



ORGANON
ADVISORS

Organon Advisors, Inc.

Applications. Analytics. Assurance.



202.905.6613



jdaniel@organonadvisors.com



5000 College Ave., #2122
College Park, MD 20740



[LinkedIn.com/OrganonAdvisors](https://www.linkedin.com/company/organonadvisors)

Table of Contents

Our Capabilities and Past Performance

Executive Summary

Our experience with Federal collaboration, communication, and Line Of Business applications.

Business Centric

Mapping Business Need to Domain Expertise

Technology Skills

Enterprise Grade, Configuration Certified, Secure Application Foundations

Roadmap & Planning

Modeling Project Costing and Pipeline

Managing Delivery

Software Development Life Cycle, Platforms, Past Performance

Executive Summary

A team with past performance in the core capabilities SharePoint demands.

Organon Advisors, Inc.

OAI is a professional services and information technology consulting firm that provides application development, data analytics, and system assurance services to clients in the federal sector. Our consultants provide clients by building and securing internet and enterprise applications for domains including logistics, facilities management, knowledge discovery, learning management, financial, accounting, human resource, inventory control, and marketing.

OAI is Prime on GSA Stars 2 FC1, CMMI Level 3 Certified, and Prime past performance in Agile development to OCONUS user communities.

EXPERTISE

Internet Applications

Building and integrating secure, 508 compliant, Microsoft & Unix based, internet & intranet, feature rich, software and SharePoint applications.

Database Management

Designing and developing globally accessible databases for numeric, text, image, social media, ordinal, interval, and nominal data types.

Analytics & Algorithms

Apply advanced methods including clustering (AHC, K-Means), classification, principal component analysis, factor analysis, discriminant analysis, and Bass diffusion.

Visualizing Data

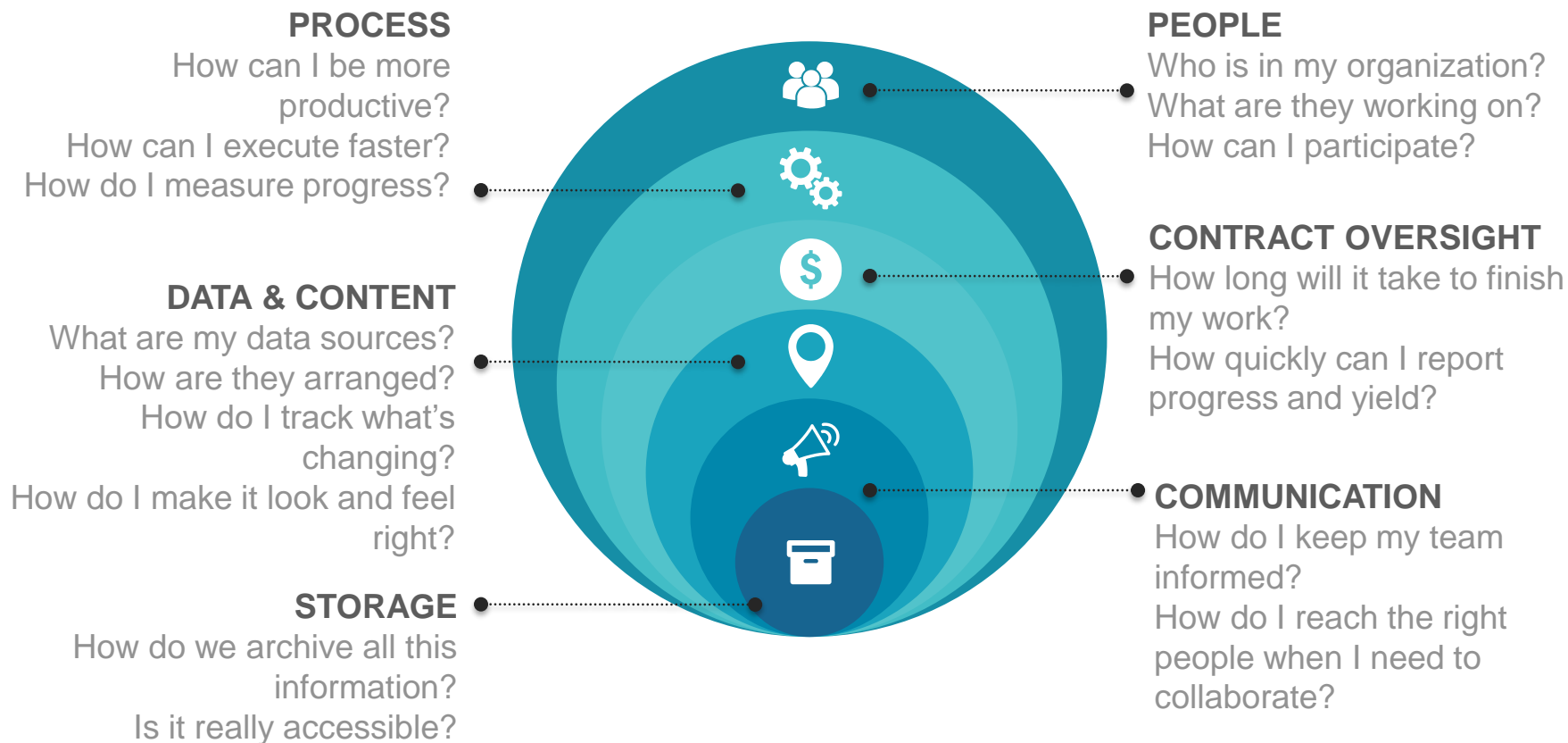
Proofs-of-concept to production systems using Microsoft Azure, Power Pivot, R, Processing, Google APIs, SAS, and both open source and BI vendor visualization suites.

Development Lifecycle

Agile, waterfall, and hybrid projects. We analyze, design, create, customize, and secure applications at every level of the enterprise.

Business Process & Data Analysis

Lessons Learned from Agile Project Efforts on Prime Contracts

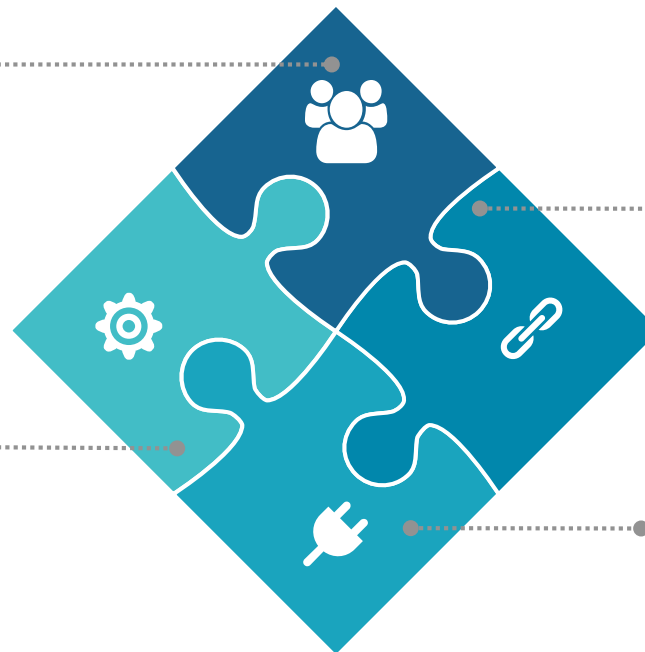


Understanding Peripheral Systems

Consuming Data through Interfaces and Replication Schemes

PERSONNEL MANAGEMENT

- Payroll & Incentives
- Courses/Training
- Surveys
- HR Awards
- Cybersecurity Awareness



NETWORK MANAGEMENT

- Contractor Database
- Device Management
- SharePoint Sites
- SDLC Environments
- Information Assurance

INVENTORY MANAGEMENT

- Workflow
- Logistics
- Supplies and Stocking
- Various Managed & Ad Hoc Reports

EXTRACT, TRANSFORM, & LOAD

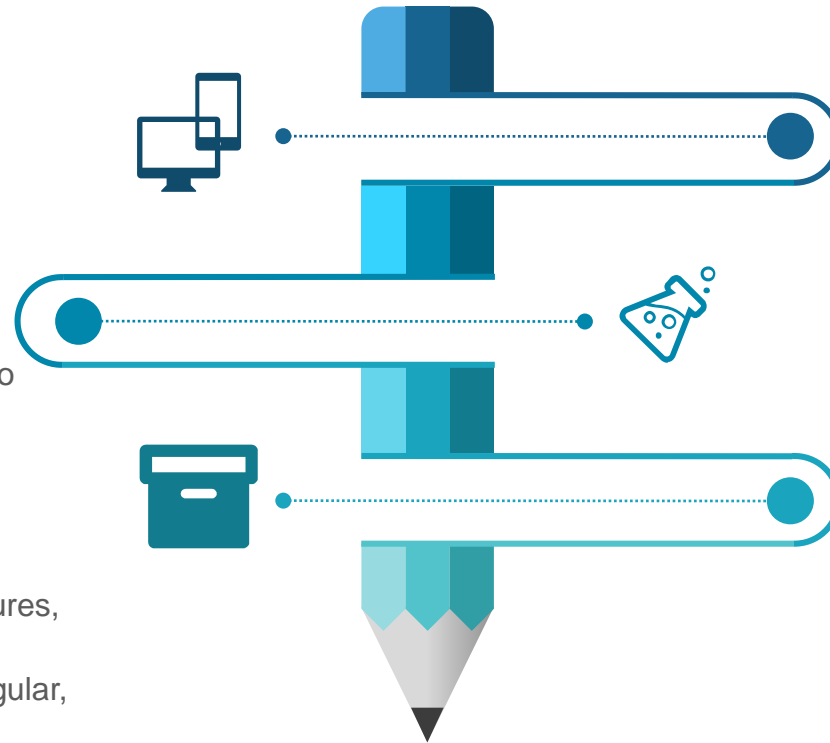
- SAP
- Data Warehouses
- Knowledge Center
- Replication Schemes
- Interagency Interfaces
- OMB 300 Reporting

Application Solutions using Common Technologies

High Value Customized Solutions on Low Cost Commodity Infrastructure

CONTINUOUS INTEGRATION

- Visual Studio
- Eclipse/Bootstrap Studio
- R Studio
- C# .NET
- PHP
- Python
- SQL for Stored Procedures, Triggers, and Cursors
- JavaScript, JQuery, Angular, Bootstrap



MODERN INTERFACES

- Dashboards & Visualizations using Power BI and Tableau
- Rich interfaces using Telerik
- Integrating advanced analytics from Google Analytics and WebTrends
- Algorithms using R & SAS

CONTINUOUS DEPLOYMENT

- SharePoint Enterprise 2010/2013
- SQLServer, MySQL
- Team Foundation Server, Git
- MEAN & LAMP Stack

Assumptions: Costing Model

Variable cost dimensions for Agile Software Development Methodology



01

SCHEDULE VARIABLES

- Sprint Development Weeks
- Expected Number of Releases in 2017
- How many weeks in the Design Phase?
- How many weeks in the Development Phase?
- How many weeks in the Deployment Phase?
 - User Acceptance Testing, Operations, Closure



02

EFFORT VARIABLES

- Effort Value
- Estimate of Developer Resources per Effort
- Estimate of Weeks per Developer
- Total Developer Weeks



03

RESOURCE VARIABLES

- Project Manager
- Scrum Master
- Business Analyst
- Technical Lead
- Developer
- Quality Assurance Specialist
- Graphics Specialist



04

PHASE VARIABLES

- **Design**
 - Analysis
 - Sprint Planning
- **Develop**
 - Development
 - Testing
 - Quality Assurance
- **Deploy**
 - User Acceptance Testing
 - Operations
 - Closure

Results: Costing Model

iMART Release Estimates by Functionality & Cost

RESOURCES

Maximizing
Multiple Production Releases

1

One Fiscal
Year

7

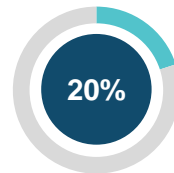
Resource
Types

10

Releases to
Production

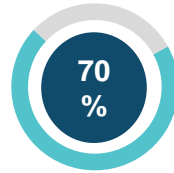
RELEASES

Estimated Costs
Per Release



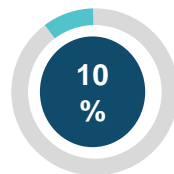
DESIGN
~ \$45,000

+



DEVELOPMENT
~ \$150,000

+



DEPLOYMENT
~ \$25,000

=

**TOTAL PER
RELEASE:** ~ \$ 225,000

TOTAL for YEAR: ~ \$ 2,500,000

FUNCTIONALITY

Increasing Operational Efficiency
And Enterprise Integration

Application

Business
Needs

Development

Demonstrable
Product

Security

Accessibility

Reporting
Channels

An Example: Project Oversight

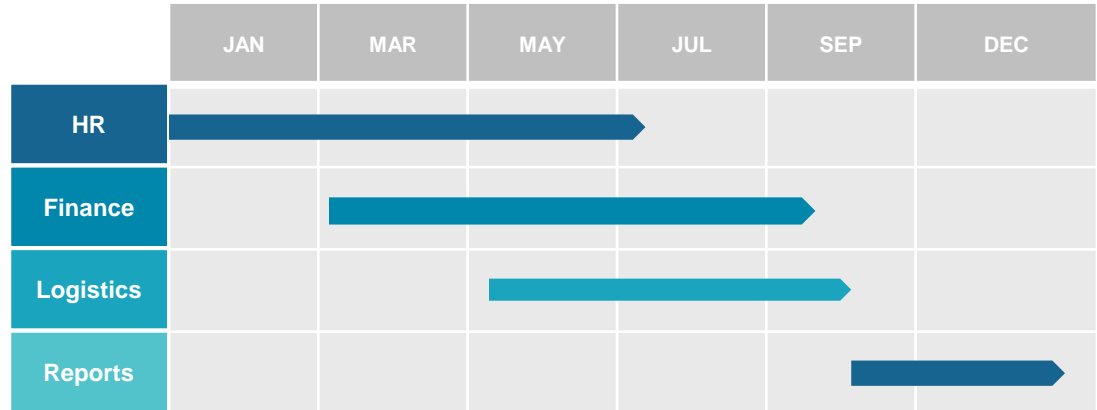
Sites, Data, and an Interactive Dashboard

ORGANIZE AND PROCESS:

Collect from static data sources like Excel, Word, Files.

Connect to dynamic data sources such as databases and applications.

Collaborate to design, develop, demonstrate, and deploy.



INFORM & IMPROVE:

Are my Users productive?

Are we assigning the right resources?

Where are my risks?

How can I improve yield?

