



## ECS DATA & AI

Manage the Unmanageable  
with AI-Fueled Data Insights

ECS is the single largest provider of AI/ML solutions to the DoD. We partner with defense and intelligence organizations, as well as best-in-class technology providers, to produce deployable, breakthrough AI capabilities that accelerate the achievement of critical mission objectives. As an Agile AI integrator, ECS has forged hundreds of AI/ML models deployed to CONUS and OCONUS locations. Our multi-domain solutions produce fieldable AI for cyberspace, unmanned vehicles, high altitude imagery, airborne sensor data, sub-sea sonar data, littoral data, land data, and other domains. The result: an increasingly effective decision-making capability that adapts to the pace of dynamic battlefield conditions.

### OUR AUTOMATED DEVELOPMENT PROCESS

ECS' automated AI development process reduces a train-test-improve cycle time of days or weeks to a matter of minutes. We provide developers with a suite of automatic processing pipelines and tools, helping them produce competitive, deployable AI with unparalleled speed. Let us accelerate your organization's path to trustworthy, reliable AI for virtually any application, including those deployed in secure and classified environments.

Find out more at [ECStech.com](https://www.ecstech.com)

## OUR EXPERTISE IN ACTION

✓ **Industry Leader.** #1 contractor supporting the Government's AI missions.

✓ **Fielded more than 350 algorithms** to operational platforms globally.

✓ **Prime AI integrator** with The National Geospatial-Intelligence Agency (NGA) and Under Secretary of Defense Intelligence and Security (USD(I&S)).



### AI DATA MANAGEMENT

Our 200+ data professionals, 60+ AI/ML engineers, and data scientists eliminate the burden of collecting, processing, and analyzing data. Enterprise user management makes data available on a need-to-know basis with appropriate controls.



### DISTRIBUTED DATA ARCHITECTURE

Our data mesh approach to data management gives ownership of data to its producers, avoiding bottlenecks and reducing replication delays and schema issues. Embraced by the U.S. Army in the October 2022 Army Data Plan.



### AI DEVELOPMENT

We empower data producers to publish their own data products, leading to more agile data management and faster AI evolution at the local level. We also maintain a central data catalogue and federated policy management, ensuring better quality data for AI development while still adhering to strict security standards.



### DATA PIPELINE MANAGEMENT

We manage many structured and unstructured data pipelines across multiple domains, getting the right data where it needs to be, on time. We acquire and manage training data to ensure optimal algorithm performance and build data pipelines to ensure all algorithms are functional and matched to the right task – regardless of provider.



### GLOBAL AI FIELD SERVICE OPERATIONS

Our deployable CONUS and OCONUS engineers embed within customer sites to ensure solution adoption, gather valuable feedback, and assist in integrating AI seamlessly into existing workflows. Improved metrics inform key intelligence questions and improve clarity, efficiency, and precision from the field all the way to the Presidential briefing.

**Interested in learning more about  
ECS' Data & AI solutions?**

Reach out and talk to an expert at  
**[aicoe@ecstech.com](mailto:aicoe@ecstech.com)**.

ECS is a leading information technology provider delivering solutions in cloud, cybersecurity, software development, IT modernization, and science and engineering. The company's highly skilled teams approach and solve critical, complex challenges for customers across the U.S. public sector, defense, and commercial industries. ECS maintains partnerships with leading AI/ML, cloud, and cybersecurity technology providers and holds specialized certifications in their technologies.

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