

# Extensibility and 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, Remote Apps, and strong integration frameworks enable you to deliver unified digital experiences across a wide range of devices and channels, while also making it easier for you to manage your external applications and extend the functionality of your Liferay solutions.

## Benefits



Simplify the management of remote applications to make it easier to extend the functionality of Liferay and perform platform upgrades.



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



Empower front-end developers to deliver richer, faster, and more responsive user experiences using their native tools and frameworks.



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

# Core Features

## 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.

## Remote Applications

Remote Apps allow you to extend the functionality of Liferay DXP without modifying the code base. For example, instead of creating special applications and deploying them as OSGi modules on Liferay DXP, you can now create and host your applications on a separate server, and use Remote Apps to register your applications and render them on Liferay DXP pages as widgets.

By using Remote Apps, you can keep your application development cycle separate from platform upgrades, enabling you to build applications that are less dependent on a specific version of Liferay to function properly. This approach simplifies your upgrade path to different versions of Liferay DXP, so that you can take advantage of its latest features sooner.

When creating a Remote App entry, you can select between the IFrame and Custom Element types. This determines how the external application is registered with Liferay DXP and rendered in Site Pages

## Integration Framework

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.

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](https://www.liferay.com).