

# Proof of Concept for Application Modernization



All companies, no matter how big or small, use applications to run their businesses. Employees use these applications to run supply chains, HR processes, trading platforms, financial operations, research and development efforts, partner portals – the list is endless. Many of these mission-critical, long-lived applications have been built on proprietary legacy platforms which, while still instrumental to the overall business, limit their effectiveness in today's fast moving, standards-based IT environment.

There is no doubt these applications will remain mission-critical well into the future, but they need to be brought into the modern web and mobile world. Modernizing these applications will not only enhance their capabilities, it will also create new business value from them.

## Service Overview

Before starting an application modernization initiative, it may be necessary to demonstrate the technical, financial, and delivery expectations of a chosen approach in order to create a high level of confidence in the project's success.

The Proof of Concept for Application Modernization engagement will provide you with the expertise to get your team ready to demonstrate how to transform an existing application into a web application, using Sencha Ext JS, so it can be accessed via a wide range of devices, including desktops, tablets, and smartphones.

During this engagement, Sencha will demonstrate the viability of transforming an existing legacy application into a universal web application. A big part of the cost of developing and supporting an enterprise application is the number of operating systems and browser combinations that must be included as part of the deployment. Delivering this proof of concept on Sencha Ext JS is a strategic decision that will change the risk/reward ratio to your favor.

## Project Schedule

**Days 1 & 2** – This session will start with the Sencha Solutions Engineer meeting with the development and management team to provide an overview of the philosophy of architecting modern cross-platform web applications using Ext JS as well as a typical process flow.

The Sencha Solutions Engineer will continue to work with the development and management teams to understand and agree on the exact scope of the effort. This includes reviewing any existing requirements documentation or conducting whiteboard sessions to understand the nature and scope of the application that will be modernized. The output of this session is a documented set of success criteria for the proof of concept and the expected functions and layout to be created and/or modified.

**Days 2 & 3** – The Sencha Solutions Engineer will meet with the development team to define the exact behavior of the proof of concept including the definition of data elements necessary to demonstrate proper application behavior by leveraging existing data integrations. The scope of this effort does not include modifying or building custom back-end solutions but may include methods of consuming existing data stores into the application.

**Days 3 & 4** – The Sencha Solutions Engineer will work with the development team to create or modify the layout of the necessary screens for the proof of concept. This includes expected behavior of the screens and any business logic necessary to show appropriate function.

**Days 5-8** – The Sencha Solutions Engineer will begin creating the proof of concept based on the documented requirements. This may include working with a small subset of the development team to show them the development process using the Ext JS platform.

**Days 9 & 10** – The Sencha Solutions Engineer will finalize the proof of concept based on the documented requirements. Once complete, this will be demonstrated to the development and management teams. This includes a Q&A session to ensure confidence in the approach for justifying the production-phase development and implementation project.

This is our recommended approach using best practices. It can be adjusted to accommodate the specifics of your situation. The Sencha Solution Engineer is a senior consultant and will mentor your team to be successful in creating the appropriate ROI for your project, while demonstrating the viability of the technology and the development approach to meet your business needs.

## Custom Services

### Custom Engagements

For companies that require a more customized approach, Sencha also offers longer-term consulting engagements for web application design, development, and deployment projects. These services include developing a proof of concept, design services, custom component creation, and a variety of other options.

### Staff Augmentation

Sencha also offers a resident engineer program for companies that need additional assistance with web application development efforts. The resident engineer can establish a long-term web application architecture standard, and then assist with design, development, deployment, and support. These services can be delivered either on-site or remotely.

## About Sencha Services

For more information about Sencha services, including technical support, professional services, and training, visit us at [www.sencha.com/services](http://www.sencha.com/services).

## 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.

