



Maritime & Coastguard Agency



IJYI SELECTED BY MARITIME AND COASTGUARD AGENCY AS DATA PARTNER TO DRIVE OPERATIONAL EFFICIENCY

The Maritime and Coastguard Agency (MCA) carries out vital work across the UK to prevent the loss of life on the coast and at sea, while also implementing safety policy and maritime law.

DRIVING OPERATIONAL EFFICIENCY

Among their wide-ranging responsibilities, the MCA provides a 24-hour maritime search and rescue service around the UK coast and in the international search and rescue region through HM Coastguard.

They also inspect and survey ships to ensure that they are meeting UK and international safety rules, provide certification to seafarers, register vessels and respond to pollution from shipping and offshore installations.

As part of a strategy to create Analytically Ready Data for its Data Analysts and Data Scientists to drive operational efficiency, the MCA initiated a tender process that has recently concluded with IJYI's selection as its new Data Partner.

The project involves extending the MCA's existing Microsoft Azure data ingestion platform to incorporate additional data feeds which range from static sources, such as flat files and databases, to real-time sources which include streaming automatic ship tracking data.

The existing MCA-delivered solution focuses on batch processing of data via Azure Data Bricks. This will be reviewed to assess any potential improvements or amendments and extended to incorporate additional data feeds. The platform will be extended to incorporate stream processing of data.

Additionally, the MCA Data Scientists require access to data from multiple MCA systems in order to combine it to derive new insights, drive policies and strategic decisions.



IJYI will implement a collaborative process, sharing knowledge, advising on best practice based on a transparent and flexible commercial model that provides MCA with strong value for money."

Kevin Linsell
CEO





Access to data has been one of the biggest barriers to MCA becoming a data-enabled organisation, with much of our valuable data being locked away in source systems. With the creation of trusted analytically ready datasets, IJYI is accelerating our data strategy and allowing us to gain new insights to increase operational efficiencies.

Jenny Brooker,
Chief Data Architect,
Maritime and Coastguard Agency

COMMERCIAL INNOVATION

IJYI's Data Source Catalogue gives four categories of data source with a simple fixed price for the team to deliver against each classification.

IJYI's outcome focused methodology and Data Source Catalogue provides MCA with maximum value from their budget. This gives a pricing framework which can be applied from 'No Transformation' to 'Complex Transformation'.

"We are working with MCA towards delivering the extended platform with the target outcome of handing over all elements so they can take full ownership of the analytics platform," said Kev Linsell, CEO of IJYI. "Our solution will enable MCA Power BI users, Data Analysts and Data Scientists to access trusted data so that they can create analytical reports, ensuring that their operational activities are efficient, effective and have the best outcomes."



For MCA, having IJYI as a Data Partner to unlock data from multiple MCA systems, will help MCA Data Analysts and Data Scientists to drive more efficient and effective operations and gain new insights."

Laura Henderson
Business Development Manager, IJYI

Why IJYI

MCA required a Data Partner who could help them deliver Analytically Ready Data for MCA Data Analysts and Data Scientists. IJYI's solution is to work collaboratively with MCA, sharing knowledge, recommendations, improvement opportunities and advising on best practice. This outcome focused methodology and Data Source Catalogue gives maximum value from their budget.

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