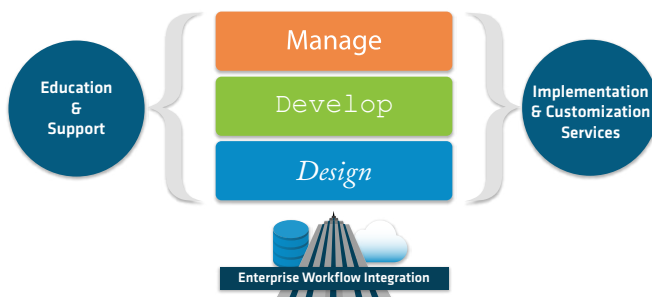


# Sencha Web Application Lifecycle Management Platform

Businesses are under more pressure than ever to deliver sophisticated web applications to their customers as quickly as possible. These applications are expected to be high quality, visually compelling and run on multiple devices including desktops, tablets, and smartphones. Plus, many of these applications will live for several years meaning that organizations have to consider the cost of maintaining and upgrading the application over the long term.

## The Sencha Mission

Our mission is to help organizations deliver the right experience on the right screen at the right time. To deliver on this mission, we've created the Sencha Web Application Lifecycle Management Platform for designing, developing and deploying and managing cross-platform web applications.



## Design

Delivering great web applications to the market starts with enabling designers and developers to collaborate and create visually compelling web applications. To make that process easier, we've created Ext JS Stencils that allows designers to more quickly create mockups and wireframes, which match the UI component available in Ext JS – without writing a single line of code. Stencils is a complete UI asset toolkit that can be used with the most popular tools including Adobe Illustrator, Sketch, and Omnigraffle.

## Develop

It's critical for developers to reduce time to market and deliver high-quality products. We provide comprehensive frameworks that teams can use to build cross-platform web applications. We offer both a JavaScript framework – Sencha Ext JS, and a Java framework – Sencha GXT.

### Sencha Ext JS

For developers who want to use HTML5, CSS, and JavaScript, there is no better choice than Ext JS. More than 60% of the Fortune 100 rely on Ext JS and its comprehensive component library. It comes with everything a developer needs to create a complex web application including UI component, data package, advanced charts, and application templates to help developers jumpstart their development efforts. Plus from a single code base, developers can create applications that will run on desktops, across both legacy and modern browsers, tablets and smartphones. Key capabilities and features include:

- High-performance customizable component such as HTML5 grids, trees, lists, forms, menus, toolbars, panels, windows, and much more
- Back-end agnostic data package so apps can be connected to any back-end system
- Application templates that help developers get a jump on building apps, and the layout manager that gives complete control over the display regardless of device and screen size
- Advanced theming to adjust the look and feel of applications or create custom branding
- Accessibility package to help with ARIA Section 508 compliance
- Advanced charting that allows developers to present data in line, bar, pie charts, and more
- Pivot Grid data analytics that enables users to aggregate large and complex data sets within their web application
- IDE plugins for JetBrains, Visual Studio, and Eclipse that improve developer productivity by enabling code completion, code inspection, refactoring, and more

- Sencha Inspector that provides advanced debugging capabilities for applications built using Sencha frameworks
- Sencha Cmd, which is designed to optimize production builds, and provides scaffolding options, code minification, and more.

In addition, Sencha Architect provides a visual application builder and a theme generator that enables users to develop applications without writing a single line of code. Sencha Architect automatically generates code following best practices to ensure high quality, which is critical for any web application.

## Sencha GXT

For developers who want to build applications in Java, we offer GXT, the most comprehensive Java-based framework for building feature-rich web applications. It uses the GWT (formerly Google Web Toolkit) compiler, allowing developers to write applications in Java and compile code into highly optimized cross-platform HTML5 code. Key features and capabilities include:

- High-performance UI components which are interoperable with native GWT components
- Layout manager which gives complete control over the display – across device types
- Advanced charting which allows users to visualize large quantities of data
- Built-in support for RPC, RequestFactory, and JSON, so developers can feed data to applications using any back-end data source
- Theming support, allowing developers to build web applications that reflect company branding guidelines

## Deploy and Manage

### Sencha Web Application Manager

Web application deployment is often one of the biggest impediments to ensuring the success of web applications. Too often, organizations rely on outdated deployment methods for modern web applications. Sencha Web Application Manager is designed to accelerate web application deployment and eliminates time-intensive application wrapping and the app store submission process. Administrators can deploy multiple applications to a secure container on a user's device within seconds. Users need to only download the Web Application Manager client application one time from the app store. Key benefits include:

- Accelerates application deployment and improves release predictability
- Eliminates security gaps by encrypting all application resources and the data they use
- Provides reporting and analytics of application usage, adoption, and performance
- Improves management and control over access to critical enterprise application data and resources

## An Open Platform

We provide an open platform that integrates into existing IT environments such as single sign on (SSO) and LDAP, and works with existing back-end systems such as SAP and Oracle. The Sencha Platform can be adopted in a modular fashion, so organizations can select the best frameworks and tools for their needs.

## Services and Training

The Sencha Platform is backed by expert support and services that round out the solution. Our dedicated team of engineers and consultants provide deep technical training, customized implementation, technical support, and professional services. Onsite, online and private training are available to get teams up to speed and accelerate development efforts.

## Support

Sencha experts are here to answer questions and help keep projects on track. We provide remote troubleshooting, free upgrades to the next major release, nightly access to bug fixes, and more.

## About Sencha

More than 10,000 customers and 60% of the Fortune 100 rely on Sencha to deliver innovative applications that drive their business. The Sencha Web Application Lifecycle Management Platform uses the power of modern web technology to empower the enterprise to seamlessly design, develop, deploy and manage cross platform web applications that deliver the right end user experience on the right screen at the right time. Organizations are using the Sencha Platform to improve productivity and accelerate every stage of the web application development lifecycle.

