

JD Edwards EnterpriseOne 9.2 Upgrade Test Automation A DWS Client Success Story



Client

Li & Fung creates customized, end-to-end supply chain and logistics solutions for brands and retailers worldwide. Established in 1906, Li & Fung operates one of the most extensive global supply chain networks in the world; employing 42,000 people, in 350 offices and distribution centers across 40 different markets.



Challenge

With their JD Edwards EnterpriseOne (JDE E1) 9.2 upgrade driven by Hong Kong, the team in Europe were given a tight window of three months within which to go live. The new release would need to continue to meet the varied requirements of 28 companies across Europe. This would require thorough, end-to-end testing of country-specific finance and distribution workflows.

Background

Li & Fung has been using JDE E1 since 2016. Initially adopted within finance, JDE E1 was subsequently implemented corporate-wide to support other business functions; including inventory, procurement, and sales.

As a business working towards the implementation of a global model, it was easy to see value in the creation and utilization of a catalog of scripts to ease the burden of testing.

Li & Fung's investment in SwifTest at release 9.1 proved key to enabling a successful 9.2 upgrade and will pay dividends when it comes to testing during any future project.



Delivery

The UK team looking after Europe were instructed to build upon their experience of using SwifTest on release 9.1 during the 9.2 upgrade. This was achieved by a small team of business analysts with training and support provided by a single DWS specialist.



Result

Scripting and automating their testing using SwifTest enabled Li & Fung to reduce the time they needed to spend on testing by 50%. The quality of the test results allowed sign-off to be completed in just 2-3 days, representing another significant 80% time saving.

“Using SwifTest allowed us to create 8 scripts to test 800 different things!”

Nadia Hancox, Systems Specialist for Li & Fung

The Upgrade Project

Li & Fung in Hong Kong began thinking about its 9.2 upgrade in 2017 and performed the upgrade in 2018. The majority of the work was managed by the team in Hong Kong with additional support from other regions. In Europe, the UK team were instrumental in testing and ensuring that the new release of JDE E1 software would continue to meet the businesses needs.

In Europe, where the finance applications have been in use for some time, processes were well-established and it was relatively straightforward to envisage what testing would be required. However, with distribution being comparatively new, the task of defining what testing needed to be done was more difficult.

From the outset, Li & Fung recognized there was an opportunity to leverage test automation to enable the team to meet its tight deadlines.

Smart Testing with SwifTest

Even before considering the upgrade to 9.2 it was apparent, because of the nature of their business and the way in which they manage the deployment of JDE E1, there was an opportunity to automate a lot of repetitive test activities.

Every change introduced by Hong Kong later gets pushed out into regions, and then to the countries within each region. Teams in the field need to prove that any update addresses the intended requirement and does not negatively impact the software's ability to serve the business. Having already introduced SwifTest, the Li & Fung team planned to develop their skills and gain experience with the software on release 9.1 and then leverage that learning and reap the benefits during the 9.2 upgrade and every subsequent project.

With just 12 short weeks to complete the upgrade, Li & Fung was time-constrained, but still needed to thoroughly and accurately test the entire system across all 28 countries.

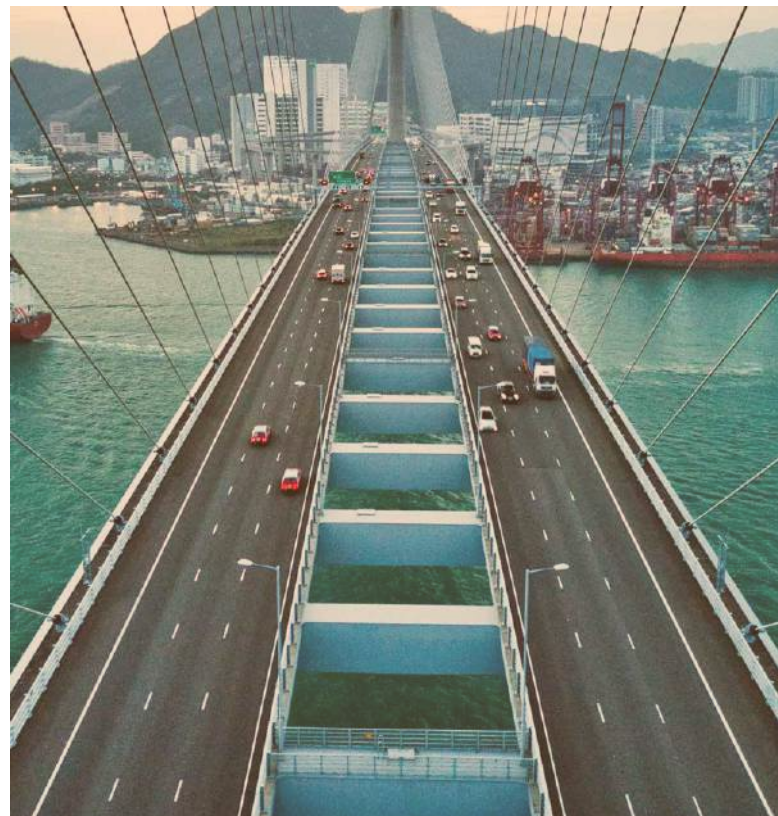
With roughly 1/3 of the project's planned effort being attributed to testing, any time saving would prove significant. Automating the testing element using SwifTest enabled Li & Fung to meet a tight deadline, to halve their testing time and to accelerate their test sign-off by 80%.

“With the processes of 28 finance operations across Europe, given the time available, it simply wasn't possible to test these one-by-one”

After getting everything in order and agreeing a strategy, Nadia Hancox, Systems Specialist for Li & Fung, explained how her team utilized the software:

“With SwifTest, one test can be used to process multiple data sets, allowing us to run through and prove the software in all 28 finance companies at the press of a button. This testing can then easily be repeated as required.”

By investing and cleverly creating test scripts that take advantage of Swiftest features, any new companies can now be included and tested simply by adding a new line.

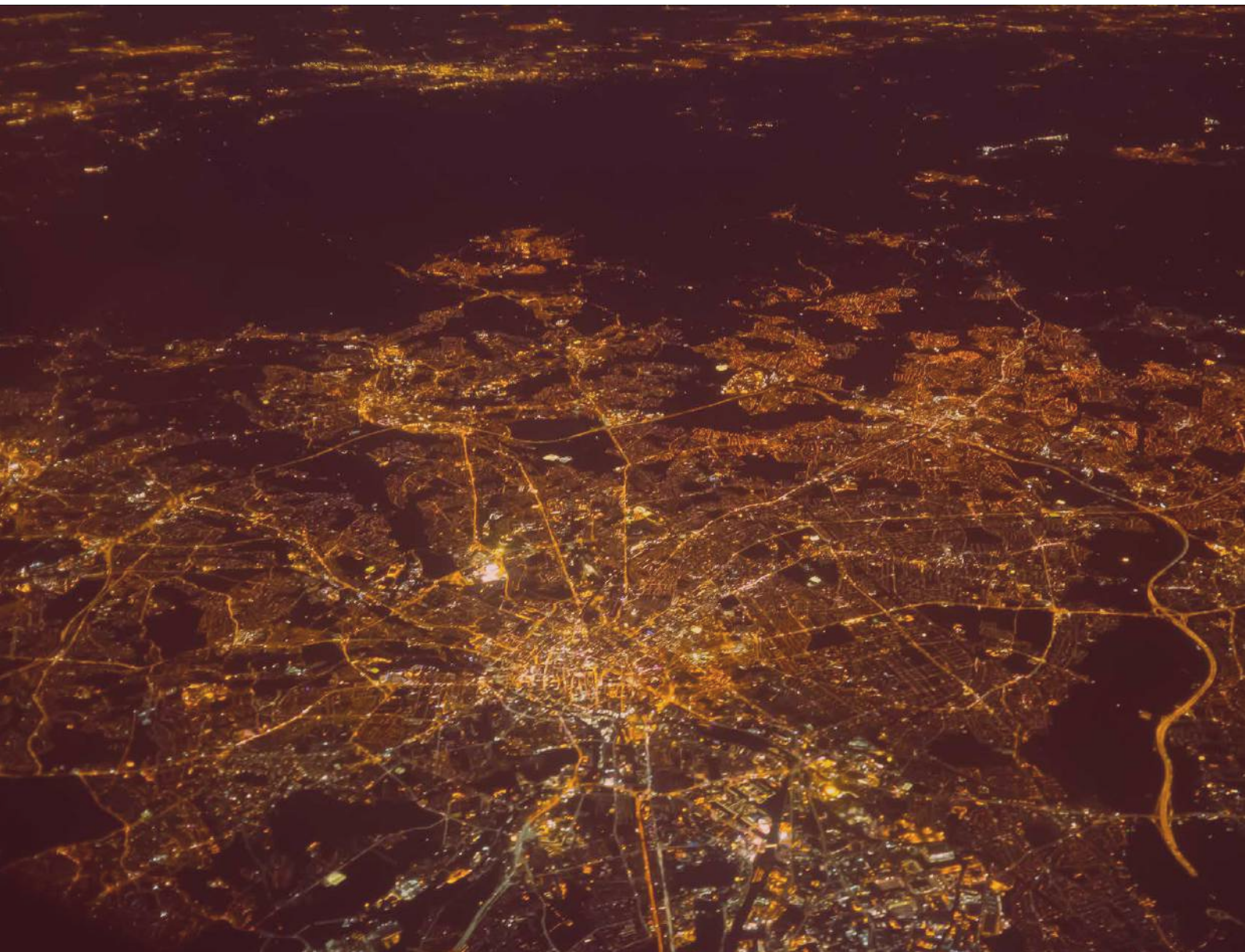


The Future

Li & Fung are striving to achieve a global model with standardized processes. The introduction and adoption of SwifTest is at the heart of this strategy. The team in Germany has already followed the lead of the UK, with several more EU distribution locations scheduled to start benefitting from their use of SwifTest over the next 2-3 years.

“Globally adopting SwifTest would cut project time in half across all 350 distribution locations, enhancing productivity, enabling innovation and improving the quality of our future projects”

Wynand Du Toit, Senior Applications Manager,
LF Europe & LF Americas



“Using SwifTest really helped us sign off for tests around 9.2 in Hong Kong. The depth and quality of the reports SwifTest produced significantly fast-tracked this process, achieving sign-off in just 2-3 days, down from 2-3 weeks!”.

Wynand Du Toit, Senior Applications Manager,
LF Europe & LF Americas



About DWS

Since 1998, we have been providing development and technical services to organizations looking to customize, integrate, extend, upgrade or support implementations of EnterpriseOne. 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.

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