

AdaRose *Inc.*

A Service-Disabled
Veteran-Owned Small
Business (SDVOSB)

PSS **PORTABLE** **SECURITY** **SYSTEM**

A modular, expandable
and portable security
system for intrusion
detection, data
communications, alarm
notification, and
intrusion assessment.

AdaRose, Inc.
430 Marrett Rd.
Lexington, MA 02141
Tel: (781) 274-7790, Fax: (781) 274-7359
www.AdaRose.com

AdaRose is a system integration and software development company that can design, setup, integrate, and maintain a Portable Security System (PSS) that fits your individual needs.

AdaRose can create any configuration, from a small stand-alone security system monitored by a hand held monitor to a large system combining multiple remote sensors and providing wide area coverage. The PSS allows the user to tailor an intrusion detection system to their security needs.

PSS was conceived and developed by AdaRose engineers based on past experience in the development of the AN/USQ-139 Alarm Monitor Set, Tactical Automated Security System (TASS) for the United States Air Force.

PSS allows the customer to monitor selected sensors via a radio frequency link or cable using an Alarm Detection Display Unit (ADDU). PSS has been designed to use the Miniature Intrusion Detection System (MIDS) family of sensors as well as larger commercially available microwave, active and passive infrared, and line sensors.

PSS components are small in size, light weight, and have a self-contained power source. When coupled with appropriate sensors through an RF link, they are ideal for covert operations. Covert installations are appropriate for the protection of key personnel, the monitoring of international borders, or protection of critical resources. The system's compactness, flexibility, and

ease of setup make it ideal for “fly-away” security to accompany high value assets

Flexibility in alarm transmission is a key attribute of PSS. The CM can transmit over a wide range of channels without band switching, module change, or tuning. Sensors can be located up to several kilometers (line of sight) from the base station or repeater units. With the built in repeater capability, this range can be increased greatly. Alarms can also be transmitted over several hundred meters between system elements via cable. Further flexibility is provided by combining RF and cable transmission modes.

The simplest alarm terminal is the hand held ADDU. The ADDU can also be integrated with a ruggedized laptop or PDA, displaying Alarms and symbology on a map background of the area being protected. Alarms can be simultaneously reported to multiple hand held and integrated ADDUs. This permits PSS equipped security teams to rapidly respond to intrusions.

PSS is highly modular. The system is easily configurable from a single pair of sensors reporting to a hand held ADDU to a system of over several hundreds of devices reporting to multiple portable and integrated ADDUs. Setup can be accomplished in minutes per zone. Multiple power configurations are available, and provisions are made for solar power recharge of internal batteries on the MIDS family of sensors.

AdaRose offers its engineering expertise to help you create a Portable Security System that is suited to your needs. AdaRose can achieve results by working with the customer to create and implement the perfect solution:

- Identify top level requirements
- Survey the potential site
- Investigate and select the appropriate components
- Provide a top-level system design
- Create a rapid prototype to serve as a proof-of-concept
- Provide a detailed Design and Implementation plan
- Perform system integration

To request more information, or to discuss your particular security needs, please contact Tom Donovan by phone at (781) 274-7790 or by email at Donovan@adarose.com

AdaRose Inc.
An Employee-owned company
GSA Schedule available