

# DIMENSION

From DWS

ISSUE # 10



P.02

## BUILDING A BUSINESS CASE FOR TEST AUTOMATION

You may be aware of the ways that test automation can improve the process of testing; but how do you convince your business to make this investment? To help you, we've identified five key components that help build the case.

P.03

## STANDARDIZATION AS INNOVATION

Could more updates help you reduce your customized footprint and run smaller, faster and smarter projects?

P.03

## WEBINAR: THE VALUE OF TEST AUTOMATION

In partnership with OATUG, learn how to reduce the time and effort of functional testing for Oracle Fusion Cloud Apps.

P.04

## THE DEVELOPMENT DILEMMA

Could it make more sense to outsource your JD Edwards development resource when required?

# BUILDING A BUSINESS CASE FOR TEST AUTOMATION

by Barry Burke



**A**re you part of an IT department or test team interested in implementing test automation for JD Edwards EnterpriseOne or Oracle Fusion Cloud Applications, but don't know where to start? Is there a reluctance to commit budget and resources to functional testing due to a lack of quantified benefits?

For any update project, testing should account for a significant part of the overall project effort, but it can be time consuming, costly and resource intensive to plan, build, execute, evaluate, and document each test. If you're regularly installing updates for Oracle Fusion Cloud Applications, it can be tempting to skip proper functional testing, but don't underestimate the risk to your downstream systems and applications.

Knowing the advantages of a solution and being able to translate them into a compelling business case are two different things. You may be aware of the ways that test automation can improve the process of testing; but how do you convince your business to make this investment? To assist you in this process we've identified five key components that help build the case:

- Define the business problem and demonstrate value
- Outline the objectives for the test automation software
- Assess the potential risks
- Define the implementation approach for on-boarding the new software
- Outline the Planning & ROI

## Define and Demonstrate

Your needs analysis is an important part of the business case. If the problem that needs to be addressed is not easily identifiable, and quantifiable in terms of its impact on the business, you run the risk of hitting the "I don't see the problem" barrier.

The business case for test automation is clear: it can help improve all areas of testing, from script development to test execution, results analysis to defect monitoring. Improved agility and competitiveness will help drive innovation in the organization and manage reputation. Testing smarter, using scanning technology, enables automation of the generation of test scripts for all test scenarios. Benefits include:

- Save up to 60% of time spent on test execution
- Save up to 70% of time spent creating and maintaining test scripts
- Quickly building your own catalogue of test scripts and scenarios.

## Outline the Objectives

State clearly what the implementation of the test automation solution should achieve for the company. Whilst some objectives may be difficult to accurately quantify at the outset, others should be Specific, Measurable, Achievable, Realistic and Timely (SMART). This hard data will verify the value of the software and will help to justify the investment, in business terms, to the senior management.

## Risk Assessment

Your business case cannot just focus on the positives. Any IT investment project involves a degree of risk, so your assessment should include due diligence.

It goes without saying that this is an important part of the business case as it will determine if the project is financially viable. Calculating ROI can be a complex process, but is essentially the annual benefit realized, divided by the total investment, expressed as a ratio or percentage.

Read the full blog and learn how DWS can support your Continuous Innovation strategy for JDE E1 9.2 here: Read the full blog here: <https://dws-global.com/building-a-business-case-for-test-automation/>



# WEBINAR: THE VALUE OF TEST AUTOMATION FOR ORACLE FUSION CLOUD APPS

Date: 13th May 2021 | Time: 1:00 PM EST  
10:00 AM PST | Duration: 45 min



In today's business environment, success depends on real-time, intelligent decision-making, based on real-time data from all parts of the organization. The move to Oracle Fusion Cloud Apps offers code currency, end-to-end data sharing and visibility, while lowering the total cost of ownership.

With Fusion Cloud Applications, Oracle now delivers new updates every quarter. Whether you're an end-customer or a systems integrator, you have to understand what's new, what features are delivered enabled, and what features you might want to "turn on". But whether you choose to enable anything or not, our experience tells us that you still need to test.

Using Dimension SwifTest significantly reduces the time and effort associated with functional testing.

## STANDARDIZATION AS INNOVATION

Continuous delivery and orchestration have accelerated the time to market for new features and functionality. With each new update to 9.2, not only are there opportunities to introduce new features, but equal opportunities to reduce the size of your custom footprint.

One of the barriers to adopting the continuous innovation approach is the perception that every change event project will be time-consuming, risky and threaten business continuity. Ironically, the more updates you carry out, the less risky they become. This creates a virtuous cycle of improvement, as with every subsequent update your customized footprint is reduced and your projects become smaller, faster and smarter.

The reduction in time and effort is not only realized in the update project itself, but also in the functional testing of the updated software. As the number of mods or custom objects comes down, so does the burden of testing. If you're using a test planning or automation solution like Dimension SwifTest, these savings can be even more dramatic. As you build up a library of scripts, you are able to plan and execute your functional testing faster with every subsequent change event project.

These benefits aren't just theoretical. In recent years, we have been involved in many updates or code-current



It is the easiest way to set up and execute your testing without the need for specialist test engineers or programmers.

In this session, you will hear:

- Real-world examples of how to reduce the time and effort of functional testing.
- How test managers can view the progress and results of the test, at a project level.
- How end-to-end processes can be tested by combining scripts.

Register for the webinar with OATUG here  
<https://register.gotowebinar.com/register/3465665462181463568>



change event projects where de-customization was a driving force. Rather than a fortunate by-product of the update, JDE customers have been actively seeking opportunities to eliminate custom objects or redundant mods.

For some, moving closer to standard is part of a longer-term digital transformation strategy. We're seeing more workflows moving to the cloud than ever. Customers are embracing IaaS and PaaS for ERP as they seek to take advantage of the enhanced agility, accessibility and cost-efficiency of cloud infrastructure.

Read the full blog and learn how DWS supports a code-current strategy for JDE E1 9.2: <https://dws-global.com/standardization-as-innovation/>



# 10 WAYS OUTSOURCING YOUR JDE E1 DEVELOPMENT CAN ADD VALUE TO YOUR BUSINESS

**M**any organizations don't have the luxury of retaining expert software development full time, so can face a dilemma when it comes to implementing new features and customizations. Given the infrequent requirement for bespoke development skills, could it make more sense to outsource your ERP development resource when required?

Read the full Ebook [here](#)



## About DWS

Since 1998, we have been providing development and technical services to organizations looking to customize, integrate, extend, upgrade or support implementations of JD Edwards Enterprise One and Oracle Fusion Cloud Apps. We also sell EnterpriseOne testing products that leverage our deep domain expertise and help customers run smaller, faster and smarter projects.

DWS serves a global client base using proven methodologies and proprietary DWS Dimension™ tools. Our best-practice approach and eye for detail help us deliver products and services that save time and money and continually drive down your TCO for JD Edwards.

For further information please visit our website, or contact us:

UK: +44 (0) 1494 896 600    US: +1 888 769 3248    ANZ: +64 9427 9956  
sales@dws-global.com    www.dws-global.com

ORACLE

Gold  
Partner  
Cloud Standard