# TECHNOLOGY AND MISSION APPLICATION DEVELOPMENT

## **OUR WORK INCLUDES**

- Artificial Intelligence / Machine Learning (AI/ML) solutions
- Big data ingest, manipulation, visualization, and exploitation
- Geospatial interrogation
- Data fusion from disparate data sources
- Dashboard reporting
- On demand, near real time custom visualizations and reporting
- Graph database design and implementation
- Custom HR and mission system solutions
- HUMINT supplementation
- SIGINT exploitation
- Defense, Intelligence and Civilian Agency enterprise solutions
- TS/SCI cleared personnel

### **COMPLEX MISSION SOLUTIONS AT YOUR FINGERTIPS**

Culmen International works with clients across the Federal, Defense, and Commercial space to develop customizable data management solutions for their complex missions. Through engagement with expert data analysts and implementation of industry- and government-wide best practices, Culmen provides flexible and cost-effective solutions that support and enable organizational success. Culmen's solutions and products have been successfully deployed in a wide range of diverse data environments, including counter-terrorism, cyber security, homeland defense, insurance fraud, law enforcement, financial crimes analysis, insider threat, and disease spread.

Centrifuge Analytics<sup>™</sup> is a big data discovery technology that provides the power and flexibility to connect, visualize and collaborate without complex data integration, costly services or advanced training or experience in data science. It combines sophisticated link-analysis, interactive visualizations, and discovery features to dramatically simplify data pattern and connection recognition.



US Cities: Alexandria, Albuquerque, Austin, Brownsville, Brunswick, Dallas Fort Worth, Des Moines, Homer, Jacksonville, Monterey, New Orleans, Newport, St. Louis, Tampa

#### **OCONUS** Cities:

Abidjan, Abuja, Accra, Amman, Antananarivo, Baku, Bishkek, Bogota, Cairo, Chisinau, Dakar, Garmisch, Guadalajara, Hanoi, Kinshasa, Kyiv, Lima, Liverpool, Lyon, Manila, Manama, Nairobi, Nursultan, Ouagadougou, Paris, Prague, Singapore, Sofia, Tallinn, Tbilisi, Tirana, and Vienna





# WHO WE ARE

Established in 2004, Culmen International provides a large portfolio of technical, management, humanitarian assistance and logistics services supporting clients worldwide with extensive experience operating a diverse team in over 140 countries on six continents.

## Capabilities

- · Agile Software Engineering
- $\cdot$  Data Analytics / Data Visualization
- Direct Care Services
- $\cdot\,$  Global Procurement and Logistics Support
- · Laboratory Operations
- · Life Science Translational Research
- Monitoring and Evaluation Services
- Program Management and Technical Support
- · Research and Development
- Specialized Language and Culture Services
- Technology and Mission Application Development
- Training and Engagement Support (Capacity Building)
- Transportation and Travel Logistics

## **Domains/Areas of Expertise**

- Border and Aviation Security
- $\cdot\,$  Counter-Terrorism and Homeland Security
- $\cdot\,$  Emergency Response and Humanitarian Assistance
- · Global Health
- International Development
- $\cdot\,$  Military and Federal Law Enforcement Operations
- Nonproliferation
- Security Cooperation and International Partner Capacity Building



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