

# 10 WAYS TO ESTIMATE THE EFFORT OF AN UPGRADE



JD Edwards EnterpriseOne customers upgrade for many reasons: to improve productivity, streamline business processes, take advantage of new functionality, introduce better mobility to the workforce and eliminate the risk that comes from relying upon an unsupported software release.

Have you ever delayed a major upgrade because you're worried about the impact on your business, or because you cannot accurately identify the full extent of your modified footprint? You are not alone.

Delaying an upgrade can result in the very issues you hope to avoid. The longer you wait between upgrades, the greater the "net change" and the more cost and effort are likely to be involved.



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With Oracle's move to a Continuous Delivery strategy for JD Edwards EnterpriseOne, it is more important than ever that customers look to upgrade to release 9.2. Not only will this enable you to take advantage of new functionality and processes, but also to remain code-current.

For example, during a release-level upgrade, the actions to consider would be as follows:

## 1. UNDERSTAND YOUR MODIFIED FOOTPRINT

Analyse every object, every line of code, every user setting, and specification, down to a pixel movement level of detail, to determine your modified footprint. Use a cross reference to aid in the process of identifying relationships between objects.

## 2. IDENTIFY VERSION OVERRIDES

Identify Version Overrides and how they differ to the UBE template. Decide if they can be reduced or replaced by template mods. Are they redundant and/or preventing template change inheritance? Do the Version Overrides only exist because another version with overrides was copied and they can now be removed?





### 3. DECIDE IF MODIFICATIONS NEED TO BE KEPT CODE-CURRENT

Identify copies of standard applications and their based-on counterparts. Decide if they should be retrofitted and brought current or treated as 'custom objects'. Calculate the risks and benefits of each option.

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### 4. IDENTIFY & RETIRE UNNECESSARY OBJECTS

Determine 3rd-party-sourced objects. Identify any orphans. Consider the date your UBEs last ran and whether they are no longer being used.

### 5. RENAME ANY OBJECTS

Determine if objects are named incorrectly, and whether the upgrade is a good opportunity to rename them.

## 6. IDENTIFY USAGE OF BUSINESS FUNCTIONS AND APPLICATIONS

Utilize Object Usage Tracking to determine applications and business functions usage in the organization.

## 7. EVALUATE OBJECTS FOR POTENTIAL IMPACT

Determine the impact that Oracle's changes have had on your modifications and custom objects. The impact could be that the object itself has been changed in the to-release, or one of the child-objects it calls/uses has been impacted.



## 8. DE-CUSTOMIZE OBJECTS

Now that you have a list of the customized objects in use, determine which objects can be replaced by Plug and Play, User Defined Objects, Orchestrations or third-party products.

## 9. IDENTIFY THE BEST TECHNICAL METHOD OF UPGRADING AN OBJECT

Is it better to re-apply the modifications to the Target-release's version, or apply Oracle's net-change to the modified object? If the object is heavily modified, but Oracle's changes are small, then identifying the Best Upgrade Approach can significantly reduce the amount of work required to upgrade it to the new release.



## 10 RETROFIT AND TEST REMAINING OBJECTS

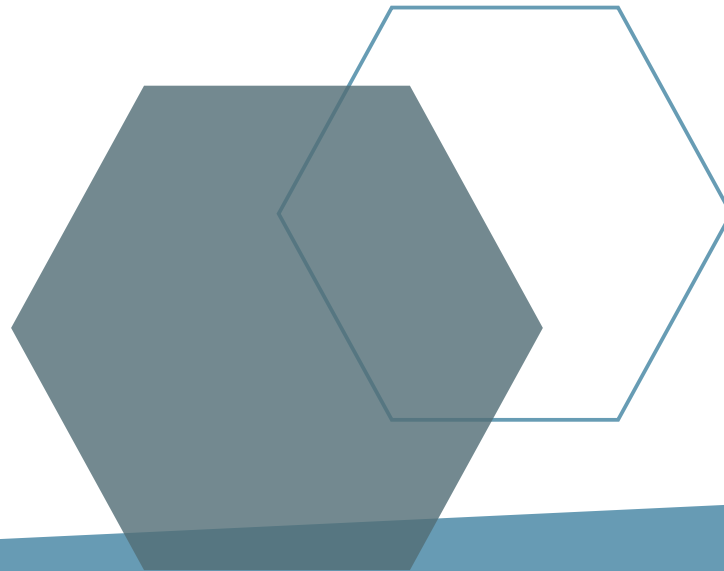
Based on your findings, identify the best upgrade approach and enable the retrofitting with an established partner who can deliver on time and on budget. Functional testing always needs to be carried out to ensure quality assurance and reduction of risk.

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# DWS DEVELOPMENT SERVICES

DWS delivers solutions that enable your organization to maximize the benefits of your JD Edwards E1 system. Using our proprietary DWS STAR and DimPro methodologies, we provide software development expertise and support to companies who want to customize and extend JD Edwards E1.

Our expertise in delivering solutions for on premise, hybrid and cloud infrastructure environments worldwide means we're well placed to support you no matter where you are on your migration path.





# ABOUT DWS

DWS is a leading provider of Oracle's JD Edwards EnterpriseOne and Cloud Applications software services and products. 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.

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