

# How Bungee Connect Enables Cloud Computing

Integrated And Interactive  
Cloud-based Applications



[www.bungeeconnect.com](http://www.bungeeconnect.com)

## Cloud-based Development

“More with less” has always been the mantra for CIOs trying to get as much efficiency as possible from existing systems. IT departments are reevaluating their application and platform strategies - looking for innovative ways to cut costs and create competitive advantages. New economic pressures require new solutions that fit within the financial limitations CIOs are facing.

Cloud computing is changing the way IT departments deliver new functionality and business value with these additional financial pressures. Cloud computing brings a more cost-effective, faster and less risky alternative to traditional on-premises development, changing forever the economics of business computing.

*For professional developers, Bungee Connect enables cloud computing by offering an application development and deployment platform that enables highly interactive applications integrating multiple data sources and facilitating instant deployment. Built specifically for cloud development, Bungee Connect reduces the effort to integrate (mashup) multiple web services into a single application. Bungee automates the development of rich UI and eases the difficulty of deployment to multiple web browsers.*

## Bungee Labs and Cloud Development

For years, the Internet has brought easy-to-use services to consumers and businesses by making functionality and data available through the web rather than traditional installed software. Now, Bungee Connect makes available the first platform specifically designed to build and deliver cloud-based applications in record time.

Here are five ways Bungee Connect leverages cloud development to bring additional value to organizations committed to building applications for the cloud:

### 1. Simplifies Integration

Gartner estimates that up to 35 percent of the implementation costs associated with on-premise application development is for integration. Bungee Connect offers a new level of integration across the enterprise by enabling the integration of data from public and private web services. Consuming available services, Bungee Connect provides web service import and integration with many different technology standards, leveraging existing enterprise application data and services. Bungee Connect provides automated UI integration and binding, so data is automatically bound to controls and represented on forms. This saves a tremendous amount of effort during development and makes modification and change much simpler.

### 2. Instant Deployment

Cloud computing simplifies the delivery of an application by making it possible to instantly deploy or update to a new version. Deployment is no longer a drawn-out, multi-step processes to make an application, or even an update, available to end users. With Bungee Connect, deployment is as simple as specifying a URL to access the application, whether test or production, and making it live. As updates are made to the application, pointing a deployment to a new version is all that is required to make it available to end users.

### 3. Richer User Experience

Through innovative consumer services, end users have become accustomed to rich and highly interactive user experiences. Traditionally, meeting these rising expectations has required complex and time-consuming development, placing this kind of interactivity out of reach for many business applications. Complexities include the coordination of multiple technologies and the consideration of multiple browser clients. A rich user experience makes applications more productive by eliminating unneeded page refreshes to complete simple tasks. An interactive application makes the entire experience more similar to the desktop environments with which users are already familiar, thus reducing training and support. A traditional web UI may require 4-9 page refreshes to complete an action as simple as opening a record, editing the data and then saving the changes. A richer experience can remove these unnecessary page refreshes and allow for inline data editing and greater productivity.

Bungee Connect removes this complexity and automatically provides rich interactivity by combining multiple standard technologies and wrapping them in a single cloud-language, Bungee Sky. Because the concepts and technologies used to develop Bungee Connect applications are similar to those used for traditional development, developers trained in Java, .NET, or C++ can ramp up in just a few days.

#### 4. Requires Fewer Technical Resources

With Bungee Connect, developers can add rich interactivity and data integration without requiring multiple contributors possessing a range of domain expertise. Using Bungee Sky, developers write application logic, layout the presentation layer and connect to data sources using a single language. Traditional approaches require the architecting and combination of multiple languages and technologies to achieve the same interactivity. Sky provides a single language to all layers of cloud-based application development.

Bungee Connect provides a more dynamic development environment in which changes can be made, tested, and deployed in a fraction of the time of on-premise platforms. Once applications are built, they can be rapidly changed to adapt to shifting market demands.

#### 5. Faster Returns

With Bungee Connect, companies can see value returned on their investments faster than other approaches. During economic turmoil, projects that cannot deliver a return on investment within weeks are often delayed or canceled.

Bungee Connect development streamlines the entire application development lifecycle with an integrated environment designed especially for the creation of cloud-based business applications. The Bungee Connect development environment has been pre-configured to include tools for web service integration, database connectivity, highly interactive user experience, automated state management, integrated source control, and simplified deployment to testing or production environments. Developers can immediately get to work building the application and writing application logic. Once applications are built, they are automatically supported by the Bungee Connect platform with world-class security, performance and reliability.

The Bungee Connect development and deployment environment enables businesses to more quickly deliver applications by removing unnecessary complexity and tedious work. By shortening development cycles and enabling more rapid deployment times, businesses see quicker returns on their development investment.

### Summary

In today's economy, with limited budgets and a highly dynamic market, cloud computing helps refocus an organization and its systems quickly, with minimal resources. Bungee Connect supports the move to the cloud with specifically focused cloud development methodologies. Bungee Connect's architecture works to simplify the integration of multiple web services and fast, automated deployment. Resultant applications enjoy rich UI that is more productive and easy to use. The process eliminates numerous complex technologies required for cloud development and deployment and shortens time to return on investment.

With Bungee Connect, companies can jumpstart innovation, improve time to market, and create competitive advantages faster than ever.