





CAPABILITIES STATEMENT

Enablement® SaaS is under review for **FedRAMP High (IL5)** Baseline

- * Provide support to Federal Agencies for cloud migration with our FedRAMP High Ready **Enablement®** SaaS
- * Mitigate security risk of spread of classified information even to security cleared personnel
- * Help eliminate software development costs and time

WHY WE'RE DIFFERENT

- **Capability Maturity:** CMMI III 
- **Quality:** ISO 9001:2015
- **Security:** ISO 27001:2013 
- **IT Service:** ISO 20000:2018
- **Past Performance:** D&B Open Rating 91%
- **Global:** Experience working with global partners
- **Training:** PMP, CSM, ITIL, GIAC, SCEA, CISSP



QUICK FACTS

- SBA 8(a)
- DCAA approved Accounting System
- DoT DBE, MBE Certified



PSC CODES

- D311 IT and Telecom- Data Conversion
- D302 IT Systems Development Services
- D306 IT Systems Analysis Services
- D308 Programming Services

CLIENTS



OUR SERVICES

 **Enablement®** - Builds IT Processes (No code)

- SECaaS – Secure IT Assets & expose them as Service
- Systems Integration
- Service Management - Help Desk (ITIL)
- Process Assessment - GPRA (Business Process Reengineering) FITARA compliance assistance

CONTRACT VEHICLES

 **8(a)** Set-Aside (Until April 2023)

 **Contract #47QTCB22D0684**
 Information Technology Services (C.1)
 Emerging Technology scope (C.2.1)

NAICS CODES

- 541511 Computer Programming Services (Primary)
- 541512 Computer Systems Design Services
- 541513 Computer Facilities Management Services
- 541519 Other Computer Related Services
- 511210 Software Publishers
- 541618 Other Management Consulting Services
- 541611 Administrative Management and General Management Consulting Services

CONTACT INFORMATION

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EXECUTIVE SUMMARY: Advent's Enablement® Software as a Service (SaaS) empowers non-technical users to leverage their Information Technology (IT) Assets without requiring any IT expertise. Although emerging technologies demand learning new software technologies, Enablement® ends this trend by enabling (hard to learn) IT software technologies under the hood and empowers end-users. With Enablement, users do not need to care beyond what functionality a software executable provides to leverage it. No need to learn where a software executable is deployed/hosted and how to connect to use it. Enablement® auto generates a form to allow a user to enter the required data fields for using an executable.

<https://adventbusiness.com/what-is-enablement/>

TECHNOLOGY CONCEPT: Enablement® empowers users who can describe their desired process on a whiteboard but has no coding skills in any software technology.

- √ Auto builds IT processes from Business Process Model and Notation (BPMN) diagrams.
- √ Allows using heterogeneous executables directly without converting them into API.
- √ Speed up Business Process re-engineering (BPR) by building “to be” processes.
- √ Reduces insider security risk by reducing the dissemination of classified info.
- √ Maximizes ROI on the IT assets, including legacy systems.
- √ Provides Role-based Identity Access Management (IdAM).
- √ Eliminates the need for a software development team.
- √ Provides end-to-end process monitoring capabilities.
- √ Allows setting up schedules for automated reporting.
- √ Mobile-enabled (Native Apple and Android apps).
- √ Boost GPRA, FIRATA, RMF compliance.
- √ Auto builds forms for entering the data.
- √ Support unlimited concurrent users.
- √ Secured data with encryption.

COMPANY VIABILITY: Advent is a CMMI/Dev III, ISO 9001:2015, ISO/IEC 27001:2013, ISO/IEC 20000:2011, DCAA approved, SBA certified 8(a), GSA GWAC 8(a) Stars III contract holder company. Advent has headquarters in Chicago, IL, and two branch offices in Leesburg VA, and Fremont CA. Advent is in its final year of the 8(a) program and never submitted any proposal for staffing augmentation. It’s our mission to reduce agencies’ dependency on contractors. Advent has a staff of 12 personnel and revenue under \$5 M.

ROM From \$100 to \$1000 Per Month Per User

Based on the number of processes, their complexity and size along with the type of IT Assets and cross-domain security support requirements, etc.

Schedule Within 3 weeks, we can train warfighters for building processes from exiting IT assets and remove their dependencies on the software developers. Enablement implements the IT

process in less than seconds from the BPMN diagram once executable to each task is specified for the BPMN diagram.

Installation of Enablement:

Discovery phase- Advent's during its one-time set-up, pulls all the available software assets to a web-based dashboard and allow process designers to use them based on their role and authority. Process designers can see the functionality of software executables, inputs they need, and outputs they generate to automate workflow tasks.

Enablement® provides role-based access controls out-of-box. Enablement® includes MySQL persistence along with Identity and Access Management (IdAM) which can also be integrated with agencies LDAP, Active Directory (AD), Single Sign-On (SSO), Password Manager, Security Token Services (STS), OAuth, Discretionary Access Control (DAC), Mandatory Access Control (MAC), Role-Based Access Control (RBAC), and Attribute-Based Access Control (ABAC), etc.

All IT asset - Software Executables, Physical/Virtual Machines, Platforms, Processes, API Services, Files, Databases, etc. are authorized and authenticated.

The process designers do not have to worry about deploying the software executables and do not need to worry their technology, location, connections endpoints, mapping of input/output parameters, etc. Once the software executables are referenced to workflow steps, the Enablement® implements the process in real-time and the process is ready for execution. The authorized users then can execute the process immediately, later point in time or define a schedule.

A team of Process designers can work concurrently on a process and check the outcome of each step graphically to adjust the process to get the desired outcome, add any dependencies, add user approval steps, etc. and when they are satisfied with the process, they can follow the procedure for prod deployment. The prod deployment can be done with the click of a button once it is approved.

Past Performance: For automation of acquisition review Advent has developed an acquisition dashboard for DHS-CPB with 25 BPMN processes. Leveraging Enablement, Advent implemented 4 processes from scratch within one day.

<https://adventbusiness.com/try-it-now/>

Advent's Corporate Qualifications

Dashboard Capabilities: Advent has built a Mobile App to find the required distance refueling gas for a convey and provide the exact requirement of gas with each vehicle. Similarly, Advent has built Acquisition Dashboard for DHS-CBP. Advent believes that Enablement® can provide a new or enhance the existing NGA dashboard.

Enablement® either can replace or pull the portal in its dashboard to access cross-domain data to search and analyze via line/area charts, horizontal/vertical bar charts, pie/donut charts, bubble charts, and tree charts for visualization of the databases.

Advent has a thorough understanding of federal laws, regulations, and guidance associated with the Federal Financial Management Improvement Act (FFMIA). Advent has developed Acquisition Dashboard for DHS and DISA.

Corporate Experience – DISA Mercury Spectrum, HC104719C0015 (following is an excerpt of DISA’s CPARS)

Management: Advent successfully developed and executed a phase-in transition plan despite numerous technical challenges. Tasks were successfully coordinated and executed with key personnel applied as necessary to address task objectives and issues that arose during the program transition. All while providing 100% continuity of operations. During the base year,

Advent identified and sourced key personnel as needed to develop and maintain the application, identify and address security vulnerabilities, and provide user assistance. They successfully maintained the application during the base year while exceeding the QASP requirement of 95% for continuity of operations. They identified and upgraded legacy software to the latest stable versions in order to cut operational costs and improve maintainability. Problems were identified and prioritized with corrective actions taken as needed and coordinated with the Government. No customer service complaints have been received.

Advent believes required system integration of heterogeneous technologies, automation, and integration of end-to-end processes of PCS for achieving a true digital transformation with SIEM implementation using Agile SAFe methodology while managing workforce skills gaps for numerous technologies and taunting DevSecOps automation is the key challenge. Additionally ensuring sunsetting systems should not impact the continuity of operations (COOP). As mentioned on the cover page Enablement® can be very instrumental to resolve these challenges.

Advent would ask for the typical duration of the implement a "to be" process and would like to set up a demo to demonstrate how fast Enablement® can implement the process at no upfront cost and obligation.

Other Qualification Rationale

FedRAMP Baseline High: Many vendors provide FedRAMP compliance at a Moderate level and only a handful of vendors are compliant at a High level. Advent, however, thinks it is necessary for the mission looking to the nature and severity of data and even a small vulnerability can pose a big threat to national security.

With CMMI/Dev III appraised Decision Analysis and Resolution (DAR), Advent proposes to find the best suit for the purpose hardware/software and negotiate for any support SLA & warranties for the benefit of the government.

Advent's support staff is trained for ISO 9001, ISO 20000-1, ISO 27001, CMMC Controls, ITIL compliant, and CMMI/Dev III processes for providing helpdesk services operation exceeding the SLA. For DISA and DHS Advent’s helpdesk did not miss a single ticket to comply with the SLA and resolved the issues well in advance. Proposed subcontractors and incumbent employees will be providing the required level of support as Advent would work to boost the performance from the current level provided by the incumbent.

Table 1: Enablement's Capabilities

#	Criteria	Enablement's Capabilities	
		Out-of-box	NGA Specific Configuration
1	Ease of Configuration	Process owners can set up the Schedules for the execution of a reporting process for building the reports.	Process Owner can configure the names of the stakeholders for sending reports via emails or authorize them to view reports on the Dashboard.
2	Hosting	In the NGA on-premise data center or Cloud	Based on the NGA program office's decision it can be deployed anywhere.
3	Required skills of support personnel	Novice. Software expertise of any particular platform is not required.	No development skills are required. Only configuration capabilities are required.
4	Section 508 Compliance	Mostly out of the box	Attaching a copy of VPAT submitted to another agency. We propose to update it for NGA-specific requirements.
5	Extract data easily across Reports	Allow linking attachment with records.	It can be further configured per NGA specific Case/Subject
6	Ability to interface with other systems	Supports many Databases including MSSQL, MySQL, Oracle, DB2, etc	Enablement® has the persistence of open-source MySQL. DB2 can be easily migrated with other databases.
7	Ease of workflow refinements	Provide workflow design capabilities at Runtime and requires no coding	No manual process development effort is required. On updating a BPMN diagram of a process the process is instantly updated.
8	Ease of usability by the end-users	Intuitive user interface	Easy migration to new IT Processes system
9	Search capability including attachments	Out of box	Reduce the effort to implement the document management system
10	Personnel action tracking	Complete user audit - From login to logout	Can be very useful to monitor the activities of a user when a security incident is reported.
11	Ad Hoc Reporting	Out of box	Reduces the time and effort required for the implementation of ad hoc reports
12	Role/Group based Permissions & Security	Out of box	Reduces the time and effort required for the implementation of the security model for new IT Processes
13	Web-based/ Zero-foot-print application	Completely Browser based and responsive to support tablet and iOS/Android mobiles seamlessly	Enablement® does not require any installation on a client's device.
14	Auto Population of Data	Ability to leverage data within the system to avoid duplication of effort	Enhances user experience.
15	Data field-monitoring	Out of box	Each process instance can be monitored for a given period for data provided at the field level by an authorized administrator

#	Criteria	Enablement's Capabilities	
		Out-of-box	NGA Specific Configuration
16	Customizable Dashboard	Out of box	Each user can personalize the view for the data and build a dashboard with multiple charts/graphs.
17	Ability to alert when data fields are viewed	Out of box	Can be very instrumental for identifying a potential data breach and mitigating the risk to avoid the breach
18	Mobile capabilities	Enablement® is compatible with various devices such as mobiles and tablets as well as conventional devices (Computers)	Reduces the time and effort required for the implementation of user stories related to support for computer, tablet, and mobile new IT Processes

Table 2: Enablement® Value Proposition

NGA Requirements	Enablement® Value Proposition
Support software/hardware acquisition for unlimited users.	Leveraging Enablement, Advent developed Acquisition Dashboard for DHS-CBP that has more than 150 Programs and each program has 2-3 users.
Support account management, and license management for its users.	For DISA Mercury Spectrum, Advent has supported account management, user and their roles management, and also integrated JIRA at numerous clients for various ITSM tools for scheduling automated reports and generating alerts on configurable parameters.
Experience with migration of current project configurations and data from Defense Intelligence Information Enterprise (DI2E) to the target environment.	Advent has 15 years of experience in the migration of huge projects to the cloud with cutting-edge DevSecOps expertise. Advent's CEO holds a secret level clearance since 2010 and has supported IBM for DoD cyber security projects.
Provide the FedRAMP High solution	Advent is already in process of getting FedRAMP certification for Enablement® at a High baseline and hoping to get it in the second week of June 2022.
Deploy IT Processes for NGA in a cloud-agnostic architecture	Enablement-based IT Processes for NGA can be deployed to any cloud or data center.
To the extent practicable, take advantage of existing, related tools and systems.	Advent has expertise supporting the Center of Excellence (CoE) office for the industries' best practices and their implementation.
Executing robust DevSecOps and Continuous integration/continuous delivery/deployment (CI/CD)	Advent has expertise in DevSecOps and Continuous integration/continuous delivery/deployment (CI/CD)
Utilizing a user-centric design experience	Advent has good expertise in designing. Its Enablement® solution demonstrates it.