



# UPGRADING TO LIFERAY DXP

A platform upgrade can be exhausting: migrating large volumes of data, integrating 3rd party and custom applications, and implementing new user requirements. With Liferay Upgrade Solutions from Veriday, you get successful and fast delivery of your site on the latest version of Liferay DXP.





# MAJOR BENEFITS OF A LIFERAY UPGRADE

Our dedicated team of Liferay experts have years of experience building custom solutions on the Liferay platform as well as managing migrations from other platforms to Liferay. We guarantee that you will get optimal results with our expertise and Liferay partnership.



### Fast Timelines

Whether in collaboration or delegation, Veriday's Liferay Migration experts will deliver a like-for-like solution, freeing your resources to focus on growing your business.



### No More End-Of-Life Risk

Outdated platforms not only lack the latest features but create the possibility of performance and security threats; requiring more resources to maintain.



### Access to a Full Suite of New Products

With an upgrade to Liferay DXP you can now integrate with the latest Liferay products including: DXP Cloud, Liferay Commerce, and Cloud Analytics.



### No File Left Behind

From files and documents, to entire sites and custom applications, our process will ensure that anything and everything is migrated to Liferay DXP like-for-like.



### Foundation for Enhancements

With your solution in place on Liferay DXP, you will have all the latest features and development tools to enhance and scale your solution as your business grows and requirements change.



### Modern Age

In today's ever-evolving technology landscape, organizations must be agile to deliver the best user experiences. Veriday and Liferay make sure you're at the forefront of what's possible.



SERVICE PARTNER  
PLATINUM

# UPGRADE METHODOLOGY

A platform migration or upgrade to Liferay DXP will be a catalyst for business improvement. With our team of experts, a typical migration will take approximately **45-90 days**. Our methodology is designed to maximize business outcomes in the shortest possible timeframe.

## Assessment & Planning:

Gather the information needed for the Liferay upgrade project, and plan for the tasks, resources, budget, risks, testing, and go-live strategies.

## Preparing:

Ready your environment and data for platform migration.

## Upgrade:

There are three major upgrade components to consider: Data, Code, and Infrastructure.

## Test:

Ensure your site is flawless before the go-live date.

## Go Live:



## OPTIONAL ENHANCEMENTS

Take your platform to the next level. In addition to the base upgrade or migration, Veriday offers a host of optional value-add services to make the most of your DXP upgrade including:



**Cloud  
Implementation**



**UI/UX Redesign**



**DXP Readiness  
Training**



**ADA Compliance**



**Platform Roadmap  
Consulting**

## TRUSTED UPGRADE FOR 1300+ IT PROFESSIONALS



# UPGRADE BEST PRACTICES

## Upgrade Analysis

- Analyze what has changed and what has not from Liferay 6.x
- Identify the current environment and the updates needed to run Liferay DXP
- Since Liferay DXP runs on Java 8, make sure all your custom plugins run on Java 8
- Some customizations, plugins developed for 6.x are directly provided by DXP. Else, additional testing is needed For their QA after the upgrade
- Understand the risks of migration and prepare on plans to mitigate them

## Backup & Restore

- Always take a latest backup of the database, document library and the current portal server
- Prepare a roll back plan using these backups and make sure the roll back actually works smoothly
- Identify any unused data, documents lying around in the portal and remove them using API

## Staging environment setup for migration

- Preparing a staging environment for migration includes
- OS upgrade if necessary
- java 8 version upgrade if necessary
- Install the latest Liferay 7.1 bundle, configure the patching tool and apply the latest fix packs available
- If you are already using an older version of Elasticsearch using our ElasticRay plugin (<http://www.elasticray.com/>), then you need to upgrade the Elasticsearch server to the one supported by Liferay DXP. Else, you can install a fresh Elasticsearch version supported

## Install database server of your choice (MySQL, PostgreSQL, etc)

- Load the current liferay schema on your staging database server
- Copy/move a backup of your document library to your liferay bundle's /data directory

## Run migration on Staging

- Migrate the database to DXP
- Migrate the plugins, hooks and other customizations to be DXP compliant

## Post Staging Upgrade

- Perform smoke testing/navigation around multiple sites & sub-sites
- A heavy functional and performance testing is needed
- Review the logs/ liferay .{date}. log file for any startup or runtime errors
- Repeat the process for several dry runs and do heavy functional and performance testing
- Document any issues faced and the solutions to fix them. These will be helpful while running the migration on Production environment

## Production Migration Strategy

- Ensure all the latest backups are taken (data & document library)
- Test restoration of backed up data
- Install the necessary software required to run Liferay DXP. This step is already done on staging
- Choose a migration window and notify the stakeholders of service downtime
- Ensure all hands-on deck
- Run the db upgrade and portal upgrade
- Do a thorough functional and performance testing
- Continuously check logs for any issues

# DELIVERABLES

## Scope of Services:

The in-scope assessment activities for Veriday for the proposal options are as follows:

1

Environmental Analysis Key Artifacts Review and Pre-Planning

2

Risk Assessment, Management, and Contingency Planning

3

Infrastructure Review and Validation

4

Solution Architecture & Vision - Confirm architecture aligns to best practice architecture patterns

5

System Configuration and Database Review

6

Content Repository Review

7

Custom Development Review - (Portlets, Themes, Plugins, Extensions, Hooks)

8

Software Development Lifecycle Review

9

Assess consolidation of existing portals into one - *Review option for additional portals and implications to security and user management*

10

Assess the addition of an application as a potential replacement of an in-house app built on PowerBuilder/Oracle. Application to be presented as part the portal to employees



**Special Discounted Cost \$20,000  
Reduced from \$50,000**



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