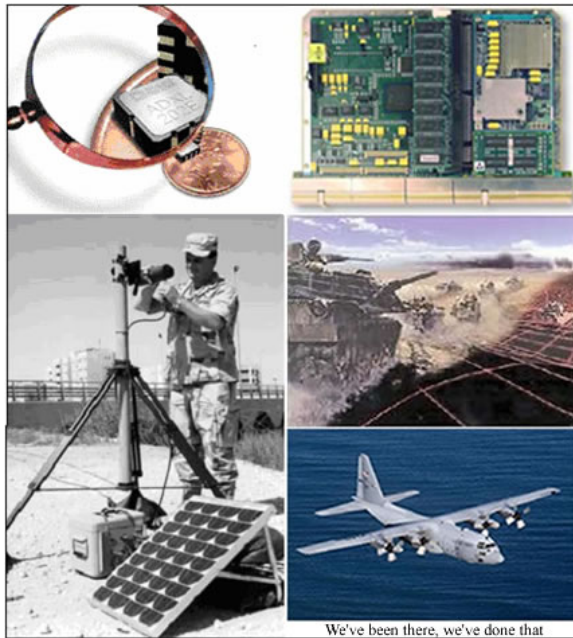


# AdaRose

## High Tech Solutions

Service-Disabled Veteran Owned  
Small Business (SDVOSB)



We'll make it happen.

GSA Schedule Available

### Who is AdaRose?

- Service-Disabled Veteran-Owned Small Business (SDVOSB)
- High Tech Systems Integration and Software Development company with offices in Randolph, VT & Lexington, MA
- Capable engineering staff with advanced degrees and proven experience in successful project deliveries
- Employee-owned company
- GSA Schedule with competitive pricing

### What experience does AdaRose have?

- System Integration and Testing
- Software Development
- System Design
- Graphical User Interface (GUI)
- Device Drivers Development
- Project Risk Management
- Formal Qualification Testing (FOT)
- Field Support and Training

### How can AdaRose help you?

- Provide full Software Life Cycle Development from requirements analysis through final testing & delivery phases
- Rapidly Prototype new system features to demonstrate Proof of Concept and obtain early customer feedback
- Rehost Legacy Systems to new software and hardware platforms reusing code to minimize cost & schedule
- Develop hardware simulators
- Develop Computer Based Trainers (CBT) with training course material
- Develop Simulators and Emulators
- Develop customized Device Drivers

### Recent Efforts:



**Rehosting and Integration Effort:** The Paladin Digital Fire Control System (PDFCS) is a command, control, and communications system, allowing semi-autonomous operation of an M109A6 Self-Propelled Howitzer (SPH). AdaRose successfully rehosted the Paladin software onto a new hardware platform producing a completely upgraded tactical configuration. AdaRose performed the following tasks:

- Replaced MIL-STD-1553 communications with Ethernet and RS-422
- Developed four new device drivers to support inter-device communications and control
- Developed software solution to eliminate Azimuth & Elevation Tachometers
- Integrated new Muzzle Velocity Radar System (MVRS) and Tactical Communication Interface Module (TCIM) TacLink 3000 units
- Integrated new third-party hardware & software, diagnosed and resolved design deficiencies
- Integrated new Keypad and Display System
- Enhanced Hardware Diagnostics BIT changes

**GUI Integration:** AdaRose and Northrop Grumman Mission Systems (NGMS) are jointly developing a Graphical User Interface (GUI) for a currently fielded combat system. AdaRose performed the following tasks:

- Determined best tools and techniques for development approach
- Performed communication interface option study with recommended solution (Berkeley sockets)
- Developed a rapid prototype to demonstrate Proof of Concept for touch screen and operator interface using sockets

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