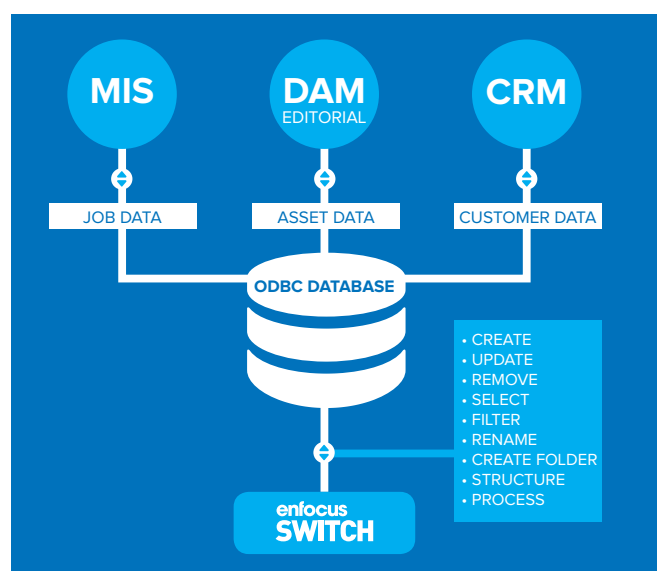# ENFOCUS SWITCH
DATABASE MODULE

The Switch Database Module provides a direct OBDC communication between any SQL datasource and Switch without the need for additional scripting.

Take advantage of customer and job information residing in your estimating and scheduling system to automate tasks and eliminate redundant data entry by your staff e.g. you can pick up information about the paper stock specified for a job from your MIS system, and use this information to set ink coverage limits using an ink optimization application. Or, use the copy count to determine which press will be used to print a particular job.
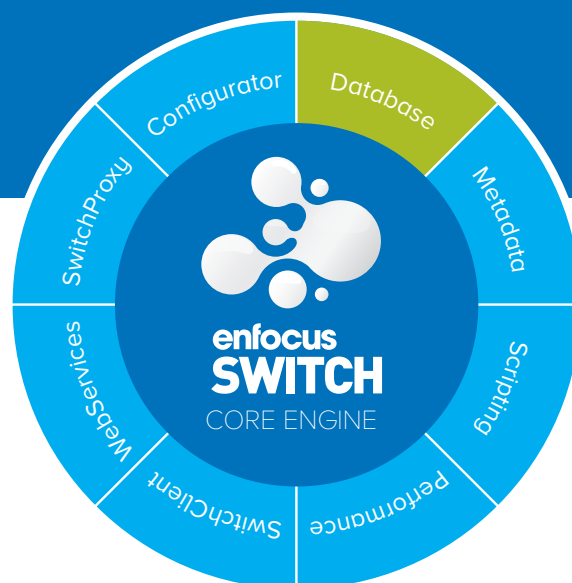
Moreover, it's also possible to update the information in your database from within Switch to store information obtained in the workflow, such as notifications that the job is complete or to save the preflight status. Additionally you can add or delete records in your database (if permitted) and use stored procedures.

The illustration below shows how data from different types of database applications (MIS/DAM/CRM) can communicate with Switch through ODBC data sources.

DATABASE FIELDS IN SWITCH CLIENT AND CONNECT

If you're using SwitchClient or a Connector (created with Enfocus Connect) to submit jobs to Switch, the Database Module offers an extra feature, i.e. the possibility to present database values to

users and allow them to attach the appropriate values to the job. For example, instead of asking users to input the correct customer ID (and introduce the risk of typos!), you could show them the list of customer IDs available in the database to choose from.

DATABASE CONNECT

The Database Connect flow element allows you to establish a connection with the database of your choice (using ODBC data sources) and to build an SQL statement to determine what data should be collected, added, modified, filtered, changed...

The query will always report the status, which allows you to see if it was successfully executed. Information collected from the database is available as XML metadata that can be used throughout the flow to increase the level of automation.

DATABASE VARIABLES

Additionally, the Database Module gives access to an extra group of variables: the Database variables. These variables can be used in the same way as the "regular" Switch-internal variables. At run-time, the values will be taken from your database — making sure you are using up-to-date information.

SYNERGIES WITH
- SwitchClient Module
- Switch Metadata Module
- Enfocus Connect

ENFOCUS SWITCH
More info at www.enfocus.com/switch or via info@enfocus.com