⊞ Liferay ®

Integration

Create unified digital experiences on any channel by connecting all your systems, applications, and data on one platform.

Deliver better digital experiences, manage remote applications more efficiently, and integrate disparate systems to create more productive online experiences. Headless APIs, Client Extensions, and strong integration frameworks enable you to deliver unified digital experiences across a wide range of devices and channels.

Benefits

Create a seamless digital experience for your users so they can easily accomplish their goals no matter what device or channel they use.

Integrate external backend or legacy applications faster, and simplify complexity by connecting disparate systems, tools, and data into one unified view.

Leverage Liferay's Integration Capabilities to:

Integrate Back-End Systems

Liferay provides a platform for integrating content and services from back-end or legacy applications. It supports integration with SOAP, REST, GraphQL, RSS, and proprietary APIs, making it easy to unite third-party software, legacy systems, and data, so you can create more productive and efficient user experiences.

Remove Data Silos

You can import and export data between Liferay and external systems, like MySQL, SAP, Salesforce, etc., using:

- Liferay Objects API. End users could create data input into backend systems without writing code. An admin can create the forms needed via Form Containers, store all data into an Object and leverage an ETL to extract the data via Objects API, to map to a set of backend APIs.

- Liferay Data Engine API. End users could create data input into backend systems without writing code. An admin can create the forms needed via Liferay forms, store all form submission into Liferay's data engine store, and leverage an ETL to extract the data via the data engine API, to map to a set of backend APIs.

- The Data Migration Center, which leverages the Batch Engine framework and headless APIs, allows users to easily provide export and import operations using JSON or CSV files.

- Talend Components that connect with Talend Open Studio. Once added, you can use these components to design Talend Jobs that connect to Liferay and perform ETL operations along with other Talend components. Liferay's Talend Components can connect to both out-of-the-box Headless APIs and any custom APIs developed using REST Builder.

- An ETL tool can extract data from one system, transform that dataset to conform to a standard and format, and load this transformed data to another system.

- Mulesoft to connect applications together. It can be used as an alternative for the load and extraction strategy with Talend.

Connect to Existing Systems

Liferay comes with a library of pre-build connectors to quickly create integrations between common systems. Some of these connectors include:

- Salesforce. Import account, user, and order data from Salesforce to Liferay.

- Google Drive and Office 365. Create and edit files within those systems and any updates can be populated within Liferay.

- SugarCRM. Manage data from SugarCRM directly leveraging Proxy Objects.

- Mulesoft. Design Mule Flows to batch import, update, and delete records.

- DocuSign. Support the use of electronic signature processes. A subscription to Docusign is required to use this feature.

- Click-to-Chat. Liferay includes out-of-the-box integration to 10 popular Click-to-Chat providers. Administrators just need to configure by providing the appropriate Provider ID or API key details.

Build Headless APIs

Headless APIs empower front-end developers to deliver richer, faster, and more responsive user experiences. Front-end developers can use their native tools and frameworks to build digital experiences that go well beyond simple websites and mobile apps. These digital experiences include virtual assistants, kiosks, IoT/smart devices, and a number of different social media channels.

Our set of APIs, available as REST and GraphQL, provide access to structured content, DM, categories, keywords, commerce features, and other components.

For APIs that Liferay DXP doesn't natively provide, you can build your own custom APIs using Liferay's REST API Builder.

Customize Liferay without Modifying the Platform

Client Extensions are a new class of Liferay extensions that make it easier to customize Liferay solutions without directly modifying the Liferay platform. This allows customers to modify the portal's functions and behaviors through code without needing to touch the Liferay core or compromising upgrades and maintainability.

This also allows developers to use whatever browser language or framework to build custom solutions that can connect to the platform. These improvements make it easier for users to create custom solutions and for Liferay to release new updates faster and streamline delivery.

To learn more about Client Extensions, visit our Low-Code page.

Access Solutions and Apps through Liferay Marketplace

With Liferay Marketplace, partners and citizen developers can showcase the apps and solutions they have developed on Liferay. Other users can use them to accelerate the creation of their own solutions. Visit marketplace.liferay.com to learn more.

Next Steps

Integration is just one of the out-of-the-box features that Liferay DXP provides. On a single platform, you can leverage integration alongside many other native capabilities to build current solutions and future ones, as your business needs expand. To view all of Liferay's capabilities, visit: liferay.com/capabilities.

> **Ready to see how Liferay can work with your existing systems?**
> **Request a demo at liferay.com/request-a-demo.**