# Architecture Review

Developing sophisticated cross-platform web applications can seem like a daunting task. And teams are under pressure to deliver them to market as quickly as possible. With this in mind, Sencha Professional Services provides an essential jumpstart engagement to improve your development productivity and accelerate your web application releases.

## Service Overview

The Architecture Review engagement will provide you with the expertise to get your team ready to design, develop, and deploy sophisticated web applications. During the course of the engagement, the Sencha Solutions Engineer will guide you through the latest in web architectures and application development with modern browsers, HTML5, CSS3, and Sencha technologies.

## Project Schedule

### Phase 1 – Discovery (Days 1–3)

**Goal:** Understand the scope of the desired application

Typical topics:

- Discuss application use case – how it will be used and what problems will be solved
- Desired or existing application architecture
- Data validation requirements
- Target platforms and browsers
- Current application front-end technology
- Grid, data refresh (real-time updates), and data persistence
- Existing and desired back-end services

### Phase 2 – Knowledge Transfer, Architecture, and Planning (Days 4 & 5)

**Goal:** Establish a plan of action for creating an enterprise application

Typical tasks:

- Guide the development team through the capabilities of HTML5, CSS3, and Sencha frameworks and tools, as they relate to application requirements.
- Explore areas where the functionality may need to be revisited or augmented with native capabilities.
- Share common practices with architecture and coding standards while focusing on maximizing performance and user experience.

- Share best practices and experience on team development, unit testing, and source code control integration.
- Discuss tooling and testing methodologies in common use.
- Discuss UI and UX for cross-platform web applications.
- Explore code reuse, packaging, deployment, and long-term maintenance.

### Phase 3 – Proof of Concept and/or Sample Code (Days 6–10)

**Goal:** Ensure project success by reviewing code examples, best practices, and advanced topics

Typical tasks:

- Document architecture details.
- Guide team through creating project layouts.
- Discuss and demonstrate theming and other advanced topics.
- Explore custom proxies for legacy or non-standard web back-ends.
- Create industry-specific custom components.

## 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.