

# CIOReview

CIOREVIEW.COM

The Navigator for Enterprise Solutions

**ORACLE**  
**EDITION**



# DWS

## Test Automation for Oracle JD Edwards EnterpriseOne and Fusion Cloud Applications

**B**usinesses today are increasingly embracing Oracle Fusion Cloud Apps for ERP and are thereby taking advantage of lower costs of ownership, improved data sharing, and more frequent product innovation. However, while moving to Oracle Cloud Applications from an existing on-premises application such as JD Edwards, they need to consider the best approach to functional testing. Further, as Oracle delivers new updates for Oracle Fusion Cloud Apps every quarter, extra emphasis needs to be placed on the importance of functional/regression testing to minimize the risk of impact on any downstream processes and/or systems. Enter DWS.

**We can help organizations manage their functional testing challenge with Dimension SwiftTest™ as it provides the easiest way to set up and execute testing without the need for specialist test engineers or programmers**

Being a leading provider of Oracle JD Edwards EnterpriseOne and Fusion Cloud Applications products and services, DWS significantly reduces the time and effort associated with functional testing for Oracle Fusion Cloud Apps. "Testing still accounts for a large proportion of any software update or migration project. Any incremental gains that can be achieved in terms of testing speed and accuracy can significantly accelerate the time to market for new features and functionality. Which is why we feel that it is critical that automated testing is built into an

organization's regular cadence of updates," says Barry Burke, the Managing Director at DWS.

DWS delivers Dimension SwiftTest, designed specifically for Oracle JD Edwards and Oracle Fusion Applications, and is a tool that is application-aware, allowing business analysts and super-users to organize, set up, modify and maintain test scripts. The tool enables clients to realize savings of up to 60 percent during test execution, enabling savings up to 70 percent during the creation and maintenance of test scripts. "In a manual test environment, repeat testing often isn't replicated to the same standard each time, and testers may believe that the bug has been fixed and move on, without checking for the impact on other systems and areas of the business. That's where we can help with Dimension SwiftTest™ as it provides the easiest way to set up and execute testing without the need for specialist test engineers or programmers," mentions Burke. He shares a customer instance where a large package manufacturer decided to implement Dimension SwiftTest to test business-critical processes and customizations. They saw a significant reduction in the time and cost associated with testing, increasing test coverage and efficiencies. The client also improved the accuracy of their testing by reducing the amount of human intervention. The automation of test scripting and execution enabled them to reduce the overall effort on testing by 64 percent.

With over 20 years of experience helping many JD Edwards and Oracle Cloud Applications customers maximize their investment in Oracle technology, DWS has established itself today as the gold standard for test automation, generating significant savings in time and cost for customers involved in functional/regression testing. "Our testing solution has been designed



specifically for Oracle JD Edwards and Oracle Fusion Cloud Applications and is application-aware meaning that changes made to the Cloud Applications will be recognized in Dimension SwiftTest," states Burke. To further its prowess, DWS has achieved ISO/IEC 27001:2013: Information Security Management Systems Certification and supports automated document creation that can deliver real business value in terms of compliance management and enhanced governance for any organization.

Currently, DWS is enhancing Dimension SwiftTest by developing support of an OpenAPI for inbound communications and webhooks and actions that perform REST calls for outbound communications. "These platform enhancements are complemented by the addition of specific actions for the calling of JD Edwards EnterpriseOne orchestrations," remarks Burke. "The benefit to our customers testing Oracle Fusion Cloud Apps and JD Edwards EnterpriseOne is that they can easily integrate SwiftTest into their Continuous Innovation and Continuous Delivery (CI/CD) strategy, and will allow automated tests to be created within SwiftTest that encompass processes that may sit outside of the application being tested." 