

Data and Information Management

Integrated Systems Solutions (ISS) supports the federal data enterprise for agencies with big data, and large-scale data stewardship missions, federated operations, and complex stakeholder groups. We provide advanced data and analytic consulting and implementation support for end-to-end operations for all aspects of our customer's data infrastructure and mission data needs. We implement solutions for getting more value out of your existing data and readying operations by solving problems and removing barriers as they emerge.

Data-Business Framework

ISS employs our proprietary *Data and Information Management Framework* for all federal engagements to support program-specific or enterprise data and data infrastructure needs. Our framework integrates industry best practices; customer standards, goals, and conditions on the ground to enable reusable capabilities, tools, and automation.

Data and Information Standards

We specialize in implementing and managing standards for unique data with complex stakeholder groups and engagements. On behalf of the U.S. Integrated Ocean Observing System Office we helped establish standards and oversee implementation of both research science and telemetric data coming from 11 Regional Associations.

Advanced Analytics

ISS provides predictive modeling, machine learning, deep learning, business process automation and other statistical methods to analyze business information from a variety of data sources. We use data visualization and other advanced methods to generate actionable insight from information located in disparate datasets across the enterprise.

Artificial Intelligence

At ISS we specialize in helping agencies ready their business process and data operations for making use of emerging capabilities and new ways of doing business, such as artificial intelligence and advanced automation. Whether starting with a single project, a global initiative, or transforming the enterprise our approach helps identify, track, and continuously improve all elements of your data infrastructure to ensure optimal return from your mission data.

Customers

- ✓ National Environmental Satellite Data and Information Systems Technology, Planning and Integration for Observation
- ✓ U.S. Integrated Ocean Observing System
- ✓ NOAA Office of Performance, Risk, and Social Science
- ✓ National Ocean Service



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