

# Leading North American Energy Producer uses Dimension Analyze™

Fixed Price Upgrade to 9.1 release using Dimension Analyze™ ensures accurate timeframes and costs



## Case Study Snapshot

Client market capitalisation  
US \$16 Billion

- Xe to 9.01 release from highly modified systems
- Accuracy of upgrade estimate a big concern

Dimension Analyze™ used to determine the EnterpriseOne modified footprint

Dimension Analyze™ uncovered:

- 991 version overrides and programmatic changes
- 1,581 reports not run in over 18 months
- Nearly 3000 objects classed as un-modified, that had in fact been changed.
- Several hundred Orphaned Objects

**Dimension Analyze™ helped the client:**

- **Reduced the list of objects for upgrade by 58%**
- **Saved 875 days of upgrade effort**

Dimension Analyze™ identified that 2% of the object list accounted for 37% of the upgrade time. Further savings were realised by scrutinising the need for these objects

## The Client

The client is a leading North American Energy Producer. They are focused on growing their strong portfolio of diverse resources producing natural gas, oil and natural gas liquids. The client has a market capitalisation of over US \$16 billion.

## The Challenge

The client has been running Oracle's JD Edwards EnterpriseOne product suite since 2001 on the Xe release. JD Edwards supports the Finance, HR, Supply Chain and Asset Management functions.

The client recognizes that it is highly modified and that presents its own challenges when considering an upgrade to 9.1. The client wanted to rationalize and simplify the modifications and customizations already applied. This approach would guarantee that the client would deliver the best possible value to the business at the higher release.

This client realised that they needed external help to analyze their highly modified system. They wanted to reduce their modified footprint and understand the level of developer effort required to upgrade their customizations from Xe to 9.1

## 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 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 client's E1 environment.

## The Solution

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

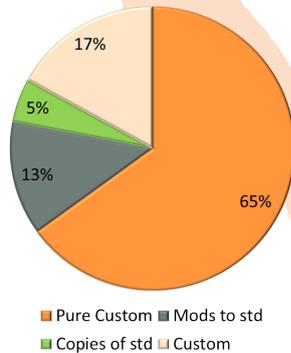
DWS found that the client was indeed highly modified.

We uncovered 13,052 objects flagged as modified but were able to reduce this to an Optimum List of 5,504 objects.

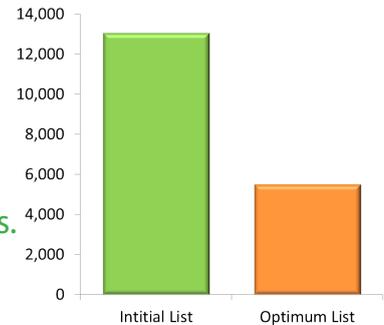
DWS decommissioned 58% of the total modified footprint.

This reduction of objects saved the client in excess of 875 developer days.

Dimension Analyze™ categorized the client's modifications:



This shows that the client has over 3,500 objects classified as Pure Custom. These objects have few hooks into the standard project and can be brought up to the new release with very little intervention.



Dimension Analyze™ uncovered other big wins for the client:

- \* 991 Version overrides with programmatic changes which the client was unaware of (they're not tracked by standard JDE)
- \* We identified 648 "copies of standard" and clarified each object's "based-on" object.
- \* We found 1,581 Reports & Versions that had not run in Production for more than 18 months.
- \* We found 371 objects flagged as modified, but actually weren't. Conversely, we found 2,983 objects classed as unmodified, but actually were. All of these objects were picked up and identified by Dimension Analyze™. We also found several hundred orphaned objects.
- \* We discovered that 2% of the total objects accounted for 37% of the total upgrade effort - so we identified 110 objects that required careful consideration. The client was then able to seek justification for each object and reduce the scope of their upgrade list.

The client was extremely pleased to be able to reduce their modified footprint by 7,548 objects and to receive a detailed estimate (by object) from DWS to assist in planning their upgrade.



## 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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