

# DIMENSION

From DWS

ISSUE # 23



## SMARTER LOAD TESTING, STREAMLINED PROJECTS

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Welcome to the latest edition of the DWS Dimension newsletter. This issue's spotlight is on smarter load testing and practical steps to reduce risk in your next ERP upgrade.

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### DIMENSION LOAD-TEST – TAKE THE STRESS OUT OF STRESS TESTING

Dimension LoadTest helps teams simulate real-world ERP activity, validate performance under pressure, and detect early-stage slowdowns.

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### DEVELOPMENT SUCCESS STORIES – BLOCKCHAIN FOR FINTECH

Discover how we work with leading FinTech businesses to deliver secure, blockchain-driven solutions in our development showcase.

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### FORTHCOMING EVENTS – YOUR OPPORTUNITY TO MEET THE TEAM

It's going to be a busy summer for live events, find out where the team are going to be and what we'll be talking about.

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### TEN PROVEN WAYS TO DE-RISK YOUR NEXT ERP UPGRADE PROJECT

Planning an upgrade? We have outlined ten practical strategies to help project teams avoid disruption and deliver value faster.

# DIMENSION LOADTEST: TEST UNDER PRESSURE, BEFORE IT MATTERS



**W**hen ERP systems slow down, productivity stalls. The problem? These slowdowns rarely appear in functional testing. They only happen when your system is under real-world stress, thousands of users logging in, processing transactions, and running queries at once.

Dimension LoadTest allows you to simulate this pressure ahead of time. Whether you're planning a major release, onboarding new subsidiaries, applying patches or migrating workloads to the cloud, you can confidently test how your JD Edwards EnterpriseOne system will behave under strain.

## Key capabilities include:

- Works natively with JD Edwards EnterpriseOne
- Simulates large numbers of virtual users with variable profiles
- Supports cloud-based or on-premises workloads worldwide
- Installs in minutes with a small footprint
- Replicates end-to-end business processes with ease
- Enables no-code script building for faster setup
- Operates as a flexible SaaS model based on virtual user day
- Delivers detailed real-time analytics at the test action level

This goes far beyond basic volume testing. LoadTest mirrors how real people interact with your ERP, navigating menus, triggering transactions, and performing variable activities that accurately reflect the demands of your business. It allows you to test both internal loads and global user activity simultaneously, making it ideal for:

- System upgrades and migrations
- Cloud infrastructure validation
- Disaster recovery testing and business continuity planning
- Onboarding of new user communities or subsidiaries
- Performance benchmarking of specific business-critical processes
- Troubleshooting performance issues at satellite offices

## A platform built for repeatable, real-world results

Dimension LoadTest helps experienced system administrators and CNCs scope, schedule and manage testing across internal and external agents, anywhere in the world. The platform automatically standardises test conditions, making every load test fully repeatable for accurate benchmarking.

Agents can be spun up to simulate both experienced users and new starters, reflecting the full range of real-life interactions with your systems. Real-time insights give analysts instant feedback, while detailed logs allow data to be downloaded for further performance and bottleneck analysis.

## Get testing quicker with Dimension SwiftTest integration

Leverage your functional testing assets from SwiftTest to rapidly build test queues and run simultaneous functional and load testing scenarios across multiple environments, all without tedious manual setup.

## Prevention is better than cure

Dimension LoadTest makes load testing an integral part of your quality assurance process. From small regular patches to major version upgrades, you can refine, execute, analyse and optimise test scenarios, before users experience any degradation.

## Customer Success

*"We would not have gone live on EnterpriseOne 9.2 (migrating from World Software) with the level of confidence we had without using Dimension LoadTest."*

Kevin Criswell,  
Application Services Manager,  
MYR Group Inc.

SEE HOW DIMENSION  
LOADTEST WORKS



# DEVELOPMENT SUCCESS STORIES – BLOCKCHAIN FOR FINTECH

**D**WS has a long-standing reputation for delivering market-leading software solutions across industries worldwide. From enterprise apps and mobile platforms to blockchain and data management, our development services help customers accelerate digital transformation and stay competitive. Here are two blockchain examples from the financial services world.

## UNIVERSAL IDENTITY AND TRUST

### Project

Development of a secure, blockchain-driven Universal Identity and Trust solution for businesses active in the e-commerce and digital finance sectors.

### Solution

Engaged as an official technology partner, we developed three specific modules:

- Privacy preservation – user-controlled identity solution where third parties can securely attach rich sources of information, including KYC results and proprietary credit scores.
- Tokenised asset wrapper and issuance platform.
- Patent Pending vouching system, integrated into a range of online ecosystems and digital finance platforms.

Secured by blockchain, personal data can only be managed by the user themselves and is breach resistant. Universal ID means users can use the same ID across multiple services.



- > EOS (BLOCKCHAIN SOFTWARE ARCHITECTURE)
- > U-PROVE (MICROSOFT)
- > OPENID
- > KUBERNETES

## CRYPTO TRADING PLATFORM

### Project

Creation of a website and native mobile crypto currency trading platform to enable users to securely trade and store assets and to deposit/withdraw funds.

### Solution

Responsible for platform architecture and design/development of the Trading Platform that integrates with TradingView for real-time updates:

- User and asset management, with authentication via Google Authenticator
- Real-time data updates and trading analytics within a custom UI
- Initial Exchange Offering listing and management with blockchain currency management, including transaction reporting and dashboards.



- > BACK-END – JAVA (SPRING). FRONT-END – ANGULAR
- > MOBILE – FLUTTER
- > INTEGRATION WITH FIAT PAYMENT SYSTEMS AND LIVE CHART DATA (TRADINGVIEW).
- > DATABASE – MARIADB/MYSQL
- > BLOCKCHAIN – BTC, ETH, TRX, BCH, LTC, USDT, XUSD

EXPLORE THE FULL DEVELOPMENT CASE STUDY EBOOK

# FORTHCOMING EVENTS

The summer is a busy period for live events, and the DWS team is hitting the road in Europe and the US. In June, we will be attending two major international events. Blueprint4D in Las Vegas and London's Calling in, you guessed it, London.



## Blueprint 4D, 09-13 June 2025, Las Vegas

We are excited to participate in Blueprint 4D, the leading global event dedicated to JD Edwards (JDE) solutions. This premier gathering brings together industry experts, professionals, and innovators to explore the latest advancements in JDE technology and best practices.

We will be showcasing our specialized consulting services for retrofitting and code-current solutions, ensuring seamless system updates and modernization. In addition, we provide advanced test automation solutions designed specifically for JDE environments:

- **SwiftTest** – Automates testing processes to enhance efficiency and accuracy.
- **LoadTest** – Conducts performance testing to validate system stability under load conditions.

We are also introducing a comprehensive testing service; expanding on our JDE expertise and automated testing methodologies to offer a wider range of services to enterprise software customers.

Our solutions help mitigate risks, proactively identifying potential issues before they occur and ensuring long-term system reliability and stability. By leveraging our expertise and automation, businesses can confidently maintain their JDE environment with minimal disruptions.



## London's Calling, 06 June 2025, London

London's Calling is Europe's largest community-led event for Salesforce professionals. It returns to The Brewery, in the City of London, in June.

Back for its tenth outing this year, London's calling is a full-day event with multiple tracks of content and some outstanding keynote speakers. Organised and run by members of the Salesforce community, London's Calling is a not-for-profit event and brings together a wide variety of stakeholders from across the Salesforce universe.

We are delighted to announce that we will be a Gold Sponsor at this year's event. Come and say hi to the team and discover the power of SwiftTest for Salesforce, the application-aware test automation solution for organisations that depend upon Salesforce to support their business-critical, transactional processes.

SwiftTest for Salesforce is the latest iteration of our functional test planning and automation portfolio, designed specifically as a no-code testing solution for Salesforce users. SwiftTest can help reduce the time taken to build scripts by up to 80% and reduce the time taken to execute your functional test by a further 60%. If you'd like to see for yourself, arrange a free demo today.

## WEBINAR CONTENT AVAILABLE ON DEMAND.

If you missed any of our previous presentations, copies are available on-demand from our website.

LONDON  
HEATHROW  
– A BUSINESS  
TRANSFORMATION  
SUCCESS STORY



A CUSTOMER  
PERSPECTIVE ON  
JDE CODE CURRENCY  
AND CONTINUOUS  
INNOVATION





# TEN WAYS TO DE-RISK YOUR ERP UPGRADE



Stagnation is the enemy of innovation. Yet the fear of disruption can make businesses reluctant to upgrade core systems like JD Edwards EnterpriseOne. The good news? Upgrades don't have to be painful if you plan them well. Here are ten proven ways to reduce risk, manage change, and deliver upgrades with confidence:

1

## *Be realistic*

Understand the scope. A technical upgrade is often simpler than a full transformation. Plan accordingly to manage complexity effectively.

2

## *Don't be intimidated*

Avoid the mindset of "this is too big to tackle". Even on older versions like OneWorld XE or EnterpriseOne 8.x, getting current is often simpler than migrating to something entirely new.

3

## *Partner for success*

If your internal team lacks capacity, bring in an experienced Systems Integrator. Work with proven retrofit specialists to manage complex modifications.

4

## *Know what's changed (and what hasn't)*

Conduct a full analysis of your custom code. Eliminate redundant objects before starting any retrofit work to streamline the project.

5

## *Not all custom objects are equal*

Don't attempt to re-code everything. Prioritise critical objects and apply a "best upgrade approach" for efficiency and effectiveness.

6

## *Pick Your Moment*

Schedule large internal projects to avoid unnecessary overlap with your upgrade. But don't fear a code-freeze when needed. Choose timing based on stakeholder needs.

7

## *Stick to your plan*

Maintain strict project discipline. Deliver retrofits in testable bundles. Poor retrofitting will cause delays and throw your timeline off track.

8

## *Communication is key*

Build teams on trust and respect. Foster cross-functional dialogue and encourage input from all project stakeholders and subject matter experts.

9

## *#TESTSMART*

Retrofits should pass unit testing before delivery. Use automated testing tools, like SwifTest, to reduce manual errors and accelerate acceptance testing. We're offering a free 30-day trial with no commitment.

10

## *Embrace continuous delivery*

Regular, smaller code-current projects are faster, cheaper, and carry far less risk than large infrequent upgrades. Adopt continuous delivery for smoother, lower-risk improvements.

# DIMENSION

## ANALYZE AUDIT

### Ready to Start Your JDE Upgrade Journey?

Planning an upgrade or considering a code-current retrofit? Get clarity from the start.

We're offering a free initial Dimension Analyze audit to help you assess the scale and complexity of your planned project.

### EXTRACT | AUDIT | ESTIMATE

Dimension Analyze can reduce your modified footprint by up to **75%**, reducing the development effort required to upgrade your JDE EnterpriseOne System.

The preliminary audit is available as a complimentary service and provides a high-level view of your modified footprint. Dimension Analyze identifies where all the modifications are located by interrogating both the Pristine and Production environments; looking for the precise net change.

**Based on these results, we can provide a fixed price and timescale for your technical retrofit project.**

**REQUEST YOUR FREE AUDIT TODAY**



### About DWS

Since 1998, we have been providing development and technical services to organizations looking to customize, integrate, extend, upgrade or support their enterprise software applications.

DWS serves a global client base with proven methodologies and an innovative range of proprietary software and services. Our solutions help drive down the TCO of your enterprise software by delivering smaller, faster, smarter projects.

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

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