

# National Technical Information Service

## Providing Cutting-Edge Data Science Services to Agencies through Joint Venture Partnerships with Industry, Academia, and Non-Profits

The Department of Commerce’s National Technical Information Service (NTIS) accelerates results across the Federal Government by leveraging data as a strategic asset to achieve mission outcomes. As a trusted Fed-to-Fed advisor, NTIS applies its unique joint venture partnership (JVP) authority\* leveraging leading, innovative companies to help federal agencies solve their complex data challenges. Our efforts promote operational excellence through applied data science innovation in areas such as artificial intelligence, machine learning, and predictive analytics.



Available to all Federal Agencies seeking an agile capacity to scale to meet critical mission data priorities.



Together with our joint venture partner ecosystem we can bring in the nation’s top private sector companies, academic institutions, and non-profits.



Our unique joint venture authority allows NTIS to move quickly, bringing in our partners at the velocity of your Agency’s needs.

### How it Works

- 1 Ideate**  
Fed-to-Fed Collaboration – Discuss your strategic data-driven priorities with NTIS to develop a problem statement.
- 2 Conceptualize**  
Fed-to-Marketplace – Engage in a conversation with JVPs during a whiteboard session to expand on and launch an opportunity announcement.
- 3 Propose**  
Partner Proposal Submissions – Review proposal and presentations submitted for your opportunity announcement.
- 4 Partner**  
Partner Selection – NTIS official selects the best partner(s) on the basis of scoring and financial assessment.
- 5 Implement**  
Kickoff – Beginning project kickoff.

### Agency Requirements

- Project**  
NTIS and Agency discuss funding and resources.
- Interagency Consensus**  
NTIS and Agency enters into an interagency agreement prior to the conceptualize phase.
- Scope**  
Project must be within the scope of data science and engineering innovation.
- Alignment**  
NTIS and Agency work together to align on terms and conditions, which include intellectual property and use of data rights.
- Collaboration**  
During the merit review, Agency will work with NTIS as an evaluator and advisor.

\*Spending Authority: 15 U.S. Code 3704b

# DELIVERING OUTCOMES THAT MAKE A DIFFERENCE



## Center for Drug Evaluation and Research

*Outcome:* Improving bioresearch monitoring compliance using data analytics and automation to enhance effectiveness of drug site assessments.



## Office of Inspector General, VA

*Outcome:* Predictive Data Analytics and Modeling Program to predict potential fraud and address systemic issues across the VA ecosystem.



## Citizen Immigration Services

*Outcome:* Delivering a more efficient E-Verify system while improving quality control of data collection.



## President's Malaria Initiative

*Outcome:* Data-integration system for evidence-based decision-making to strategically use limited data resources.



## Controlled Substance Act

*Outcome:* Manage subscription services and database hosting operations to help control the abuse and misuse of controlled substances.



## Special Notice Options for the Blind and Visually Impaired

*Outcome:* Provide data accessibility services in: braille, audio CDs, text-readable versions, and large-print formats.



## DOL's Bureau of Labor and Statistics

*Outcome:* Developed a big data-integration system, integrating 15 legacy data-centric system applications.



## Technology Partnership Office

*Outcome:* Leveraging data science to connect federal research to the private sector.



## National Risk Management Center

*Outcome:* Protecting our nation's critical infrastructure through identifying, analyzing, prioritizing, and countering high-consequence digital threats.



## Transfer Technology Program

*Outcome:* Leveraging predictive modeling to make informed commercialization decisions on VA-owned technologies.



## Office of Inspector General, HHS

*Outcome:* Launching an integrated data analytics and machine learning platform to detect complex fraud patterns.



## USAJOBS.gov

*Outcome:* Improving HR and digital records with blockchain technology ensure efficient data management, exchange, and security of records.



## Joint Artificial Intelligence Center (JAIC)

*Outcome:* Accelerating the delivery, scale and synchronization of the department's artificial intelligence efforts.

## CONTACT US:

At NTIS, we recognize the myriad of data-centric challenges facing the Federal Government. Through the use of our joint venture authority, NTIS can help design and deliver better data outcomes that move your agency's mission forward. To learn more contact Elizabeth Shaw, Associate Director, Office of Program Development at [eshaw@ntis.gov](mailto:eshaw@ntis.gov) | 703.605.6136