaquantum/Batch is stored in this database.

BatchWeb uses the data in the QBatch database to dynamically generate the web pages displayed to users.

The Exaquantum/Batch administration tools also use the tables in the QBatch database.

In addition to the tables, the QBatch database contains a series of database views, or virtual tables. The views provide a simplified method for reading batch, equipment and master recipe data. User defined reports and application programs should always use the views for reading data from the QBatch database.

*Note: Using views rather than the underlying tables provides proof against schema changes which might be required when the system is upgraded. Views are also more user friendly in that timestamps can be read easily in local time and filtered by names rather than internal identifiers.*

Custom Views created using the Formula Selection View Manager are also stored in this database. Custom Views can be used to restrict the amount of data from which selection is require to relevant formula item data based on the current version of the Master Recipe.

*Note: If common block data is defined as an array in CENTUM CS3000 or CENTUM VP batch system then ABDC will read and store all array elements not just those that are used in the recipe logic. This is another reason why using Custom Views can improve usability of the data stored.*

Exaquantum /Batch Releases Affected
All