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#### **Our Mission**

To help clients improve operations through quantitative decision making.

#### **Certifications / Designations**

- 8(a) (through 2018)
- SDB
- WOSB
- EDWOSB
- Top Secret Clearance
- SAS Alliance Partner

#### **NAICS**

- 541512
- 541611
- 541612
- 541614
- 541618
- 541690
- 541712
- 541990

**CAGE Code**  
4HJC1

**DUNS**  
616068362

# Delta Decisions of DC, LLC

*"Harness the Power of Data-Driven Decisions"*

Delta Decisions of DC solves your problems with

## Analytics

**Delta Decisions is an Operations Research (O.R.) consulting firm.** We use Analytics to make decisions. *We collect, study, manage and analyze data; then translate it into useful information that clients can use to make decisions.* Using quantitative decision-making techniques allows you to gain better insight and control of your most challenging problems. We have helped clients:

- **Plan smarter**
- **Understand data**
- **Cut costs**
- **Evaluate options**
- **Optimize processes**
- **Find efficiencies**
- **Mitigate risk**
- **Boost performance**

We have extensive experience helping clients achieve their objectives and mission critical agendas, using our core capabilities of analytics, modeling and simulation, analytical business process reengineering, strategic planning, and performance metrics.

### **Case Study - Court Services and Offender Supervision Agency**

#### Objective

As the prime contractor on this effort, CSOSA tasked Delta Decisions to:

- Define their institutional business practices
- Make recommendations for improving their understanding of the behavioral options most likely for high risk offenders
- Assessing the potential outcomes of new sanctions guidelines
- Examining the use and effectiveness of incentives among offenders

#### Results

Delta Decisions presented the results from the advanced analytics study in a final report, which summarized data, trends in recidivism over time, and statistical analyses focusing on the business practices.

Additionally, Delta Decisions made policy recommendations based on the results from the analytical portion of this contract, including suggestions for developing a routine monitoring system for the new sanction guidelines and incentives.

*View more case studies at [www.deltadecisionsdc.com](http://www.deltadecisionsdc.com)*



## Contract Vehicles

All Federal Agencies  
SBA 8(a) Business Development Program (through 2018)

Federal Aviation Administration  
eFAST  
DTFAWA10A-00119

U.S. Army & other Federal Agencies  
Human Resource Studies and Analysis  
ASM-09-SA-024

Court Services and Offender Supervision Agency  
Analytical Support Services Blanket Purchase Agreement  
CSOSA-08-BP-1014

U.S. Navy  
Seaport  
N00178-08-D-5370

U.S. Dept. of Agriculture  
Management Support Services  
AG-3A75-C-010-0005

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## *We help our clients understand tomorrow today.*

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Founded in 2006, Delta Decisions of DC believes that business decisions are only as good as the data used to make them. Our consultants leverage analytics and data collection expertise to help our clients understand the data they have and develop a plan to generate the results they want.

We work with organizations to understand the data they have and assist business leaders to develop processes and procedures to collect and analyze data in real time.

Our core competencies include:

**Analytics** - Apply various statistical and mathematical methods to data to identify trends, compare alternatives and make sound and justifiable predictions of future outcomes.

**Modeling and Simulation** - Model and simulate business processes to identify the best allocation of resources, evaluate current and proposed scenarios, and rank solutions.

**Strategic Planning** - Facilitate the process of defining an organization's strategy and outlining objectives and initiatives to assist management with making critical decisions on allocating precious resources.

**Performance Metrics** - Create quantitative methods to measure the progress, savings, and/or impact of existing or proposed programs.

**Analytical Business Process Reengineering** - Assess operations to identify current workflow inefficiencies, develop more effective alternatives, and implement optimized solutions.

**If one or more of the following signs\* applies to your organization, Delta Decisions can offer insight to increase your Business Intelligence (BI).**

**1. You face complex decisions.** Are you faced with more decision factors than you can get your arms around? We analyze complex situations and build intelligence into key systems, revealing the best options. Talk with a Delta Decisions O.R. consultant to confirm that taking an O.R. approach will pay dividends.

**2. You are having problems with processes.** Many small, day-to-day decisions are not being made well, and it's having an impact on your bottom line. Delta Decisions can help improve these processes and their outcomes dramatically.

**3. Your organization is not making the most of its data.** Delta Decisions specializes in working with data—extracting the most valuable information from what's currently collected, and showing what additional data you could collect to increase the value even further.

*\*Adapted from Operations Research: The Science of Better*