

Dimension Focus™ for EnterpriseOne testing



Analyze before you start testing

At DWS, we believe there is a smarter way to test; one that starts with pinpointing and testing only those objects that are affected by a change event (such as an upgrade or an ESU). For an extensively modified footprint, this may not seem easy to do. However, if you could, it would significantly reduce the time and effort required for test planning and execution.



The Challenge

Oracle is committed to a program of continuous delivery for JD Edwards EnterpriseOne (E1). Add this to the fact that most E1 users customize their code and you are generating a number of change events every year.

These change events trigger the need to test applications and processes within E1. It is often assumed that the testing effort associated with these change events is going to be significant. However, this assumption may not be based on all the facts.

Dimension Focus™ analyzes ESU (Electronic Software Update) and code changes down to the event and function level. It utilizes bespoke dependencies logic to identify the top-level standard and custom objects that the ESUs affect.



ESUs



Mods



Execution Point



Heat Map



JDE Menu



Shortest Path



Test User Assignment



Impact Analysis



JDE Roles



The Linker



The Solution

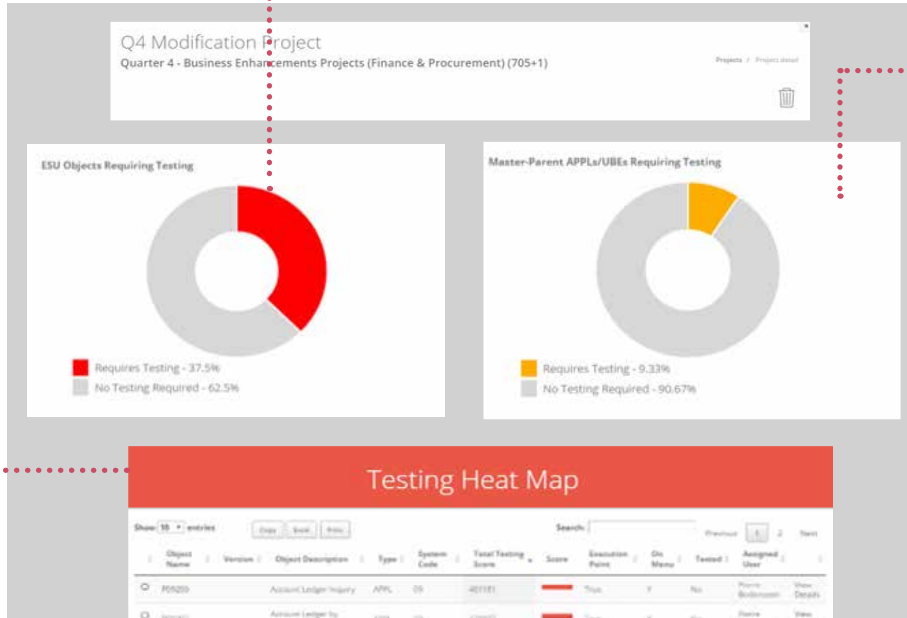
Dimension Focus™ forensically analyzes, to the lowest level of detail, Oracle's E1 code base and the customers' own customizations.

Our **Testing Impact Engine** determines precisely what needs to be tested and shows you where to test. For example, a changed application may have 25 sections/forms that might require testing. Focus is able to pinpoint and inform you that only 3 sections have actually changed and highlights the changes within those sections.



JD Edwards testing, made easy

Focus clearly identifies what needs testing and what does not need testing



Focus calculates and determines upstream and downstream dependencies between all E1 objects to enable the most accurate and comprehensive test planning

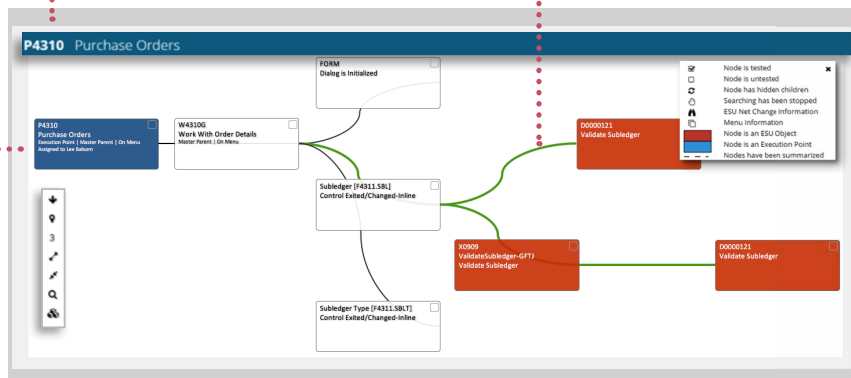
Testing Heat Map

Object Name	Version	Object Description	Type	System Code	Total Testing Score	Score	Execution Point	On Menu	Tested	Assigned User
P43209		Account Ledger Inquiry	APPL	09	401181	True	Y	No	Plaine Subsystem	View Details
P43022		Account Ledger by Category Code	APPL	09	428973	True	Y	No	Plaine Subsystem	View Details
P43209A		Commissioned Inquiry	APPL	42	59105	True	Y	No	Lee Bottom	View Details
P4310		Purchase Orders	APPL	43	85668	True	Y	No	Lee Bottom	View Details
P43011		Journal Services	APPL	09	30897	True	Y	No	Plaine Subsystem	View Details
P43105		W43 - W3 Inquiry	APPL	41	21225	True	Y	No	Lee Bottom	View Details
P4300D		Banking Order Release	APPL	43	17380	True	Y	No	Lee Bottom	View Details
P4310		Sales Order Entry	APPL	43E	17962	True	Y	No	Plaine Subsystem	View Details

Testing **Heat Map** shows where to focus testing effort. This saves analysts and power users from testing in areas that have not changed

Focus identifies objects directly and indirectly affected by the change event and displays object level detail, with an impact severity indicator

The **Linker** displays the nodes/sections of an Application or Report that need to be tested



The (Green) line displays the shortest path to affected nodes

The (Blue) node highlights the most logical execution point to access

Changed objects are indicated by (Red) nodes