

# Accountant in Bankruptcy

## System Design, Development and Support

### Challenge

The Accountant in Bankruptcy (AiB), an Executive Agency of The Scottish Government, is engaged in a significant Bankruptcy Business Change (BRBC) programme designed to change the execution of its business processes, activities and functions.

The Bankruptcy Reform changes will contribute towards achieving the aims of UK and Scottish Ministers. In phase 1 of its BRBC project, AiB commissioned a new case management system, MIDAS, to fulfil its ICT strategy. MIDAS is a bespoke application which uses TIBCO's BPM product, iProcess™ Suite to provide workflow functionality. Phase 2 of the BRBC project focuses on the implementation of the business and system changes required to meet the needs of the Bankruptcy and Diligence (Scotland) Act 2007 (the Act).

AiB contracted Amor Group to complete the necessary changes to meet the mandatory requirements of Phase 2 of the BRBC.

### Solution

To capture detailed user requirements on the functional areas of application Amor Group held a series of workshops with the AiB team. Amor Group reviewed the MIDAS architecture and recommended areas for possible design improvements. This included rationalisation of configuration files and auditing capability across the application. A review of the Service Layer with a view to a 'weblication' style system, consolidation of the data access layer and an introduction of click-once deployment to reduce the support overhead. Amor Group recommended the removal of unnecessary configuration tables within the database and a review of the workflow functionality provided by iProcess™ Suite with a view to replacing it with a more cost effective package.

Amor Group carried out detailed investigations of 3 areas. An Audit Event record was created to record business operations which cause database data change. The existing Service Layer was reviewed with recommendations to remove certain classes within the application architecture which were creating performance and maintainability issues. Amor Group standardise of the service classes in line with industry standard practice and improve of performance and scalability.

Amor Group represented AiB during detailed discussions with Registers of Scotland (RoS) and reviewed the existing interface between the MIDAS application and the Register of Insolvencies (RoI) and recommended the introduction of an automated test suite.

Options for providing external access to Agents working on AiB's behalf were reviewed by Amor Group which included the rollout of the existing MIDAS client to Agents and a rewrite of MIDAS as a Microsoft ASP.NET and Silverlight web application. Amor Group hosted workshops and developed prototypes to test the functionality required for two areas of AiB's planned changes to the management of Agent Contracts.

### Result

Amor Group implemented delivery services during this project as well as ongoing maintenance and support of the MIDAS application including changes to several Crystal Reports including Phase 2 mandatory changes, Service Layer improvements and Auditing Improvements.

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**“In this project Amor Group adhered to challenging timelines whilst being responsive to our needs and understanding of our experience in the field. The relationship and confidence has developed and we have already embarked on further projects together.”**

Keith Jenkinson, Change and Programme Manager, AiB

### Solution Overview

Hosted workshops with AiB team to establish detailed user requirements

Carried out a review of the MIDAS architecture and provided recommendations for design improvements

Reviewed interfaces between AiB and RoS

Implemented Phase 3 changes and developed prototypes

### Benefits

User friendly system which meets the needs of AiB users

Improved system performance and scalability

Easy to maintain, testable interface

The system complies with current legislations

Reduces the risk of penalty fees

Better communication interface between AiB and RoS



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