DATA ANALYTICS /
DATA VISUALIZATION

OUR WORK INCLUDES

- Data Driven Simulations
- Advanced Predictive Analytics
- Big Data Driven Algorithms
- Multi-Source Data Fusion
- Probability Models
- Root Cause Determination
- Hidden Risk Quantification
- Uncertainty Analysis
- Resource Optimization

GAIN UNPARALLELED INSIGHTS TO HELP MAKE MORE ACCURATE PREDICTIONS

An Internet of Things (IOT) approach to data analytics has many benefits, primarily access to more data and better insights. It also has its challenges. The volume and speed at which data is generated and collected can strain even the most robust networks. When timing is critical, delays in receiving and analyzing mass amounts of data can have serious consequences. That's where the IOT comes into play.

The more you know about any one thing, event, place, or situation, the more reliably you can make predictions about what will happen in the future. Being able to analyze, compare and spot patterns quicker and more reliably than humans, allows relationship to begin to emerge that were previously hidden, giving us insights into how we can initiate change.

Novel sources of data are constantly emerging that challenge our abilities to find, ingest and make sense of it. What will data from autonomous vehicles mean for business, transportation, logistics and security?

Culmen International's IoT capability allows for capturing and analyzing large amounts of data. Our algorithms, sort through all the data filtering it down to actionable information.

CULMEN
INTERNATIONAL, LLC

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
- Data Analytics / Data Visualization
- Direct Care Services
- 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
- Counter-Terrorism and Homeland Security
- Emergency Response and Humanitarian Assistance
- Global Health
- International Development
- Military and Federal Law Enforcement Operations
- Nonproliferation
- Security Cooperation and International Partner Capacity Building