



## Software Engineering

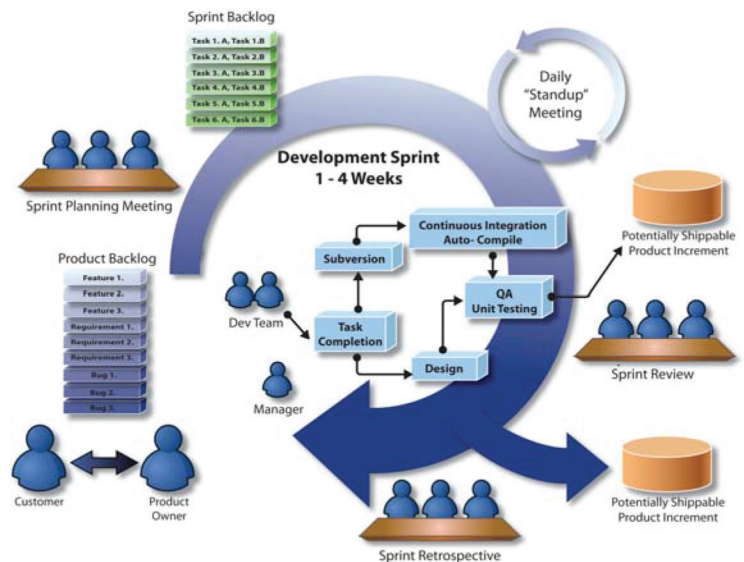
With today's ever-advancing technology, software has become a critical part of almost every product and service. Through the use of software applications, organizations serve their customers faster and operate their businesses with greater ease. Utilizing properly engineered software solutions can:

- ◆ Enhance productivity;
- ◆ Facilitate collaboration among workers;
- ◆ Improve access to critical information;
- ◆ Enhance the way information is presented and understood; and
- ◆ In general, improve overall performance.

With this emphasis on software comes an increasing need for skilled software engineering talent. Valador offers our customers more than software engineering services, we offer solutions.

We use our expertise in software engineering and our robust development environment to create innovative applications that solve issues such as:

- ◆ How do we enable users across the country to access our data?
- ◆ How do we assess our complex set of data and ensure we make the right decision?
- ◆ How do we present our complex data in a way that helps the audience easily understand it?
- ◆ How do we enable workers located around the world to collaborate on projects?
- ◆ How do we ensure our sensitive information is protected?



By using open source software and Valador-developed tools and software components, we provide custom software solutions that have proven core components, and where the only cost is for the customization.

## ***Empower Your Staff by Using Custom Valador-Engineered Software Solutions***

Valador uses state-of-the-art development tools and a development process based upon the AGILE Scrum methodology to ensure our solutions provide the functionality and performance our clients require.

Valador's software engineering can give your organization the cutting edge advantage through:

- ◆ Web-enabled solutions to improve accessibility; Information databases that collect and organize critical information;
- ◆ Multi-level security to protect access to systems and information;
- ◆ Modeling and Simulation to help assess complex data;
- ◆ Websites, Web Portals, and Dashboards to improve information presentation;
- ◆ 3-Dimensional, immersive, real-world representation of complex data to improve visualization and comprehension; and LAN, WAN, or Internet access enables work collaboration.

## **Examples of Valador's Software Engineering Solutions**

Valador Management Information System (VMIS™) — supports distributed project management by providing remote accessibility to critical project information

Valador Information Assurance Decision Support (VIADS®) — improves the productivity of security analysts and managers via enhanced information presentation;

NASA's Distributed Observer Network — enables NASA analysts at remote locations to collaborate over 3D visualization of results from multi-million-dollar simulators;

Simulation of Space Shuttle End-to-End Operations — enables NASA analysts to assess operational and cost effectiveness, and conduct "what-if" analysis of alternatives;

Web Portals and Executive Dashboards for NASA Organizations — provide a centralized location for easy access to business and engineering data.

## **Software Engineering Capabilities**

C#, C, C++, Java  
PHP, HTML, HTML5, ASP.NET, MVC, Javascript, Flash  
Windows Application, Web Application, Mobile Apps,  
Cloud-based Application  
Responsive Design, Service-Oriented Architecture  
Web Services  
Oracle, SQL Server, MySQL  
Microsoft Windows, Mac OS, Linux

## **Contract Vehicles**

GSA Alliant 2 Small Business: 47QTCH18D0146  
GSA VETS 2: 47QTCH18D0064  
GSA FSS MOBIS: GS-10F-0182N  
GSA FSS Group 70 IT: GS-35F-135AA  
FAA eFAST MOA: DTFAWA10A-00107  
SeaPort-e: N00178-10-D6379  
USDA FSIS BPA: AG-3A94-B-09-0013  
USAID: AID-OAA-C-15-00097  
VA T4 IDIQ (Subcontract)  
VA T4NG IDIQ (Subcontract)  
IRS TIPSS 4 Small Business-MBOSS (Subcontract)  
DHS EAGLE II (Subcontract)  
DISA ENCORE II (Subcontract)  
HHS COOP/DR BPA (Subcontract)  
NETCENTS - 2 (Subcontract)

## **NAICS Codes**

541511, 541512, 541513, 541519, 541712,  
611512

## **DUNS Number**

03-2042827

## **CAGE Code**

1U9D5

***Create Applications that Improve Information Accessibility, Facilitate Collaboration, and Advance Information Visualization.***



560 Herndon Parkway, Suite 300  
Herndon, Virginia 20170  
Phone: 703.435.9155  
Fax: 703.435.9655  
marketing@valador.com

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