

DIMENSION

From DWS

ISSUE # 19



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At the heart of CCaaS lies the principle of continuous delivery—a software engineering approach that emphasises frequent and incremental updates to applications, granting immediate access to bug fixes and new functionality.

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JDE RELEASE 24 IS EVERYTHING, OR NOTHING

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THE HIDDEN COSTS OF LEGACY ERP SOFTWARE

The accumulation of code debt isn't just an inconvenience, it can lead to significant financial and operational burden if left unchecked.

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APP DEVELOPMENT SUCCESS STORIES

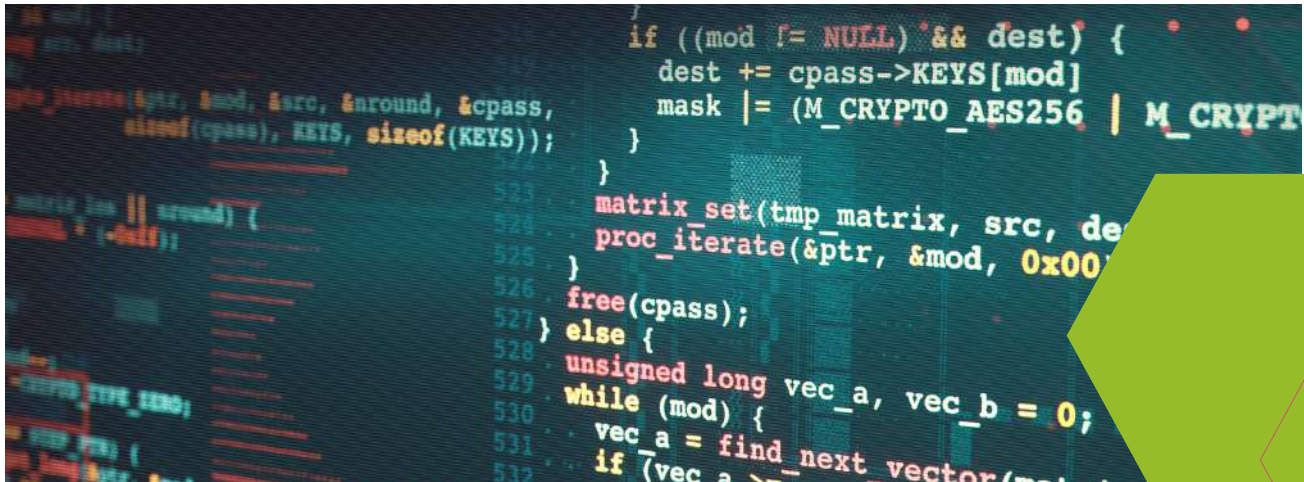
At DWS, we have a long-standing reputation for delivering quality software to our clients. So, we'd like to take the opportunity to share with you one of our favorite success stories.

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GETTING STARTED WITH SWIFTEST

If you are looking to introduce test automation, but still have a few questions, our latest publication may just provide the answers you're looking for.

UNLOCKING PREDICTABILITY WITH CODE CURRENT-AS-A-SERVICE



Unpredictability is often a major challenge for businesses. Large-scale upgrades or code-current projects, particularly within platforms like Oracle JD Edwards EnterpriseOne (JDE E1), can introduce significant disruptions and uncertainties. Users may find themselves grappling with the scope of these projects only after they've commenced, leading to budget overruns, operational hiccups, and potential setbacks in productivity.

Understanding the need

To understand the complexities of CCaaS, it's essential to first grasp why predictability holds such importance in the context of JDE E1. Ageing system components, legacy versions, and outdated functionalities not only impede organisational agility but also pose security vulnerabilities, exposing businesses to unnecessary risks. By embracing a code-current stance, enterprises can effectively mitigate these risks, ensuring their systems remain compliant, secure, and primed for optimal performance.

The Evolution of code-current as a service

CCaaS represents a paradigm shift in software maintenance, offering organisations a new level of support and reliability. By outsourcing the management of code-current projects to specialised providers, businesses can unlock a host of benefits, including reduced costs, minimised complexities, and enhanced agility.

Embracing continuous delivery

At the heart of CCaaS lies the principle of continuous delivery—a software engineering approach that emphasises frequent and incremental updates to applications.

Through regular updates and releases, businesses gain access to bug fixes, new features, and enhanced functionalities without the upheaval typically associated with major upgrade projects.

Introducing dimension tempo™

One such CCaaS offering is **Dimension Tempo™** (DT), a managed code-current retrofitting service tailored to the unique needs of JDE E1 customers.

Developed by experts in the field, Dimension Tempo:

- Leverages proprietary tools and methodologies to streamline the retrofitting process, ensuring minimal disruptions and maximum efficiency.
- Empowers businesses to navigate code-current change events with confidence, all while optimising their returns on investment.
- Analyses and identifies all the changes made by Oracle to accurately scope the impact on your JDE E1 modified landscape so that there are no surprises when it comes to the testing phases.
- Provides seamless integration of functional and performance testing into the software management lifecycle.

The path forward with CCaaS

By embracing Code-Current as a Service, businesses can unlock newfound certainty, streamline operations, and drive sustainable growth. With offerings like **Dimension Tempo™** and a comprehensive suite of testing solutions, the path to predictable software maintenance has never been clearer. As the landscape continues to evolve, CCaaS stands poised to redefine the way businesses approach code-current projects.

<https://dws-global.com/unlocking-predictability-with-code-current-as-a-service/>

JDE RELEASE 24 IS EVERYTHING, OR NOTHING, DEPENDING ON YOUR PERSPECTIVE



JDE Release 24 is everything because it's something Oracle can use to send easy-to-understand messages to the market. On a basic level, a new release signals to the installed base that Oracle continues to invest in JD Edwards EnterpriseOne.

At the same time, it's nothing, because of continuous delivery. Let me explain.

While a release represents a virtual landmark in the evolution of the software, it has less relevance to a business that continuously invests in E1. I say this because what's important is the codebase itself. With continuous delivery, the codebase is evolving all the time. It is this evolution that allows companies to innovate continuously and to ensure E1 remains at the heart of their digital enterprise.

This is only possible if companies are running projects where E1 is integrated and helps to deliver business improvement. Projects might, for example, augment the customer experience, increase the resilience of the supply chain, enhance the quality of manufacture, or automate an oft repeated and laborious internal process.

Most businesses will have a long list of projects they would like to see delivered. However, because E1 is likely to be a cornerstone application within a complex and varied digital landscape, it is important to make sure E1 doesn't become a barrier to change.

Enterprise applications work best when they are fully integrated, if outdated versions of software preserve data siloes and limit potential gains, they become inhibitors rather than enablers.

This is one of the strongest arguments for getting and staying code current.

Having said this, it would be remiss of me not to mention how E1 is evolving. Oracle is continually investing in new features and functionality, with more value being added with every release.

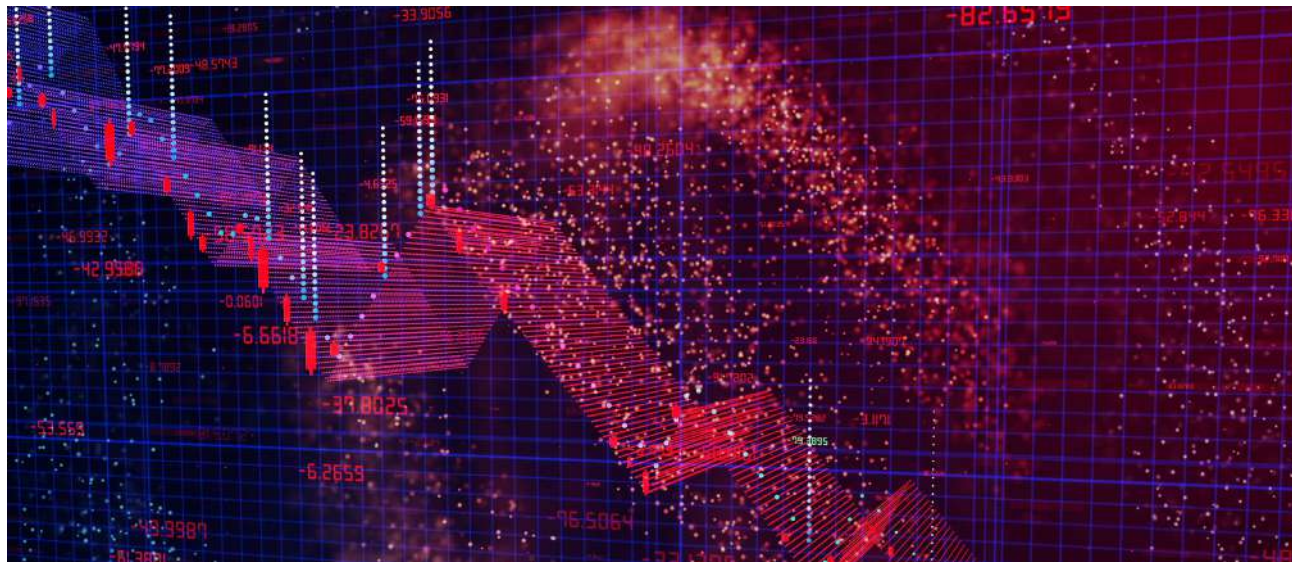
The digital landscape is constantly changing, with new technologies (and risks) emerging. With premier support for JDE E1 extended to at least 2034, this means that the security of the application is constantly under review and is being improved as the codebase evolves. From a purely technical perspective (or from a Tools Release perspective in old JDE-speak) this means that getting current and staying code current isn't just optional, it's imperative.

If getting current and staying current is everything, but JDE Release 24 is nothing, what are you supposed to do?

- Recognize that keeping E1 viable within your enterprise application portfolio is all about the code
- Make getting code-current part of at least one E1 project every year
- Get in the habit of updating applications and tools at the same time

JDE Release 24 is everything, or nothing, depending on your perspective (dws-global.com)

THE HIDDEN COST OF LEGACY ERP SOFTWARE



Your enterprise's success hinges on its ability to evolve.

With approximately 20% of the JD Edwards EnterpriseOne customer base still using pre-9.2 versions and many more not yet on Release 23 or 24, this blog may be your lifeline. The **MoveIt Transfer hack in 2023** should be a reminder of software updates. Attackers were able to exploit a vulnerability in the system to steal data by running SQL queries. It was one of the largest ransomware attacks of that year, effecting a variety of organisations, such as Shell, The New York State Education Department and the BBC. Unpatched vulnerabilities are often a primary cause of data breaches. Outdated software isn't just about a lack of new features; it's about the survival of your business.

If it's not broke, don't fix it

A complacency mindset is the reason why many companies postpone system overhauls. When replacing old systems can be straining on finances, resources, and time, it's all too easy to keep things as they are.

What is the upgrade even changing?

Why would I spend that much money?

How long will an upgrade take?

Why should my team spend time testing the new software? These questions lead companies to postpone updating their tech stack until necessary, but this can have far-reaching and potentially severe consequences.

The alarming accumulation of code debt

Let's cut to the chase – every day you delay an upgrade, you accumulate technical debt. This isn't a mere inconvenience; it's a financial and operational burden that grows with each passing moment. The longer you wait, the more convoluted your systems become, and the costlier the eventual upgrade.

Consider this: **the average cost of fixing a major defect in outdated software is \$1.25 million.**

The old adage 'time is money' couldn't be truer when it comes to updating your systems. Your delay is not just procrastination; it's a gamble with your enterprise's financial health.

The true Cost of inaction

For the sceptics out there, let's talk numbers. Companies operating on legacy systems face an increased risk of security breaches, with an estimated **77% higher risk** compared to those on the latest versions. The average cost of a data breach? A jaw-dropping **\$4.45 million**.

When your legacy system was developed, it may have been on top of the cybersecurity practices of the time. But the threat landscape changes day by day, and legacy systems are getting left behind. Your enterprise isn't just risking inconvenience; it's risking its very survival.

The upgrade payoff

Now, onto the brighter side – the benefits of being code current. Beyond the obvious advantages of protecting your data and eliminating vulnerabilities, upgrading from an older release presents a unique opportunity to streamline operations.

Imagine your workforce empowered by streamlined processes, reduced bottlenecks and accelerated productivity, freeing your team up to work on the things that matter.

It's not just a level-up; it's a strategic move to boost productivity and profitability.

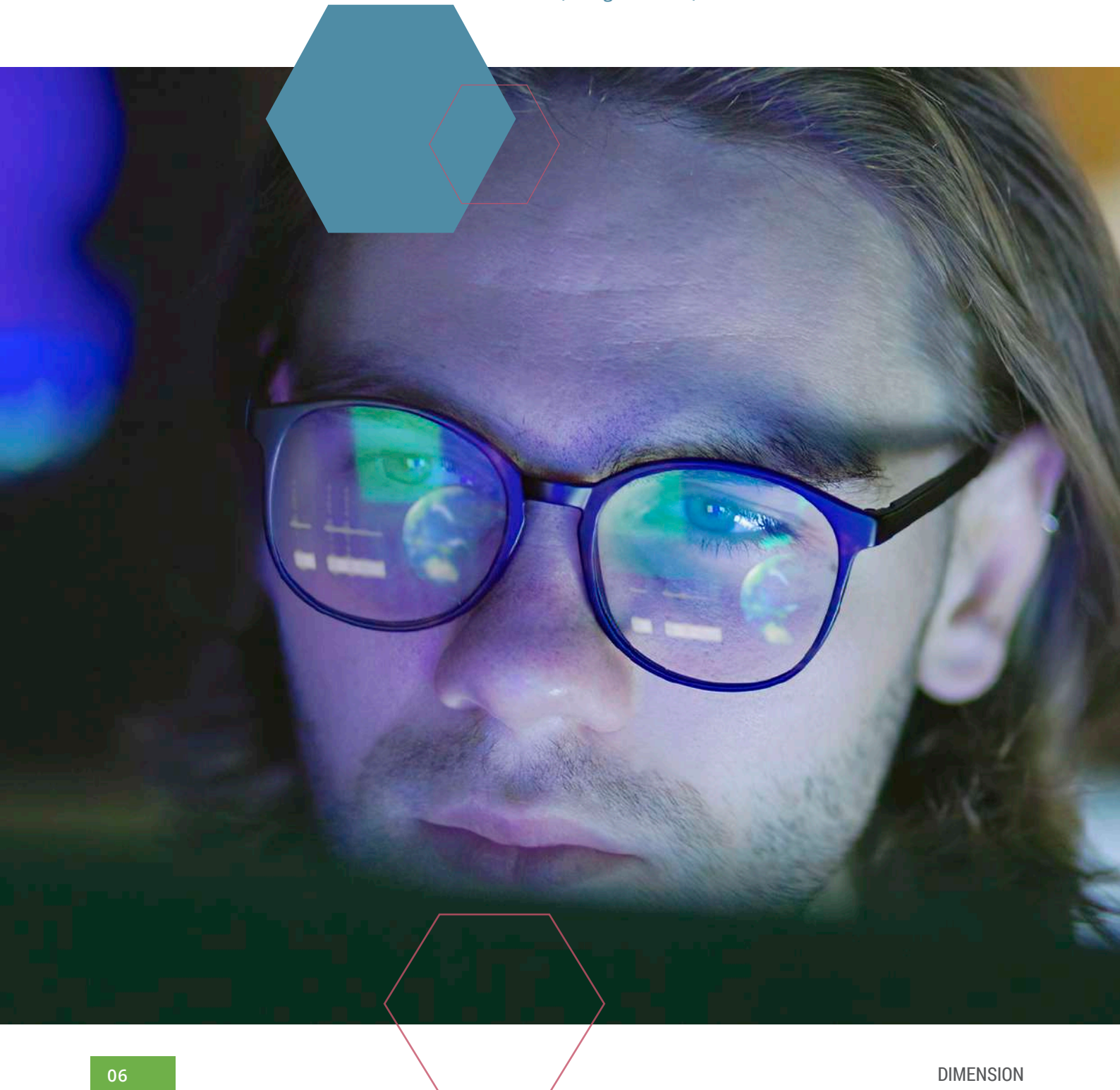
DWS's toolbox for risk reduction

In the grand scheme of digital evolution, your enterprise stands at a crossroads. The longer you delay, the steeper the climb becomes.

Getting to code current isn't just a buzzword; it's a strategic imperative.

Acknowledging the legitimate concerns of cost and risk, DWS provides solutions that rely on proprietary methods and tools that have been developed over many years. Our **Dimension Analyze** service ensures you know exactly what has changed down to a pixel level of detail, reducing the fear of the unknown.

The hidden costs of legacy ERP software - DWS Global
(dws-global.com)



ENTERPRISE APPS DEVELOPMENT SUCCESS STORY



Pacific Health Corporation – Web Apps Development

DWS offers world-class, full-stack software development services to support customers on their digital transformation journeys. From front-end to back-end, via API or custom integration, our software projects are governed by Agile Project Management to deliver quality, on time and on budget, #DevSmart.

DWS has a long-standing reputation for delivering marketleading services and software. We have built strong and long-lasting partnerships with our clients by building a detailed understanding of their specific requirements and consistently delivering high quality, on-time and within-budget solutions.

Brand/Sector: Pacific Health Corporation

Technology: .NET, Python, Angular, MS Factor, Power BI

Project:

To design a web application and develop a data processing tool to extract and collect multi-source data from sales and marketing teams (sources – API, website, excel files, social networks etc.). To standardise data and provide analytic reports to business management to optimise sales/marketing performance.

Solution:

- Drawing data from a wide range of sources and allowing users to import huge files.
- Creation of a bespoke dashboard to visualise reports from database.
- Creation of web interface to add or modify database records.

Outcome:

- Clear sales and marketing performance tracking.
- Ability to analyse factors effecting performance including market and customer behaviour.

DWS – Enterprise Apps Development Success Stories.
[pdf \(dws-global.com\)](https://dws-global.com)

GETTING STARTED WITH SWIFTEST



We recently published an eBook on how to get started with Swifttest. Here are some samples of the common inquiries to help you with our solution.

“I’m not sure I can make a compelling business case for the investment.”

Building a business case for discretionary spend can be a challenge, especially when the investment is associated with ongoing project delivery. However, the long-term improvements in efficiency, speed, accuracy, and quality of output associated with test automation more than justify the expenditure. But a rapid return on investment is a compelling reason for change. Many businesses have realised a return on their investment in SwiftTest after just one project.

“I don’t have the budget right now.”

Any business committed to its enterprise software will have operational budget allocated to projects, part of which will be associated with testing. If you can translate planned project time, effort, and cost into budget, you may be able to find the funds you need. Look for other available budget and try to get that allocated to a product subscription or additional services.

I don’t have the time or resource to script and automate.

It would be unusual for a business to have spare resource sitting around and freely available to commit to the introduction of a new test automation solution. However, resource that is committed to a manual process could be re-tasked with doing something differently, especially if supported by skilled external resource.

“I need a solution that fully test all critical processes.”

One of the strengths of SwiftTest is that it can be used by analysts, super-users and consultants to script and automate testing within the target app. However, SwiftTest itself does not allow for automated testing of processes leading up to, or following on from processes contained entirely within the target app.

For customer seeking to extend their test automation to encompass end-to-end processes that begin or end outside of JDE E1 or Oracle Cloud Applications, Test Architect is an integrated, codeless test platform that provides the necessary scale.

“I want pre-built scripts, to help make me the best possible start.”

Scripts within SwiftTest are very easy to build and maintain. In fact, for most users, it takes less time to build something from scratch than it would to modify a generic script. To help users get started, DWS developed a set of SwiftStart scripts to help kick-start the creation of your base catalogue.

In addition to the SwiftStart scripts, our partner network offers a broad range of testing services that are typically underpinned by their own intellectual property. This often includes proven scripts and testing methodologies

"I'm worried about the sheer number of test vacancies we'll need to create."

We recognize that with any target application to be tested there are likely to be many variances when using a particular functional area. Take Sales Order Management in JDE E1 for example – multi-currency, UOM conversions, backordering, advanced pricing, different order types, different line types, discounts and more. SwiftTest makes test creation and duplication easy. Build your base tests and copy those tests in their entirety to new test instances, then simply maintain each copy to accommodate the functional variance in the new tests.

"I don't want to invest in an automation solution for a one-time use case."

Any business committed to its enterprise software will have operational budget allocated to projects, part of which will be associated with testing. If you can translate planned project time, effort, and cost into budget, you may be able to find the funds you need. Look for other available budget and try to get that allocated to a product subscription or additional services.

Obviously, budgeting plays a key role in digital transformation projects. If you don't have to wait until the next scheduled round of financing, you can accelerate your adoption of automation and start testing smarter, sooner.

[Getting-Started-with-Swifttest.pdf \(dws-global.com\)](http://dws-global.com)





**30
DAYS
FREE**

TRIAL SWIFTEST FOR FREE

We're currently running a **30-day trial of SwiftTest**, to give you the chance to get hands on with test automation for JD Edwards or Oracle Cloud Apps, before committing to implementing it fully. Try SwiftTest today with no obligation to renew!

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.

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