



“Xicon helped to develop a straightforward, cost effective BI solution in a relatively short space of time which is both performant and simple to use”

Julie Savage, Operations Manager, Information Systems and Technology at UKAEA and driving force behind the project



The UK Atomic Energy Authority (UKAEA), a non-departmental public body, is responsible for the decommissioning of its nuclear reactors and other nuclear liabilities used for the UK nuclear energy programme. Focusing on restoring the environment, the UKAEA's core business is nuclear clean-up. The UKAEA is also leading research into fusion power, aiming to harness fusion's potential as a clean and sustainable energy source for the future.

As part of its ongoing IT investment, UKAEA adopted an enterprise-class application suite to replace a number of disparate best of breed applications in order to implement a cohesive application strategy.

In order to retain the valuable historical data associated with the legacy applications (covering amongst other things Finance and HR), the Information Systems and Technology (ISAT) team recommended that a data warehouse be established. The data warehouse would hold historical data from all of the existing Oracle database environments which supported the legacy software, essentially moving the data from a variety of application schemas into one large database. This would also lead to a rationalisation of the costs associated with infrastructure and ongoing Oracle licensing and support costs.

As many of the existing reports were terminal based and 'hard wired' into the legacy application software and given that the server infrastructure was to be retired, UKAEA worked with Xicon to implement a data consolidation strategy to provide a single view of the data. Xicon recommended an Oracle Business Intelligence solution to produce an equivalent suite of reports to those in the legacy application with the new database environment, allowing for information from the existing disparate data sources to be drawn together.

The reports were made accessible securely through a browser-based application over the company's wide area network, employing a customised user authentication method. Reports were customised to UKAEA standards to aid user experience and familiarity.

The project was undertaken over a couple of months and was developed to time and budget.