

# Architectural Evaluation

NodeSource will provide consulting services consisting of an architectural evaluation and audit of existing and planned technical architecture. The evaluation and audit will be a series of conversations conducted with key stakeholders including but not limited to the CTO, Chief Architect, CIO, VP(s) of Engineering, VP(s) of Product, Development Managers and Staff Engineers at Client.

## The consulting services to be conducted includes:

- ✓ Comprehensive audit of the business services and API(s) to be handled by Node.js
- ✓ Evaluation of the planned architecture of Node.js API and services
- ✓ Audit and recommendations of Node.js frameworks, plugins and modules
- ✓ Best practices in automated and manual API documentation and integration assistance
- ✓ Node.js security best practices (per framework, module and compliance rules)
- ✓ Cloud and infrastructure audit and evaluation with recommendations on designing a highly available, fault tolerant, and elastic Node.js architecture
- ✓ Logging, process monitoring and debugging/troubleshooting best practices and patterns

## Deep Technical Review:

In-person meetings and discussions will be held over two (2) consecutive days, to evaluate the existing and planned components of the next generation architecture for Client including, but not limited to, system workflows, infrastructure targets, deployment processes, and overall architecture. Meetings and discussions are expected to be a thorough and comprehensive investigation of all of the influential aspects for the project including acceptable business tradeoffs, timeline targets, and projected budget constraints and targets. The meetings and discussions will allow NodeSource to formulate a set of recommendations for a high-performance, highly scalable, and elastic platform for continued growth and development.

*NodeSource will make recommendations and outline a path to success for issues mentioned above as a leave-behind deliverable.*

*Note: This evaluation may require access to code, databases, servers, cloud providers, etc.*

**Evaluation/Recommendation/Presentation:**

A presentation of suggestions and recommendations and an explanation of recommended pathways to execute against will be conducted by NodeSource for Client. The presentation will allow for questions and will also provide a summary document as a deliverable. This will be held no sooner than two (2) full business days aer the completion of the deep technical review eort. NodeSource will work with Client prior to its consulting engagement, outlined below, to generate a proper agenda for the five (5) days of consulting work.

NodeSource's consulting services will occur over five (5) contiguous business days.

**Day One**

On-site discovery and information gathering

**Day Two**

On-site discovery and information gathering

**Day Three**

Off-site evaluation and reflection

**Day Four**

Off-site preparation of recommendation set and presentation

**Day Five**

On-site presentation of recommendation set; Q&A session