

# Information Management

Global Issuer of Structured Financial Products

**Stakeholders:** Chief Financial Officer and Head of Sales

## Goal

- ◆ Eliminate the manual effort involved in collecting and combining sales credit data from spreadsheets into a master spreadsheet, and introduce role based access control, auditing, and an approval workflow.

## Results

S23M Managing Partner Andrew Shewring led the design and development of a multi-user client-server application for storing sales credits attached to transactions involving structured financial products. The application uses a familiar spreadsheet metaphor, as users previously used to store sales credit data in spreadsheets with a standard template – an error prone and time consuming process.

The first version of the application was delivered and deployed to production within one month. It is now used extensively across the organisation, and at least three other systems now rely on it to manage organisational sales credits.

- ◆ An application with a rich user interface that includes an approval workflow for all trades entered by salespeople (“four eyes” principle), as well as an audit trail of all changes, and fine-grained role based access control.
- ◆ Real-time collaboration. Users are informed in real-time about changes to trades visible to them. All changes to reference data (in drop-down menus or filtering controls) are provided to clients in real time.
- ◆ Analytics. Extensive sorting and filtering is provided to navigate through the data, with summary data available directly in the user interface. Administrators have the ability to export trades to Excel for further analysis.



**S23M**

Australia  
New Zealand  
Switzerland  
Web

ABN 68 990 791 224

+61 4 2475 8540  
+64 21 165 9965  
+41 7 8717 3929  
info@s23m.com

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## Big data

**Databases:** Implementation of relational databases, graph databases, key value stores, selection and implementation of cloud storage solutions and enterprise content management solutions, database performance analysis and tuning.

## Small data

**Information architecture development:** Enterprise data modelling, schema modularisation, semantic data integration, metadata management, implementation of role based access control.

## Data quality assurance

**Quality maintenance:** Data quality analysis, master data management, data integrity validation and reconstruction, data cleansing, design and implementation of document management and record management solutions.



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