



DataSwitch 5 for SYSPRO

DataSwitch 5 is a purpose built system integration and data manipulation tool. Capable of processing data from EDI files or database transactions it offers a user friendly interface that allows non IT personnel to automate tricky repetitive data import and export tasks. It is ideally suited for generating multiple transactions from a single input and can be configured to alert operators in the event of any transaction failure.

The value of DataSwitch

- Automatically retrieves and instantly processes documents as they arrive
- Routes and processes documents without operator intervention
- Extensive error handling and document correction routines
- Reduces lead time between trading partners
- Eliminates duplication of effort and removes non value added tasks
- Interacts with any available SYSPRO business objects. (e.g. create a sales order from an EDI file)
- Can be driven from SQL transactions as well as EDI files
- Generates multiple transactions from a single starting point.
- Transforms text files to XML
- Splits text files into a manageable size
- Conditional processing of the content of the file.
- Uses Web services to drive DataSwitch

Matching DataSwitch to your business

- Provides a global business-to-business and business-to-consumer solution
- Sends email notifications on processed data
- Provides a robust integration engine for disparate applications
- Offers 24 hour processing of customer and supplier transactions
- Reduces manual processing
- Increases data accuracy
- Easier correction of data coming from external companies
- The in-built user security allows operators to monitor transactions they have been allocated without being able to update the system setup or see transactions from other departments

Examples of using DataSwitch

■ Importing of Sales Orders

Users can receive files in various formats from their customers which DataSwitch can archive and convert into XML before creating sales orders directly in SYSPRO. DataSwitch can also be used to pre-process these files and post a series of different transactions based on the content of the files.

■ Automatically emailing invoices to customers

When invoices are raised in SYSPRO, transactions can be generated in DataSwitch so customer specific xml files can be saved in specific directories for exporting as EDI invoices.

■ Importing orders from Web sites

Sales orders created on web sites can be emailed or copied to DataSwitch which in turn can create a customer, import the sales order and email a response to the customer.

■ Posting transactions from SQL triggers

When transactions are posted into an SQL database DataSwitch transactions can be inserted via SQL triggers to invoke specific actions e.g.

When invoices are generated in SYSPRO; SQL triggers are fired to insert transactions into DataSwitch so stock can be booked in and A/P invoices can be posted to remote SYSPRO sites.

SYSPRO Report Writer reports are being run to identify WIP jobs with an outstanding value; this data is then passed to DataSwitch so the jobs can be closed with the value being distributed to the nominal codes identified within this report.

■ Importing of Sales Orders

When stock in a distribution warehouse falls below a minimum level and there is stock available in the main store an SCT (Supply Chain Transfer) can be raised in SYSPRO to request replenishment stock.



DataSwitch 5 for SYSPRO cont...

- Importing stock codes, BOMs, prices etc.**
 Stock codes and BOMs can be created or updated based on extract files from sources including 3rd party CAD applications.

- Synchronising warehouses with another warehousing suite**
 Companies that choose to outsource their warehousing can import remote transactions into DataSwitch so stock levels and transactions can be synchronised within SYSPRO.

