

# Information Management

The Economist Group, UK & USA

**Stakeholders:** Chief Information Officer and Group Chief Technology Officer

## Goal

- ◆ Domain analysis and domain engineering to increase the level of agility in online project delivery.

## Results

S23M analysed the operation of the Economist.com, EIU.com, and CFO.com product lines with respect to productivity and agility in the product development cycle (product management, content development, quality assurance, support).

- ◆ Reviewed and elaborated findings with the stakeholders, and developed an actionable roadmap for tackling the identified challenges and issues.
- ◆ Provided training and knowledge transfer regarding the implementation of agile software development and software product line engineering approaches.
- ◆ Defined a disciplined agile software development process that explicitly addresses the role of a Platform Team and the interaction between Web development projects and the platform development stream.
- ◆ Domain-specific models for layout, stories, and user/customer.



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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.

