



McDermott International Case Study

McDermott International turns to Dynama for birds-eye view of offshore resources around the world

Centralised real-time intelligence enables Houston-based engineering company to maximise talent and capitalise on new opportunities.

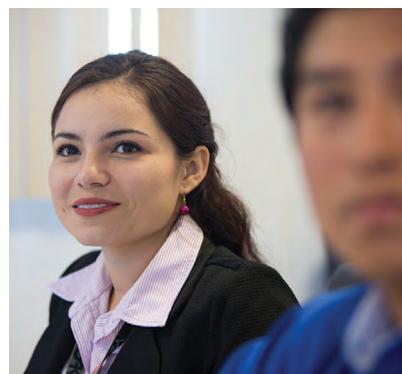


The Challenge

McDermott is a leading provider of integrated engineering, procurement, construction and installation (EPCI) services for upstream field developments worldwide. Headquartered in Houston, Texas and operating in more than 20 countries across the world, McDermott's locally focused and globally integrated resources include approximately 11,200 employees, a diversified fleet of specialty marine construction vessels, fabrication facilities and engineering offices.

The company is renowned for its extensive knowledge and experience, technological advancements, performance records, superior safety and a commitment to deliver. This is critical in an industry that has seen rapid growth over the past five years leading to a plethora of huge, complex engineering projects that demand a highly skilled and adaptable workforce.

To maximise its worldwide pool of talent and resources and to capitalise on new business opportunities, McDermott was looking for a faster, more agile way of integrating all crew and training information including the ability to capture real-time intelligence relating to staff, their exact whereabouts, and if they are fully qualified for a particular role or project. Top of the agenda was replacing McDermott's time-consuming, manual processes with an automated solution that could replace the company's numerous spreadsheets, various databases and many paper files into one single database available to all.



The Solution

After a thorough evaluation of the marketplace, McDermott selected Dynama out of a final three contenders, and purchased Dynama Solutions, which is specifically designed to help organisations simplify the task of finding, deploying and managing appropriately skilled staff in the challenging marine environment. The new software solution has consolidated McDermott's in-house developed safety training database, a third party application for crewing, as well as numerous spreadsheets, paper files and access databases and brought together all relevant staff information in one place.

Since January 2014, McDermott has used Dynama Solutions to schedule 7,075 people across 11 primary vessels, in addition to a number of support vessels, and 4 marine bases involving fluctuating activity levels.



Benefits

McDermott has realised a series of significant benefits since using Dynama Solutions. Highlights include:

- Global scheduling – Dynama Solutions acts as a central repository with accurate, real-time intelligence on all staff around the world making it quick and easy to develop an effective skills matrix that manages talent and deploys resources effortlessly
- Cross-organisational collaboration – a major benefit to the organisation as a whole is the increased collaboration between separate but complementary business functions such as Crewing Logistics, HR, and the Quality, Health, Safety, Environment and Security (QHSES) department
- Managing client expectations – project managers can view and print career résumés, training and travel documents, both on and offshore, which is advantageous when it comes to managing a client’s specific requirements.

Utilising the superior functionality of Dynama Solutions, of particular value to McDermott are:

- Blending of scheduling and training – now that McDermott’s various databases and information sources are integrated, the company is able to combine scheduling and training with one single action. The two areas are linked together in the company’s Management and Professional Staffing (MAPS) system. Accessing this system provides information that supports activities such as skills reporting, project planning and document reporting in a single platform
- Time savings – the ability to attach scanned documents has been very popular with users, and having a central location for these documents means considerable time savings
- Visible value, widespread adoption – McDermott has many advocates of the new Dynama Solutions system who appreciate the value that the technology brings to them, in their daily tasks. As the system has grown and more data has been added, the results speak for themselves and have led to widespread adoption of the system across the organisation.

“Dynama enables us to manage a truly global fleet in diverse working environments. I have worked with many vendors and can honestly say that Dynama’s customer care and technical support are second to none.

We look forward to building on the success of our initial implementation by creating reliable data analytics reports to give us high-level insight into crucial areas such as crew mobilisations and manning requirements for different projects.

With Dynama on our side, we know we can deploy the right people to the right place at the right time, literally anywhere in the world – essential to delivering successful projects.”



Andrew Leys
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