Liferay DXP

Integration Platform Features

Liferay

Introduction

The steps to make digital transformation a reality are not always straightforward and clear, especially when enterprises have pre-existing systems valuable to their unique business needs. IT leaders need to manage the many systems that are already in place to continue to build value upon their existing investments.

Make use of those legacy investments and prepare for future technologies with a flexible and integration-friendly platform. Built to work with almost everything, Liferay Digital Experience Platform (DXP) is a fully featured platform with a host of integration points to help companies digitally transform and stay competitive. IT leverages Liferay's robust development platform to quickly build and integrate applications, ensuring their organizations have the tools necessary for success. Teams can access Liferay developer tools to facilitate source code modification and development, which is helpful when needing to develop an application or enhance the functionality of an existing system.

Key Benefits

Unify Disparate Systems

APIs, web services and messaging services make it easy to unite third-party software and legacy systems on Liferay DXP. Liferay DXP builds on its portal heritage with a set of comprehensive business components that can connect all your systems and processes.

Simplify IT Management

Liferay DXP is compatible with most systems and technologies, even closed-source software. If you have a platform that gives you the flexibility to integrate systems and applications exactly the way you need them to be integrated, you're simplifying your IT while giving your organization the freedom to move away from systems that are burdens.

Create Custom Solutions

Customized solutions are necessary for addressing an organization's various internal and external use cases. Liferay provides control over maintenance and updates while also opening up possibilities as to what can be built in the future.

Leverage Past Investments

Don't let legacy systems hold you back, but don't waste your past investments. Redundant systems can be consolidated under a modern user interface— meaning that users no longer have to jump between systems for everyday tasks. This solution is cheaper and faster than completely transitioning off of old systems, without compromising on user experience.

Enjoy Greater Developer Freedom

Liferay DXP is designed to consolidate and connect technologies, data and systems with development tools and well-defined layers. The platform's open source nature and extensibility mean developers enjoy freedom and flexibility when building on top of it.

Features

Platform Integration

Deliver seamless user experiences with a flexible, modular architecture that enables agile growth with user needs.

Identity Management (SSO/SAML)	Liferay offers a customizable single sign-on (SSO) that integrates with CAS, LDAP (Active Directory, etc.), NTLM, CA Siteminder, Oracle Access Manager, Novell Identity Manager, OpenSSO and more. For example, the SAML 2.0 Provider allows Liferay to act as your SSO server to authenticate all applications integrated. OAuth 2 is the de facto standard for providing authentication and authorization between systems.
User Management	Liferay DXP fully supports LDAP for user management and storage. For organizations who already use LDAP, this makes it convenient to connect to an LDAP server and import user data. Liferay DXP supports Apache Directory Server, Microsoft Active Directory Server, Novell eDirectory, and OpenLDAP.
Document Management/File Stores	Integrate with popular 3rd party external repositories like: Google Drive, SharePoint, WebDAV, Alfresco, Documentum, Nuxeo. Liferay DXP also provides access to various file stores for production and non-production environments: Simple File System Store, Advanced File System Store, Amazon Simple Storage Service (S3), CMIS Store, DBStore.
Search Infrastructure	Liferay DXP provides adapters and add-ons to help you connect either Solr or ElasticSearch, two popular enterprise search platforms, that allow you to search for data through an index without the expense of doing direct database queries. Liferay's search infrastructure and APIs allow for more functionality and a variety of search customizations to take your system's search capabilities to the next level.
Custom Fields	Custom fields framework to all of Liferay DXP's assets and resources allows for more flexibility for developers and allows for more complex use cases and needs to be met.

Mobile	Liferay DXP's mobile experience suite is a collection of software to enable responsive design, native and hybrid app development, push notifications, and mobile integration with different Liferay instances and applications.

Integration Framework/APIs

Leverage APIs, web services and messaging services to unite third-party software, legacy systems and data on Liferay DXP.

Integration Framework	Liferay DXP is a central presentation layer platform for integrating content and services from back-end or legacy applications. Liferay supports multiple methods to integrate, including SOAP, REST, RSS, as well as proprietary APIs.
Liferay APIs	Liferay's APIs allow developers to extend Liferay DXP's out-of-the-box features.
Form Entry Management	Liferay DXP provides functionality for improving the end user experience upon form completion. End users can receive email notifications after a form entry and export entries into an XLS format. Entries have workflow integration provided, so that they can also go through a workflow process after submission.
Data Provider Integration	Integrate external web services using a Data Provider to apply to fields and benefit from live data. You can pre-populate fields with data from external services, and import and export Data Provider definitions.
Workflow	Use APIs and seamless integration with supported workflow engines.

Development Tools/Standards

Maintain and control your Liferay DXP instance with developer tools for building, managing and controlling Liferay projects with convenience and added simplicity.

Developer Tools	Service builder takes care of low-level jobs so developers no longer need to write boilerplate code and can concentrate on writing business logic. This way it saves on the development time of building the service-persistence layer manually. It also allows developers to expose remote services to be used in outside applications. Workspace is another great tool that helps with streamlining the deployment process and makes overall development faster.
Industry Standards	AJAX iCalendar & Microformat JSR-168 (Portlet) JSR-286 (Portlet 2.0) JSR-127 (JSF) JSR-314 (JSF 2.0,2.1), JSR-344 (JSF 2.2) JSR-170 (Content Repository) Spring 3.0 & AOP WSRP 1 & 2 CMIS 1.0/1.1 OpenSearch 1.1 OpenSocial 2.5 Hibernate collection of projects OSGi Core 6.0 SAML 2.0 OAuth 1.1
OSGi/Modularity/ Extensibility	Modularity through OSGi makes the development process of extending and customizing Liferay DXP easy to manage.

Moving Forward

Request a Customized Demo

Talk to Liferay's Sales team for a customized demo and an opportunity to ask questions about how Liferay can solve your unique business challenges.

Schedule a live demo >

Customer Story: A Platform to Unify Experiences

See how Grants.gov integrated 17 legacy solutions in a single user platform using Liferay. The organization needed to modernize their legacy platform to meet the latest standards while not disrupting the 4 million weekly visitors accessing the site worldwide. As the foundation for the new platform, Lifreray's flexibility and security enabled the organization to build a hybrid platform with third-party plugins, custom coding and Liferay applications in just six months. The success of the platform not only enhanced user experience but also skyrocketed web traffic.

Read the Case Study >

Liferay

Liferay makes software that helps companies create digital experiences on web, mobile and connected devices. Our platform is open source, which makes it more reliable, innovative and secure. We try to leave a positive mark on the world through business and technology. Hundreds of organizations in financial services, healthcare, government, insurance, retail, manufacturing and multiple other industries use Liferay. Visit us at liferay.com.