



DSS's has partnered with Blackwing to bring Interchange to the United States. This agreement is fully supported by both DSS and the creators and integrators at Blackwing, ensuring the DSS standard of 100% support, 100% compatibility and 100% client satisfaction.

What is Interchange?

Interchange is a fully functional and cost effective ERP system that allows for seamless, real-time, cross data source / platform, data analysis and systems enhancement.

Interchange is a middle-ware designed to bring all of your systems together into a single data management point. This consolidation of data allows our clients to easily analyze all aspects of their business (often from multiple software solutions written by multiple people) in a single tool, expanding it where necessary to ensure that their business remains at the top of the software game without the usual major expense.

Through the unique use of a proprietary scripting engine data extraction, comparison and manipulation can be customized at any level in the process, reducing both the cost and time of system expansion and analysis.

One system... All your data... Real time...





PROCESS FLOW

Connectors

What is a Connector? A connector is the communication layer that sits on top of your software allowing Interchange to communicate directly with your data. This data sharing is completely dependent on permissions granted to Interchange in terms of Create, Read, Update, Delete, so you have the ability to restrict Interchange to a specific function if that is your business requirement.

Connectors allow Interchange to communicate with third party software using the same protocols. There are a number of Connectors that allow communication to various platforms, but, if your software is completely unique or we don't have a connector for it yet, a connector will need to be written for your software.

Data scripts

Once we have established a connection to your software (Connector), scripts are used to perform functions against it. Scripts can do anything from simply extracting data (Read-only mode) to complex data manipulation and reporting functions. Scripts work on the basis of an Trigger/Action relationship. For example, a trigger may be a scheduled event at 09:00am each morning. The action related to that trigger may be to extract a debtor list and age analysis, product PDF files and send invoice reminders via email to your clients. Or it could be to detect a new bank statement in a folder and automatically import and assign payments. Anything you can think to do with your data, Interchange Scripts can facilitate the transaction





Digital Software Solutions

Where business meets innovation and software happens

DSS is a Mississippi-based company that specializes in assisting companies in creating or enhancing all aspects of their digital journey, from custom development systems, to fully functional, real-time ERP data integration and analysis, DSS has it all.

DSS works with senior developers, engineers and analysts at a global level, allowing us to bring top developers on board no matter what size your business is, or where you are growing to.

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IMPLEMENTATION CYCLE

Phase 1: Determine the scope of the Interchange connection.

Like any project, the definition of success should be documented prior to commencing. In most cases this is already done before an ERP middle-ware system is considered.

Phase 2: Create the connectors

Interchange needs to establish connections to the source data and the target data systems.

Phase 3: Create scripts

Once connected, the scripts will be created, scheduled and compiled to run automatically to perform the pre-defined tasks.

Phase 4: Monitor and maintain the scripts

Using secure standards, Interchange is completely remote-controllable, so on-site support is largely unnecessary even to update scripts and connectors, again reducing system overhead.

Interchange also separates the workflow (Scripts) and technology (Connectors), so that either can be updated without the other being effected.

NOTE: Interchange is 100% reliant on access to your systems, BUT YOU GOVERN THE EXTENT OF THE ACCESS