



# Capability Statement

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## Certifications:

**SWaM** Certified (#677696) – Minority owned Small Business  
**DBE** Certified  
**eVa** Member, **CCR** Registered, **CAGE/NCAGE: 4Q959, DUNS: 790636828**  
**SBA** Certified Small Disadvantaged Business  
 State of Virginia Certified Minority Business Enterprise  
 Member of Asian Chambers of Commerce in the State of Virginia  
**MBE** certified with many regional and local government agencies in the State of Virginia  
**MBDA** (MINORITY BUSINESS DEVELOPMENT AGENCY) Member

## NAICS CODES

Digital Systems provides services within the following North American Industry Classification System (NAICS) codes:

NAICS	DESCRIPTION
541512	COMPUTER SOFTWARE CONSULTING SERVICES
541511	CUSTOM COMPUTER PROGRAMMING SERVICES
541611	GENERAL MANAGEMENT CONSULTING SERVICES
611430	PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING & QA TRAINING
541213	INCOME TAX PREPARATION SERVICES
541519	COMPUTER INSTALLATION SERVICES

## PROVEN CAPABILITIES

DIGITAL SYSTEMS, LLC has been providing its services through vendors for the last three years to number of industries ranging from heal care, bio-medicine, financial and educational. Some of the companies include:

- Med-Immune, Bethesda, MD
- Hobsons-USA, Fairfax, VA
- Aequor Technologies, New Jersey

The experts who works for Digital System have years of experience in the management level with various companies in different industries. Some of them include:

- CAP-Gemini, Los Angeles, CA

- Wells Fargo, Las Vegas, NV
- Wachovia Bank, Charlotte, NC
- Fannie Mae, Herndon, VA
- SAIC, Bethesda, MD

## What do we do?

Digital Systems has the expertise in the following area:

1. Independent Verification and Validation
2. Quality Assurance and Software Testing
3. Project Management
4. Accounting and Tax Returns

## 1. Independent Verification and Validation

**How we are different compared to other companies?**

### **IV & V and Software Quality Assurance:**

Digital Systems review and validate all the requirements and regulatory compliances and perform a complete IV & V testing. This includes: reviews of requirements, business rules, due diligence reporting, IT Process and procedures audits, project management, system analysis, design and so on. In addition, we also perform a detailed configuration testing, backend testing, and mainframe vs. web application parallel testing, data warehouse (data movement and transformation) testing, load testing and most critical, functional testing. Our independent verification and validation (IV & V) processes go beyond the verification of specification and requirements. Our team ensures that the written documents and procedures comply with the current rules and regulation of the federally-mandated CFR (20 CFR-Part 40, 21 CFR – Part-11) and so on. Our team focuses not only on the high level of accuracy in the design, construction, execution and management, but also validates the credible information that is best available to us. Within the QA set-up process, we can do the following tasks:

- QA Methodology
  - Managing Test Projects
  - Implement Automation into QA Process
  - Perform Risk Analysis into QA Process
  - Prepare Matrix in QA process
  - Hardware Verification
  - Basics of Software Testing
  - Handling Bug Management Systems
- Prepare Test Strategy
- Prepare Test Plan
- Prepare Test Cases
- Provide necessary QA templates
- Provide support on Software installation

## 2. What kind of job do we do in IV & V and Quality Assurance?

### ***Independent Testing***

Our project team integrates testing into the entire systems development processes – starting from initial requirements gathering to the delivery of the completed products. Applying quality assurance principles in the earliest phases of the project helps ensure that potential issues can be identified in the early stages when they are the most cost effective to address.

### ***Functionality Testing***

Functionality testing services include:

- Installation and configuration, Business rule verification, Writing Test Strategy, Test plan and test case development (or verification), Development of automated test scripts and automated testing, Manual test preparation and testing, Bug reporting (into your own system or web enabled bug tracking databases provided by DSL), Regression testing

### ***Load Stress Testing and Performance Scalability Testing***

Functionality testing services include:

- Traffic analysis and Performance measurements (timers, etc.), Database monitoring, Load, stress, scalability, and performance, Results analysis and recommendations.

## **3. Project Management:**

Digital Systems combined project management methodology with Agile Methodology while conducting our software assurance and testing procedures. This enables the project finish on time allows us to continuously improve in the process as we develop. We form a strategic alignment with our customers to understand their business needs; define clear goals and objectives; develop strategic plan or project plans or operational plan that can be achievable; and finally help our customers to execute it. Excellent planning, executing, monitoring, tracking, and reporting project progress by using an earned value management methodology. Measuring progress towards defined key performance indicators is crucial for our success. Within the Project Management, we include the following tasks.

- Program planning and assessment
- Project management—project initiation, planning, execution, monitoring, controlling, and closing services and solutions
- Serving as project consultants, trainers, mentors, and advisors
- Trouble-shooting and problem solving for complex projects
- Conducting Independent Assessments (Project Management Capability Maturity)
- Providing expert personnel to participate in Self-Assessments
- Project Management Manuals/Procedures Risk Analysis/Risk Management
- Project Execution Plans Configuration Management
- Project management office (PMOs) set up
- Project Controls System Descriptions Performance Assessment
- Performance Requirements Performance Metrics
- Strategic Planning Project Reporting

- Baseline Definition (Scope, Schedule, Cost) Project Reviews
- Baseline Control/Change Control Readiness Reviews
- Earned Value Management
- Lessons-Learned Documentation

#### **4. Accounting and Tax Services:**

Digital Systems offered course in general accounting functions like accounts receivable (AR), accounts payable (AP), banking transaction, general ledger, purchasing, fixed assets, month-end procedure, and overview of financial reports including balance sheet, income statement, and trial balance. Our objective is to develop accounting skills and tools, enhance participants' skills in using QuickBooks, and prepare them to find a career as an accountant or book keeper or any other accounting related position in the accounting field. Our certified solutions professionals will deliver a full range of training and consultancy services. Every member of the team has extensive hands-on experience and many of our experts have worked with private, public, and non-profit organizations on project management and quality assurance skills development program. The tasks include in this area are listed below:

- Book Keeping and accounting services
- Maintain daily financial/cash transaction and report to businesses
- Provide updated accounting reports
- Provide onsite accounting training
- Financial consulting services
- Establish financial policy, rules, and procedures
- Project budget, forecast, and reporting
- Project proposal, financial management, and project costing
- Business transitioning and accounting system migration
- Tax return services