

# Case Study

## National Geospatial-Intelligence Agency

### Agile Web Presence

### The Challenge

NGA needed a user-centric, web based experience for its customers to find mission-critical geospatial intelligence information from the agency's millions of geospatial products and services across multiple security domains. The solution had to provide a single enterprise search capability and a way for users to go quickly from identifying useful metadata about products to the products themselves.

### The Solution

Using Scaled Agile Framework® (SAFe®), DevSecOps based delivery best practices, and an AWS GovCloud hosted pipeline, Octo built a robust web-based solution for displaying NGA's latest and most relevant geospatial content across three security domains. We built a fast user interface for searching NGA's product, service, tool, and support catalogs to identify what NGA has to offer.

### The Benefits

Octo enabled enterprise mapping and visualization, enterprise search and retrieval, identity management, and intelligence product file retrieval for NGA. Octo's efforts have made NGA's multiple web experiences more resilient, more secure, and faster to load for all NGA and external customers. These web experiences provide more customized, personalized, and customer relevant content than ever before.

### The Results

- With Octo's support, the Agile Web Presence program became one of the first NGA programs of record to receive ICD 503 compliance while adhering to and maintaining DoD RMF requirements.
- Octo's SAFe methodology has accelerated new product and feature development at NGA, vastly improving the user experience and reducing user time spent seeking geospatial data.
- Octo's contract with NGA is based on a "fixed price per sprint" model. Octo and the Federal Government's success implementing this model and other customer-centric process improvements yielded the program the 2017 USD AT&L David Packard Award for Acquisition Excellence for demonstrating the ability to exceed NGA's transformation goals at a nearly 40% cost savings from previous vendors.
- Octo has consistently exceeded the contractual requirement of error-free code and delivered code that is 98% deployable.