

## How to Create 4x Faster Application Integration with Low-Code

### Mendix – A Leader in LCAP

Mendix is a low-code development platform that helps develop low-code platform-based applications. With its visual models, best practices, & a comprehensive set of tools for developing, testing, deploying & iterating, you can build apps fast & effortlessly. As it is a cloud-native architecture, you can deploy your apps on-premise or any cloud with a single click.



There are several alternative paradigms for Mendix low-code applications that improve application performance by 4x:

### Data Hub

Allows the end-user to share the app with team members. It is one of the strongest components of Mendix & can easily create highly dynamic landscapes of components & microservices without losing architectural best practices like encapsulation & data ownership.



### Workflow

Visual language in Mendix Studio & Mendix Studio Pro that allows you to solve business problems involving processes.

### Rest-Integration

Rest service module for Mendix. It allows users to make apps communicate with external services. It has consumed & publishing Rest-based services & real-time data synchronization. Rest supports Json, converts the external system to Mendix objects. Rest improves application functionality & performance.



### Security

One of the most important components. Mendix has project security & model security that provides role-based user access to applications built with the platform out of the box. Mendix project contains more modules. The module is nothing but a set of functionalities of the application.

### Mendix's Cloud

Where we can get a cloud node license & deploy our application. The Mendix cloud architecture is set up as fully high-available and divided into multi-availability zones.



### Data Management

Used to develop new app data that is derived from multiple sources such as SQL databases. Every application contains one or more modules that contain a large amount of data. To handle that data, Mendix provides some components such as data storage, integrity, security, querying.

Low-code platforms are faster than traditional programming languages. The former provides functionality such as drag & drop, with the help of which, we can develop any module in the minimum period as compared to traditional programming languages.