



# Software & Application Development

## CAPABILITY OVERVIEW

From requirements elicitation to deployment and configuration management, ASRC Federal provides full software lifecycle support. Whether you need administration or custom configuration of a SaaS platform like Salesforce, Pega or ArcGIS, a custom application built from scratch or a microservice to enhance your existing tool suite, ASRC Federal can support your needs. Using cutting edge software and frameworks like .NET, Java Spring, Python, React and Angular combined with container and orchestration frameworks like Docker, Podman and Kubernetes, we'll build secure, scalable and creditable software that supports your program.

Our Agile development experts and CMMI Level 5-certified software engineers and developers take a flexible DevSecOps approach to application development that incorporates program and application specific security requirements, automated continuous integration and delivery to ensure that operators have the capabilities they need.

## PROGRAM SPOTLIGHT

*ASRC Federal's FMS Team Creates Custom Financial Data Management Solution for NESDIS*

When the National Environmental Satellite, Data and Information Service (NESDIS) needed more detailed program financial data, ASRC Federal engineered, developed and deployed a cloud-scale portfolio financial data management solution (FMDS) using Docker containers on Amazon Web Services. FMDS uses a Lambda-based micro services architecture to implement applications on top of existing enterprise systems without disruption, while Docker and AWS allow the system to scale based on NESDIS' needs.

## AREAS OF EXPERIENCE

### Requirements Analysis, Verification and Development

Clear requirements that are agreed to by customers and developers make it easier to develop, test and deliver software that meets operator needs. Our Agile development experts will help your program ensure that requirements make sense for your program and for development teams through iterative planning sessions, backlog refinement and customer interviews.

### Specialty Engineering

When you have multiple vendors, systems and tools, you need them to work together. Our specialty engineering program can help by providing modeling/simulation, data analytics, cybersecurity and ongoing maintenance/sustainment of third-party products.

### System Administration and Security

Maintaining your mission information and security is our priority. All of our applications are developed to FISMA or other applicable standards, and our information systems risk management process ensures compliance with your authorization rules.

### Data Science Systems and Processing

We provide cutting edge engineering, development and analytical systems to decision-makers. Our solutions for data exploitation can compress decision-making chains, reduce sustainment costs and provide timely and authoritative decision support.

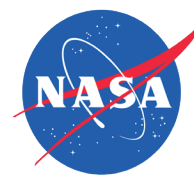
### 508 Compliance

Accessibility isn't just a good idea; it's the law. Our DHS-certified Trusted Testers and developers build accessibility testing into the development pipeline and ensure your information and information systems are Section 508 compliant.

### Platform Development

SaaS platforms like Salesforce, Pega and ArcGIS offer powerful capabilities, but require application-specific configuration and administration. Our developers can ensure you're getting the most out of your SaaS products by tailoring them to your requirements.

## KEY CUSTOMERS



## CONTACT

**Kim Davis**  
Senior Director of Software, Applications & Analytics  
KDavis@asrcfederal.com  
(856) 812-3309

## ABOUT US

ASRC Federal's family of companies deliver successful mission outcomes and elevated performance for federal civilian, defense and intelligence agencies while building an enduring enterprise focused on customers, employees, and shareholders.

ASRC Federal offers broad and highly technical expertise in digital operations and IT modernization, software, applications and analytics, engineering solutions, professional services, and infrastructure operations.

As a wholly owned subsidiary of Arctic Slope Regional Corporation, an Alaska Native Corporation, we are inspired by the Iñupiat culture. We embrace **stewardship** and the idea of using every resource effectively; **teamwork** when striving to achieve goals and building a collaborative environment; **integrity** in adhering to high moral principles and professional standards; **high performance** in striving to deliver superior business results and exceptional customer value; and **citizenship** by taking care of our employees, shareholders, and the communities where we work and live.

## MARKETS WE SERVE



Space



Defense & Intel



Civilian



National Security



Health

## HOW TO GET TO US / CONTRACT VEHICLES

- + Our companies' portfolio of GSA schedules, GWACS and agency-specific contract vehicles enables our customers to procure professional services and technology solutions tailored to their requirements, using a streamlined acquisition approach. Our experienced GWAC Program Management Office (PMO) provides collaborative support and leadership throughout the contract lifecycle.
- + To view our full list of contract vehicles, please visit: [www.asrcfederal.com/contract-vehicles](http://www.asrcfederal.com/contract-vehicles)