Case study **Defence Client** Data and Analytics Service



PROBLEM

Our Defence client needed to design, develop and implement a self-service reporting capability to provide analysis of key business data sets across the organization.

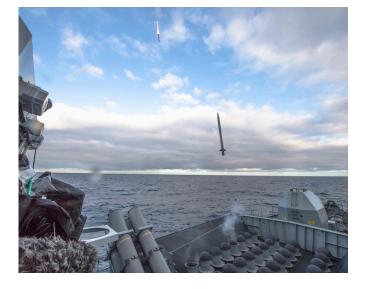


Already experienced and adapted to using Agile development methodology, they wanted help building this as a Data and Analytics service to bolster internal development capacity and capability, and to meet the ambitious scope as outlined in their 2020 IT strategy. This also involved moving toward a Microsoft Azure cloud analytics platform with development requiring this technical architecture in mind.

AIM

The client had already developed a series of prototype dashboards using Power BI. The product backlog and requirements of these dashboards were in their infancy, with work needed to further develop the:

- User stories
- PoC design
- Wireframes
- Sprint development plans





Each dashboard required a number of data sources to be integrated (building ETL) to an underlying Microsoft SQL Server 2016 Data Warehouse, with reporting output provided to end users through a Microsoft Power BI dashboard. The architecture and quality of the required data was unknown at time of initiation, meaning a strong understanding of how to model and integrate data was required. The end users varied in seniority and familiarity with the data, requiring us to provide developers with a strong understanding of visualization, stakeholder management, training and dashboard techniques to present key insights in the most effective and intuitive way.

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APPROACH

We provided five agile teams delivering:



RESULT

Many of the dashboards have evolved from Proof of Concept to full production use in the organisations "hold to account" meetings, which are a repeating series of meetings where the executive review objectives and priorities, through KPIs shown on the dashboards, with the department leads who are responsible for their completion.

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