



C O O P E R S O F T W A R E

Case Studies



At Cooper Software we never stand still.

Over the last year or so we have delivered a number of innovative solutions for clients using our pioneering software development methodology and tools.

Here are a few examples...



Case Study 1



Babcock Marine

Barcode Application

Requirement

To design and implement several bespoke transactions to handle and track a significant amount of material and parts and ensure visibility of equipment at all times across a 200 acre site as part of the largest single engineering project in the UK.

Solution

A customised barcode application to provide the necessary Equipment Tracking and Inventory Management capability.

These transactions include the arrival of a purchase order, moving stock to inventory (put away), changing the part location and issuing parts to IFS shop orders.

The solution is to be used initially by 20-30 operators for issuing and tracking 225 items per day; this volume is likely to rise as the project progresses.

Comment

“The Cooper Software team engaged immediately with the business to expedite the project. Their innovative thinking helped engage the users and a very clever, innovative yet simple to use solution was found to solve what could be a potentially very big problem”

Application Delivery Manager





Bristow Helicopter Group
Business to Business EDI Extension

Requirement	Solution	Comment
<p>To alter the existing Business to Business EDI solution to allow users in the eastern hemisphere to place purchase orders onto a supplier system with specific processes.</p> <p>This alteration must function in exactly the same way as the western hemisphere application for price and availability requests and purchase order placements.</p>	<p>Bristow naturally approached Cooper Software to provide the required extension after the success of the initial solution that Cooper Software implemented for the western hemisphere.</p> <p>The web-based application integrates into Bristow's IFS system and provides a secure platform to automate ordering of new parts for aircraft. The solution provides a 500% operational efficiency improvement.</p>	<p>“Cooper Software delivered a solution which has significantly improved the purchase ordering process with key suppliers across our global supply chain. A key requirement of the solution was a reporting capability which enabled us to react quickly to identify and resolve issues – and the Key Performance Indicator matrices provided as part of the overall solution delivers detailed performance analysis.”</p> <p><i>Strategic Sourcing Manager</i></p>



Case Study 3



Celestica

Expert Staff Augmentation

Requirement

A need for high quality software personnel across a range of disciplines including software development, database engineering, testing, project management and support to ensure the successful on time delivery of a major in-house software development project.

A capable infrastructure needed to be established to safeguard the roll-out of a global application.

Solution

Cooper Software quickly engaged with Celestica and provided an expert software development team to augment the internal team. Remote working solutions were also established where discrete packages of work were handled off-site, relieving work load on the on-site team.

Bringing in a best practice and professional approach, project delivery dates were met successfully and a high risk project was guided to a successful conclusion.

Comment

“The Cooper Software team was extremely flexible and rapidly an augmentation team of 8 expert engineers were deployed on site – doubling the size of our existing team. This was no mean achievement as the location is not in a city centre and other resourcing options had proved less successful. Solutions were delivered rapidly and project timescales were both met and accelerated, in tandem a comprehensive set of software development practices and processes were established to ensure future software developments could be expedited.”

Director



Celestica[™]



First Milk Limited Barcode System

Requirement	Solution	Comment
<p>Due to complex procedures for managing material in the manufacturing shop order processes, existing data entry processes are prone to keying errors and a lack of input validation results in time-consuming data correction.</p> <p>The scanner hardware that was previously purchased requires complex and expensive modifications to support the existing process.</p>	<p>A simple and user-friendly Windows application fully integrated into the IFS system and developed specifically to reduce unnecessary data entry.</p> <p>An additional pallet scanning function allows users to scan in SSCC labels and the data entry screens have been designed to follow the logical flow of the business process and eradicate keying errors resulting in a 75% reduction in time taken to perform each of the existing procedures.</p>	<p>“Cooper Software provided us with a simple and effective solution which will save our workers a significant amount of time each week. They helped us define our requirements and provided friendly support throughout the process. The solution was delivered smoothly and quickly”</p> <p><i>ERP Operations Support Manager</i></p>



Case Study 5



Integra

Barcode Application

Requirement

To change the way the company currently handles advanced shipping notifications (ASN's) and customer orders and the process for the labelling of individual handling units, boxes and pallets in order to meet key contractual commitments with clients whilst improving the process flow and minimising the risk of incorrect data entry.

Solution

EDI integration and a two part barcoding solution consisting of a server and hand-held application which communicate in real time, over radio frequency (RF) networks as items are picked. This seamlessly integrates with IFS while streamlining the existing report picking process. Additionally, a label printing solution was developed that provides the automation of customer order acceptance, processing and ASN generation.

Integra reports a 100% accuracy rate since the application went into production over six months ago.

Comment

“The Cooper Software team worked efficiently, and diligently coordinating this project – which also included other 3rd party IT vendors we have. The new technology and system is delivering real benefits to the Company and a lot of credit has to be given to the flexible manner in which the Cooper Software team was able to adapt with the changing requirements and our end customer's changing deadlines.”

Supply Chain Controller





BSkyB

Data Fix Utility

Requirement

BSkyB has asked Cooper Software to provide a number of different applications and services for the supply chain. Most recently required was a means of allowing non-technical end-users the ability to execute pre-defined IFS Data Migration jobs.

Solution

An IFS Data Fix Utility was developed that provides a facility to allow users the ability to execute migration jobs in a controlled and user friendly environment. As a consequence, BSKyB is able to make potentially complex changes to data without the need for any technical knowledge and in a safe and controlled manner.

Comment

“The Cooper Software team was extremely effective and in a very short space of time we started noticing benefits in terms of the technical experience they provided us with and the manner in which they were able to expedite tasks quickly and correctly.”

*Supply Chain
Component Manager*





Cooper Software is a systems integration specialist, with expertise in integration, customisation and optimisation of large scale Enterprise Resource Planning (ERP) systems.

Proven Capability

Cooper Software has developed an innovative range of unique applications known as IFS Extensions™. These enable users to seamlessly, securely and in real time integrate and extend IFS Applications™, and expand the functionality of IFS. Founded in 2005, Cooper Software is now the largest independent provider of technical services for IFS Applications™ in Europe.

Trusted Quality

Cooper Software, its partners and associates have delivered hundreds of solutions for clients all over the world. With offices in Scotland and Sweden, Cooper Software's focus and expertise helps clients maximise the return on investment in ERP software. 100% of clients re-engage with Cooper Software on secondary projects, examples of which can be found in the case studies listed in this document.

Strong Relationships

Cooper Software has a unique partnership in the UK with IFS, a public company founded in 1983 that develops, supplies, and implements IFS Applications™, a component-based extended ERP suite built on SOA technology. In May 2011, Cooper Software and IFS signed a business partnership agreement.

For further information

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