

Oil and Gas Industry uses Dimension Analyze™



Fixed Price Upgrade to 9.1 release using Dimension Analyze™ ensures accurate timeframes and costs, enabling effective planning and resourcing

Case Study Snapshot

Client market capitalisation
US \$4 Billion

- 8.11 to 9.01 release from highly modified systems
- Accuracy of upgrade estimate a major concern

Dimension Analyze™ used to determine the EnterpriseOne modified footprint

Dimension Analyze™ uncovered:

- Many reports not run for 18 months
- 100+ orphaned objects
- Many copies of standard objects
- 50+ design changes

By using Dimension Analyze™ the client:

- **Reduced the list of objects for upgrade by 31%**
- **Saved 83 days of upgrade effort**

Dimension Analyze™ identified that 1% of the object list accounted for 24% of the upgrade time. Careful consideration was recommended and realised further savings

The Client

The client operates in the Oil and Gas industry. They are a significant player in the upstream oil and gas exploration and development business. The client has a market capitalisation of approximately US \$4 billion.

The Challenge

The client is an existing JD Edwards E1 customer. They ran the 8.11 version and were considering upgrading to the latest '9' release level. The client's systems were highly modified which has a huge impact at upgrade time .

To present a budget for the upgrade, the JDE project manager had to determine the number of days required to complete the upgrade of these modifications and an accurate estimate of cost. Their concerns were related to the level of accuracy they could reach without any specialist assistance. It was imperative to the business that accurate timescales and costs were known up front to enable effective project planning and resource allocation, and ensure success for their critical upgrade project.

On hearing of the capability and past successes of Dimension Analyze™, the client engaged DWS to carry out the fixed price Dimension Analyze™ service over their EnterpriseOne system.

The Solution

DWS used Dimension Analyze™ to determine the client's E1 modified footprint.

The client ran the Dimension Extract™ executable over their latest Production and Pristine objects. This executed in just under two hours and the result was sent back to DWS.

DWS was then able to write a Preliminary Audit & Quote Report. This report is created free of charge. The client reviewed the top level findings and quote and decided to proceed with the full Dimension Analyze service.

The Solution



The next step was to carry out the **Dimension Audit™** phase, which involves close collaboration with the client. The Audit phase automatically looks at every line of code in every object to precisely identify all modifications within the clients E1 environment.

The Audit phase's primary purpose is to arrive at an 'Optimum List' of objects to upgrade to the new release.

Once this list was agreed between the client and DWS, the **Dimension Estimate™** phase began. The Dimension Estimate process used a series of factors, weightings and baseline results generated by Dimension to create a detailed estimate for every single object identified in the optimum list. This phase required little to no involvement from the client.

Outcomes

Dimension Analyze™ uncovered:

- ❖ Reports not run for 18 months which could be discarded and removed - A saving of 38% on UBE numbers.
- ❖ Unmodified objects considered modified by JDE, which could be removed from optimum list.
- ❖ More than 50 "design time" changes to versions not identified by standard JDE.
- ❖ Over 100 orphaned objects which could be cleansed and removed from the upgrade list.
- ❖ Copies of standard objects which can cause delay in testing if not identified .
- ❖ DWS reduced the list of objects by 31% which saved 83 days of upgrade effort, and equates to a significant saving.
- ❖ **Dimension Analyze™** identified that 1% of the object list accounted for 24% of the upgrade time. - this directed the client to 9 objects for consideration and offered scope for further savings and reduction of the modified footprint .

Benefits

Accurate Time Scales

- ❖ Calculate internal time out of the business.
- ❖ Calculate external development resources required.

Detailed Estimates

- ❖ Detailed planning and sequencing of work.
- ❖ Determined the most "challenging" objects.

Level Of Certainty

- ❖ DWS are confident in the accuracy of estimates generated by Dimension, and perform the upgrade at a fixed price - giving the client confidence.
- ❖ Compelling research and scoping to ensure buy-in from senior management.
- ❖ The risk of delay is removed - the upgrade was delivered on time and on budget - guaranteed.



ABOUT DWS

DWS are specialists in JD Edwards EnterpriseOne development and upgrades. The company has been providing quality innovative and imaginative solutions for its clients since 1998.

DWS is an Oracle Gold Partner and a JD Edwards Certified Specialist.

We have successfully delivered Dimension Analyze™ projects to E1 customers all over the world.

We're proud to offer the most complete range of fixed price upgrade services in the JD Edwards market and expertise in the build, customisation, design and integration of your E1 system.

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