

Infinity Studio

The CommonTime Infinity Studio enables our development team to rapidly build complex, feature rich applications.

A Next-Gen Development Environment

The CommonTime Infinity Studio has been designed to enable our delivery team to adopt an agile development approach. With a graphical front-end editor and the flexibility to manually edit components, the Infinity Studio provides the perfect environment to both rapidly create prototypes and deploy production-ready solutions.

The prototyping, iterative development and testing stages of our process are further aided by a live preview functionality. Real-time JSON model rendering allows developers to view a working preview of the build at any stage, whilst making changes within the Studio.

Applications developed in the Infinity Studio utilise web-based technologies such as HTML, CSS and a number of JavaScript libraries. Additionally, a number of re-useable web components are supported, including; HTML5,

Angular and Polymer. Subsequently, apps compiled for iOS and Android and desktops share a single code base - reducing both delivery and maintenance timescales.

As well as non-proprietary technologies, the Infinity Studio includes support for a range of custom integrations - including REST APIs, webhooks, Azure app services and more. This enables our applications to work with a variety of data sources by integrating directly into customer & third party back-office systems.

Once complete, applications are compiled via the Adobe PhoneGap build service that outputs native iOS and Android versions. Therefore, updates only need to be applied to the single source code to be made available across iOS, Android and web-based applications.

Not only does the Infinity Studio enable the rapid development of complex applications, it makes the process more collaborative, leading to fully realised solutions that meet operational challenges.

Built for Real-Time Communication

Fast, effective communication is vital to many modern organisational processes. That's why the Infinity Studio has been built with messaging at its core. Utilising an Elixir server and the Erlang programming language, our technology is designed to support massively scalable, fault-tolerant systems - such as messaging applications with a high number of users.

With XMPP, our team are able to build applications which send both user input and auto-generated messages to other networked devices. Advanced features such as receipts for received & read messages, user rosters, queued delivery and online/offline statuses can be added into any application.

Key advantages to building real-time communication systems within the Infinity Studio include; flexible in-cloud & on-premise deployment options, custom data storage integrations, full bot support and a powerful admin console accessible via open APIs. In addition to this, our team of expert developers are constantly improving & updating the Infinity Studio to ensure it remains the leading platform upon which to develop enterprise grade messaging solutions.

