

DP World - A revolution on the waterfront

Case study

DP World is one of the largest marine terminal operators with more than 60 terminals across six continents, playing a vital role in the World's infrastructure. DP World Australia, in a partnership with three innovative technology companies, wanted to improve the efficiency of their operations by delivering real time, critical, operational information into the hands of their port staff.

Partnering with Microsoft, Altis Consulting and Extended Results, DP World Australia wanted to lead a revolution on the waterfront by putting performance information into the hands of field staff.



The Problem

DP World wanted to increase employee productivity, improve customer service and maintain a competitive advantage. DP World Australia wanted an innovative approach that would deliver key performance indicators and business metrics to their people in real-time.

DP World staff needed access to critical business data for measuring and monitoring key metrics on the fly for its Australian ports in Brisbane, Fremantle, Melbourne and Sydney. Previous methods for distributing performance data were cumbersome, time-consuming, and failed to meet the needs of the people on the ground. The lack of access to real-time metrics made it difficult to provide the level of insight necessary for them to make informed decisions.

Terminal management and regional office management needed up-to-date information in order to set targets and see trending patterns, both regionally and within each terminal.

To solve this problem, a three way partnership was developed to bring business intelligence into the hands of its key staff in the field.

The Solution

DP World partnered with three technology companies, including Altis Consulting, Microsoft and Extended Results, who together pioneered the new tailor made business solution.

Leveraging existing data, simplifying the delivery process and delivering it to the user in a format they could understand was core to the success of this project.

The first challenge was to develop a data warehouse and set of reports which would provide the correct operational views.

Altis Consulting prepared the data and built the required views and interfaces to enable real-time reporting. The next challenge was to deliver the intelligence to the staff in the field.

Extended Results' PushBI brought innovation directly to the terminal managers and staff by enabling users to see key performance indicators and deliver these actionable metrics to the users via desktop widgets and - more importantly - hand-held devices. The interface works on a number of commercially available tablets - so no special hardware was required.

The software delivers real time performance information every 60 seconds into the hands of local stevedores. In what is a first for the industry, staff have the ability to access all live terminal data such as quayside, landside and labour activities via smart technologies such as Android phones and i-Pads.

Case study

"...Putting this powerful technology into the hands of operations managers means they will be able to respond faster to the needs of our customers and container movements on the waterfront."

The Results

The technology has helped DP World Australia show the world how stevedores can:

- Have immediate access to time critical information from any company terminal around Australia
- Reduce decision making by cutting down on the number of hours spent every week on paperwork
- Improve visibility of performance and drive productivity and efficiency at each terminal location

"The new technology is already making a big difference to our Australian operations by providing operational managers with real-time critical operational information at their fingertips, at any of our locations around Australia..."

"It's bound to radically change data capture and analysis in the globally competitive container handling industry and Reinforces DP World's commitment to innovation and excellence in customer service."

"Response from the field has been overwhelmingly positive, with DP World's Australian terminals now taking full advantage of the new technology" – Senior Vice President and Managing Director DP World ANZ, Ganesh Raj.

John Hoffman CEO at Altis Consulting points out, "This is a great example of how mobile BI technologies can make immediate improvements to a business. In addition, it demonstrates how a focused team can deliver tangible value in short amount of time."

Creating competitive advantage from your data

About Altis

Altis is the most experienced, vendor-independent information management consultancy in Australia and New Zealand.



Providing Business Intelligence solutions to a wide range of industries since 1998:

- Altis has a unique approach to providing clients with efficient access to their information and maximizing the usefulness and profitability of that information. This approach has been proven in numerous countries and across business, government and Not for Profit sectors.
- Altis partners with acknowledged world experts that provide training and direct access to thought leadership in: Data Warehousing, Data Management, Business Intelligence and Analytics.
- Through their exceptional training and people management practices Altis attracts and retains the very best people in the industry, as evidenced by back to back wins in the BRW best places to work survey.

Established in 1998, Altis Consulting is a 90-person privately-held Australian company offering specialist consulting expertise in all aspects of Business Analytics, Business Intelligence, Data Management and Data Warehousing. The company's services include strategy, planning and architecture, solution delivery, and managed services.

While the company has experience in almost every industry sector, Altis Consulting has particular expertise in telecommunications, government, logistics, Insurance, health services and utilities. Clients include, Allens Arthur Robinson, Sydney Airport, Department of Health and Aging, Department of Defence, Department of Human Services, Lend Lease, Macquarie Bank, Reece, Independent Liquor Group, Suncorp Metway, IAG, Qantas, and Telecom New Zealand.

Altis is also the Australian New Zealand partner for Kimball University and Stephen Few - the foremost authorities on data warehousing and data visualization. Altis Consulting has offices in Sydney, Melbourne, Canberra, Auckland and London.

Call Altis today to find out how we can help maximise your business performance.
Visit www.altis.com.au

Sydney

Emilio Gazis

Tel +61 2 9211 1522
emiliog@altis.com.au

Melbourne

Shaune Rolfe

Tel +61 3 9913 7100
shauner@altis.com.au

Canberra

Katrina Pilcher

Tel +61 2 6262 5422
katrinap@altis.com.au

Auckland

Alex Gray

Tel +64 9 369 1910
alexg@altis.co.nz

London

Peter Hopwood

Tel +44 20 8133 5095
peterh@altisglobal.co.uk