

# iPOS Connections (Technical)

## Overview

iPOS Connections provides a virtual platform upon which to create congruent systems integration whilst also providing the facility to enhance core functionality in legacy applications. Even existing 'integrated' business systems can benefit as the power behind the Connections engine levies robust data management, proactive fault tolerance and manual exception management, by non-technical users.

## Architecture

iPOS Connections offers both end-to-end integration between disparate systems and/or the construction of a Service Orientated Architecture (SOA) whereby interfaces to legacy systems are consumed or created, and then exported via Connections to provide on-demand real-time and scheduled integration.

These integration paths are created through a graphical drag-and-drop front-end that allows a user with limited development skills to construct logical 'Flows'. These flows are made from a library of modular blocks presented by the Connections environment that allow the rapid deployment of supportable, efficient, and scalable solutions.

Through the use of a web-enabled front-end (optional) business users can manage data exceptions and/or have the ability to interact with the integration process, reducing the reliance on technical support and allowing the integration of previously incompatible systems.

## Benefits

Below are just some of the benefits iPOS Connections can bring to your business:

- One user interface for all integration; less knowledge, skill and resource requirements and full visibility
- Quick and powerful solution deployment bringing virtually immediate business wins
- Allows the creation of a hybrid solution by maximising the functionality and features of your existing applications in one business entity
- Business user exception management allows non-technical users to interact with the integration process, whilst adhering to constraints enforced by the system.
- Custom solutions on a managed, supportable platform (your reseller can support YOUR integration!)

- The ability to treat one integration process as a 'flow' easily distinguishes the scope and interactions of given systems, reducing TAT and facilitating full end-to-end testing
- The visual appearance of a flow aids in bridging the gap between business and functional requirements, avoiding common miscommunication between technical and business sponsors.

## Key Features

- Live, batch, scheduled and/or real time integration between multiple systems
- Service Orientated and/or direct integration as desired
- Full error logging and exception notification can be build in to any flow(s)
- Utilizing the modular functions in Connections, manipulation of the data and decision making logic allows the enhancement of existing functionality in current business applications
- Modular design allows additional 'blocks' / libraries to be dropped in at a later date – this new functionality is automatically picked up by the Connections engine
- A 3 tiered application design means that your Connections infrastructure can grow to meet the needs of your business now and in the future
- Data exception management is provided a .NET web application resulting in zero foot-print for end users.
- A built in 'Datastore' function allows message state to be saved and resumed/accessed at a later time, facilitating complex integration with multiple dependant systems.

## Example Uses

- Asset management
- Supply chain integration
- Stock updates
- Financial systems
- EDI management
- Report generation / verification
- Property & maintenance
- Shared business systems (user data, addresses, sales, clients etc)
- Email suppliers / users data & event driven information
- Banking