DECISIVE ANALYTICS

Corporate Capabilities

Solving complex problems… in a manner judged to be truly superior

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Who We Are

- **DECISIVE ANALYTICS Corporation was founded in 1996**
  - Engineering & Technology focused products and services

- **100% Employee Owned**
  - Delaware "C" Corporation
  - Highly educated workforce (approx. 70% advanced degrees)
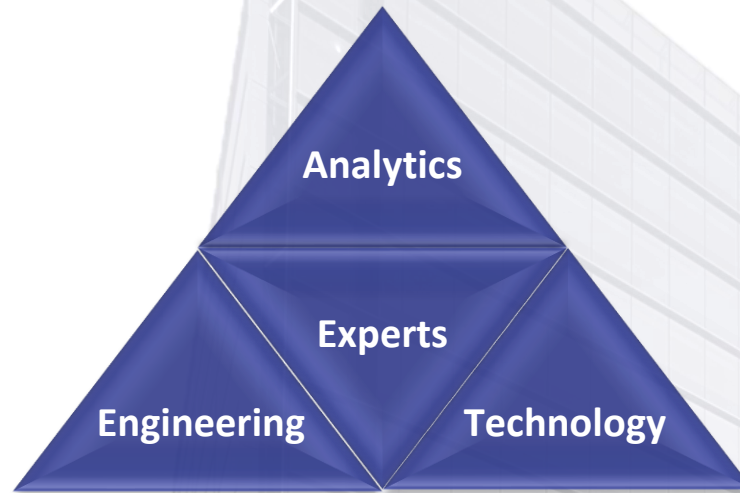
- **Award Winning**
  - Washington Business Journal's "Best Places to Work"
  - Washingtonian's "Great Places to Work"
  - The Washington Post's "Top Workplaces"
  - 'Omni500' Top Business (Previous known as Diversity Business)
  - The Chamber of Commerce of Huntsville/Madison County "Best Places to Work"
  - Deloitte's 50 fastest growing tech companies in VA & 500 fastest growing firms in North America
  - Analyst One "Top Technologies for Big Data"
  - Tibbetts Award for Small Business Innovative Research excellence
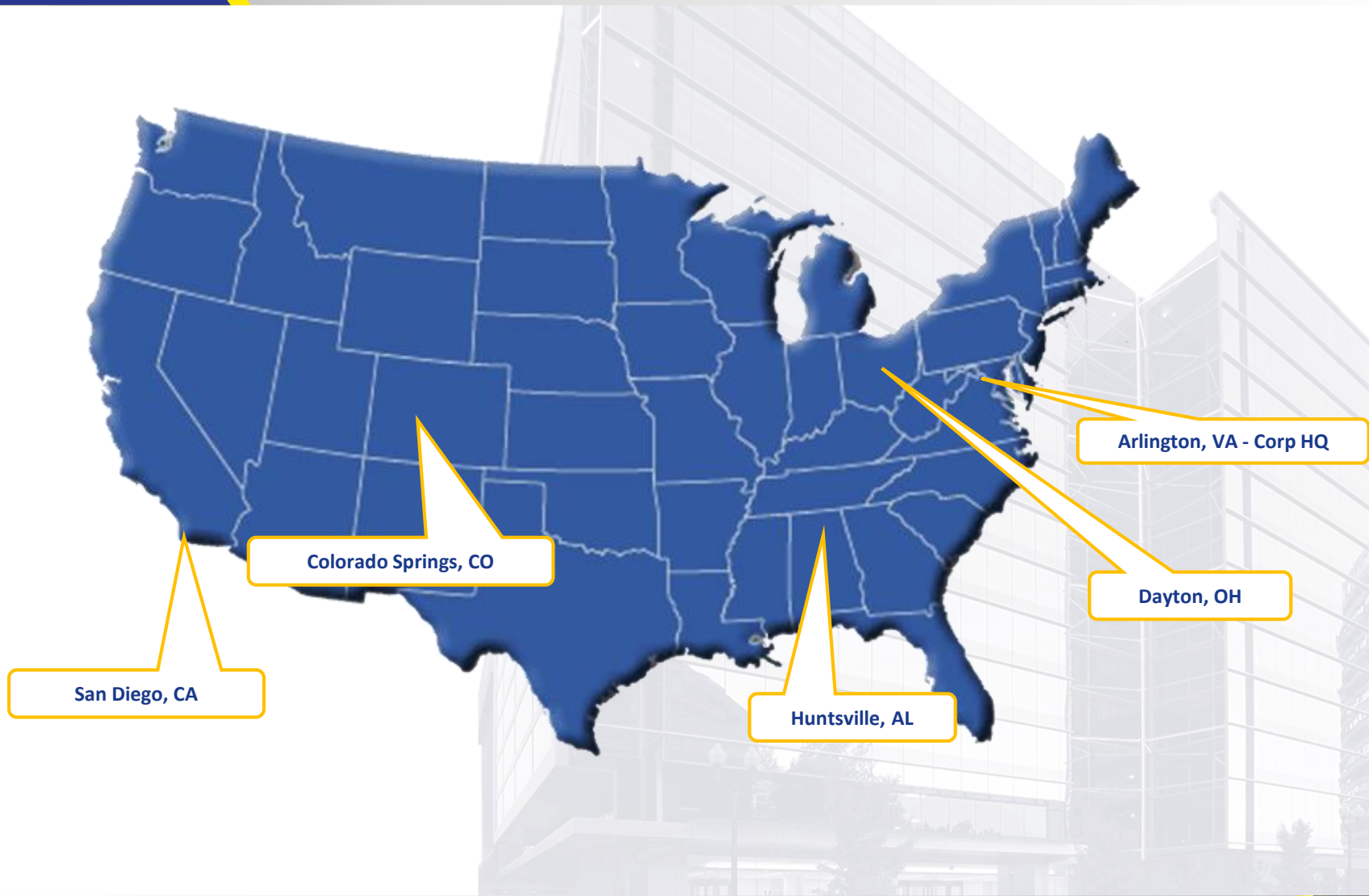 - Extremely high Glassdoor rating

What We Do

DECISIVE ANALYTICS Corporation provides advanced engineering, cutting edge analytics, and research for technological breakthroughs to solve complex problems.

Our core ideology is to bring together highly talented individuals to form an organization that provides superior, innovative contributions to all our endeavors.

We deliver our industry-leading products and services to the DoD, other government agencies, and commercial businesses.

Our Locations

Arlington, VA - Corp HQ

Colorado Springs, CO

Dayton, OH

San Diego, CA

Huntsville, AL

Our Customers

- Office of the Under Secretary of Defense Acquisition, Technology and Logistics
- Missile Defense Agency
- US Army Space and Missile Defense Command / Army Forces Strategic Command
- Space and Missile Defense Command
- Federal Bureau of Investigation
- Office of the Assistant Secretary of the Air Force for Acquisition
- Defense Intelligence Agency / Missile and Space Intelligence Center
- Office of Naval Intelligence
- Marine Corps Intelligence and Cyber Operations

- Navy Space and Naval Warfare Systems Command
- Army Aviation and Missile Research, Development and Engineering Center
- Air Force Life Cycle Management Center Special Program Office
- Office of Naval Research
- Air Force Research Laboratory
- Army Research Laboratory
- Defense Advanced Research Projects Agency
- Air Force Materiel Command
- Department of Homeland Security
- Fortune 500 Companies
- International Corporations

Engineering Services
Enterprise Systems Engineering

We execute complex systems engineering activities for our nation's most challenging national security programs.

- ➤ Defense Acquisition Board (DAB) Support & SE Documentation Review
- ➤ DoD SE Policy & Guidance & Regulatory Documentation
- ➤ Requirements Planning & JROC Activities
- ➤ Development Planning
- ➤ Acquisition Metrics Development & Tracking
- ➤ Risk Management
- ➤ Specialty Engineering – e.g. Software Engineering
- ➤ Independent Technical Assessments
- ➤ Program Protection
- ➤ Workforce Education & Training

Engineering Services
Enterprise Life Cycle Logistics

We provide logistics oversight to significantly improve the warfighters' ability to operate and maintain critical weapons and business systems.

- ➤ DoD Logistics / Materiel Readiness Policy Development
- ➤ Life Cycle Strategy Support to Major Defense Acquisition Programs & Major Automated Information Systems
- ➤ Acquisition Logistics Reporting & Monitoring
- ➤ Industrial Integration
- ➤ Corrosion Protection & Prevention
- ➤ Program Logistical Assistance / Analysis
- ➤ Workforce Education & Training Support

Engineering Services
Program Acquisition Management

DECISIVE ANALYTICS

We provide technical support and systems management to the development and acquisition of programs for DoD, other government agencies, and commercial activities.

- ➢ Mission Analysis / Requirements Development
- ➢ Architecture Design
- ➢ Concept Development / Trades / Analysis of Alternatives
- ➢ Modeling and Simulation
- ➢ Systems Engineering & Documentation
- ➢ Life-Cycle Development
- ➢ Cost Estimation
- ➢ Test and Evaluation
- ➢ Program Assessment (Earned Value Management)
- ➢ Budget Development and Execution
- ➢ Cost and Schedule Risk Technical Analysis
- ➢ Strategic Planning and Communication
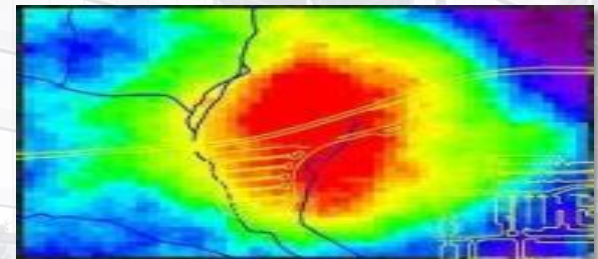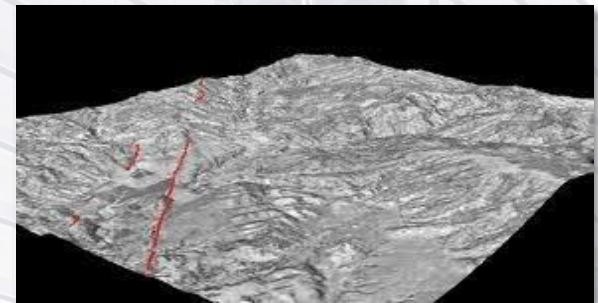- ➢ Business Process Reengineering

Engineering Services
GEOINT Analysis and Production

We help our clients develop and implement effective geospatial intelligence solutions for today's knowledge-based environment. We apply proven techniques and technologies that help clients observe, analyze, and interpret multi-source data and derive actionable intelligence on target capabilities and intentions.

- All-Source GEOINT Analysis & Production
- Collection & Requirements Management
- Real World Experimentation
- GEOINT Operational Planning for Warfighters

Engineering Services
Cybersecurity

Our cybersecurity capability penetrates all other technical areas of our work. Our offerings are designed to ensure that our clients' most pressing cyber issues are quickly and comprehensively addressed.

- ➢ Risk Management Framework
- ➢ Categorize & Authorize Information Systems
- ➢ Select, Implement, Assess, & Monitor Security Controls
- ➢ Assessment & Data Collection
- ➢ Strategy & Policy
- ➢ Risk Analysis
- ➢ Organizational Assessment
- ➢ Cybersecurity Engineering

We Set the Standard for a Consistently High Performing Team.
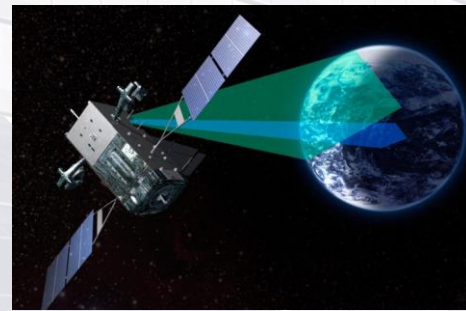*Our Strategy is Focused on Being the Very Best at What We Do.*

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Engineering Services
Missile Defense & Space

From our corporate inception, we have delivered superior technical support to missile defense and their interface with space systems. We provide innovative solutions that analyze the performance of evolving architecture builds and systems as well as emerging threats while solving challenges for detection, warning, and defense.

- ➢ Sensor Architectures and Fusion
- ➢ Sensor Program Acquisition
- ➢ Digital Radar Technology
- ➢ Seeker Technology
- ➢ Program Engineering and Integration
- ➢ Battle Management Command and Control

Engineering Services
Media Integration

We support command and operations centers helping customers keep pace with the technologies.

➢ Design & deployment of large integrated video and audio systems

➢ Engineered solutions to enhance operational workflows

➢ Unified communication systems for cost effective integration

➢ Real-time enterprise communication services with mobility features and data sharing

Media Integrator for C2 Architecture Requirements, Design & Installation for a Variety of Government & Commercial Clients

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Engineering Services
International Support

We support the U.S. Federal Government, domestic, and multi-national companies with management, execution, and expansion of defense-related business. Through global partnerships, we provide rigorous analysis of the complex, political, social, economic, technological, and security factors that affect defense industrial cooperation enterprises.

- ➢ Defense Industrial Cooperation
- ➢ International Programs Support
- ➢ International Business Consulting
- ➢ Export Control and Compliance
- ➢ Defense and National Security Analysis

Innovative Analytics
Target Discrimination and Data Fusion

We provide research and develop cutting-edge tools and processes which allow our clients to maintain state-of-the-art insights and proof of principle for advanced ground-breaking solutions.

- Real-Time Discrimination and Tracking Algorithms
- Battlespace Awareness
- Tactical and Strategic Intelligence Surveillance and Reconnaissance (ISR) Systems
- Mission Data Processing, Exploitation, and Dissemination

Innovative Analytics
Decision Support

We advance the current state of technology by providing decision makers in the DoD and commercial entities methodologies for making informed decisions readily available for mission critical decisions.

- ➢ Maritime Domain Awareness

- ➢ Space Situational Awareness

- ➢ Asset Management Course of Action

- ➢ Large Scale Auctions

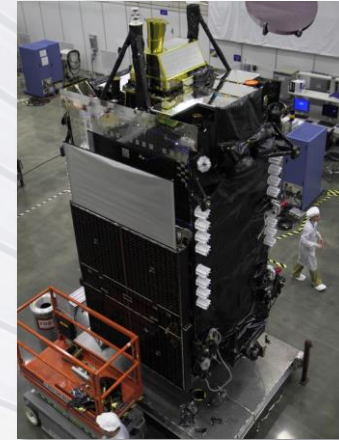- ➢ Optimized Fleet Scheduling for Logistics

Innovative Analytics
Planning and Mission Design

We support space exploration through both manned and unmanned vehicle path planning, guidance, navigation, and nonlinear systems analysis. Our products and services support preliminary design in complex and sensitive orbital regimes, flight guidance algorithms, and nonlinear estimation for vehicle navigation applications.

> ➢ Mission Design

> ➢ Autonomous Systems

> ➢ Orbital Analysis

> ➢ Battle Management and Weapons Allocation

> ➢ Dispatch Optimization

Advanced Technology
Machine Learning

DECISIVE ANALYTICS

We are a recognized leader in the machine learning community for our development of advanced techniques and applied solutions to make sense out of the mountain of data at scale and on time to meet client requirements.

➢ Data Wrangling - Ingest of data that is ugly, clean, and every format in between. We get data into a format that can be utilized by machine learning

➢ Natural Language Processing - Insight into text through topic modeling, relationship extraction, entity resolution, semantic search, & event detection

➢ Imagery & Video Analytics - Turn streaming imagery & video into actionable information through the identification of objects, actions, and events

➢ Machine Learning Visualization - Interactive explanations of results from (sometimes) complex machine learning models & techniques
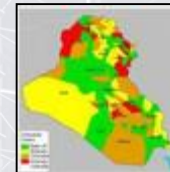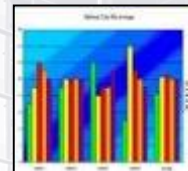
Chat

Blogs

Email

News

Geospatial Data

Websites

Structured Data

Reports

Imagery

Video

Recipient of over $60M in DoD R&D Funds to Support Real World Intelligence Missions Which is Being Translated to Commercial Markets

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