ProRAE Guardian

Mobile Command Center and Device Fleet Manager

ALL YOUR DATA. RIGHT HERE. RIGHT NOW.

ProRAE Guardian is real-time gas, radiation, dust, weather, and physiological monitoring software that connects, integrates, and relays data from various wireless monitors to a centralized system. The command center instantly displays device status, alarm, and sensor reading information, integrating all information in a single dynamic view. ProRAE Guardian real-time monitoring empowers safety professionals with instant updates of monitor data for making intelligent time critical decisions.

ProRAE Guardian advanced device management enables operational managers to manage their fleets of monitors and track worker device assignments. In addition, it can automate several common tasks to improve worker productivity along with the flexibility to define custom alerts specific to a work environment.

- Centralized monitoring of wide areas
- Simultaneous monitor data aggregation
- Increased situational awareness
- 24/7 monitoring of exposure conditions
- Early warning and tracking of hazardous threats
- Distributed Control Systems integration for process automation
- Management and control of monitors and detectors
- Increased productivity through task automation
- Lower deployment costs

ProRAE Guardian helps incident command establish a perimeter, track and identify the real-time concentration of toxic chemicals, combustible materials, radiation, and plumes to protect responders and the community.

KEY FEATURES

- Real-time display of device status, sensor readings, and alarms
- Integrated Google Maps show precise instrument locations with alarm status
- Datalogging in text and graphical formats, and includes boolean filters
- Supports all RAE Systems wireless enabled products
- Supports up to 512 instruments simultaneously
- Dashboard for overall system status
- Fleet management for instruments
- Activity automation for calibration, bump test and report generation
- Custom rules for alarm notifications
- Remote notifications via email and text messages
- Worker-instrument association
- Security features for data protection and networking
- Leasing option for short duration projects
- Software Development Kit for integration with external systems

ProRAE Guardian

Mobile Command Center and Device Fleet Manager

SPECIFICATIONS

Minimum Hardware Requirements*
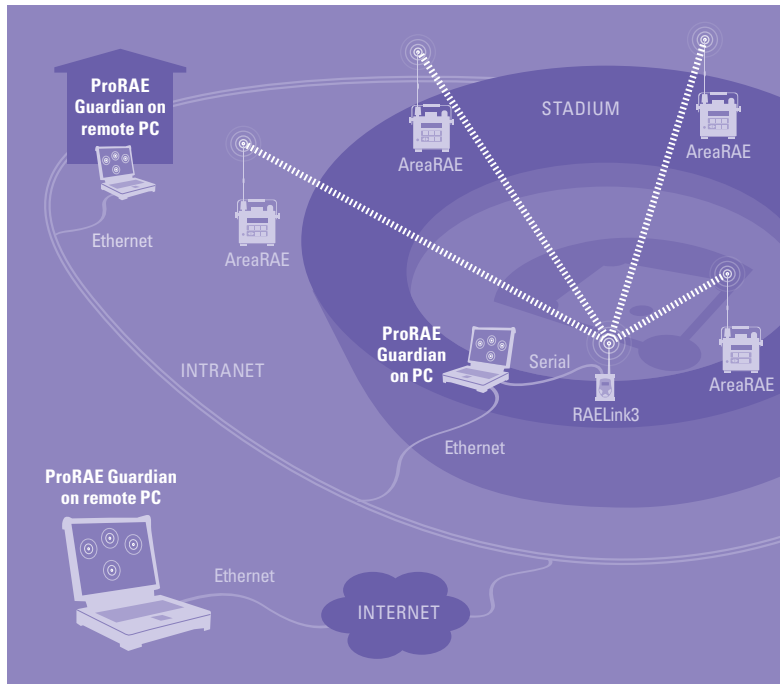
CPU	Pentium-class, 1.0GHz or better
Display	VGA (1024 x 768 min., 16-bit color)
Hard Drive	300MB of free hard disk space†
Memory	3.0GB or higher for 500 instruments and 30 remote viewer sessions
Optical Drive	CD-ROM Drive for installation
Serial Port	Available serial port for each device/modem installed
Sound Card	To enable local sounds and alarms
Internet Connection	Required for Google Maps, email, SMS, and RAECenter

† Software installation only. ProRAE Guardian may require significantly more disk space to store device datalog information.

Minimum Software Requirements*

Internet Browser	Internet Explorer 9 or higher, Google Chrome, or Safari for remote viewing
Operating System	Microsoft Windows Vista, Windows 7, or Windows 8
Documentation	Adobe Acrobat Reader v6.0 or higher to view documentation

*Specifications subject to change without notice

Example of ProRAE Guardian deployment

TYPICAL CONFIGURATIONS

ProRAE Guardian comes pre-installed and pre-configured in most RAE Systems Rapid Deployment Kit (RDK) System Packages. In addition, ProRAE Guardian can be ordered separately and installed on a compatible Windows PC. The software fully integrates with RAE Systems GPS Module V2.2, which supports either Tiger maps or optional MXD maps.

PRORAE GUARDIAN ORDERING

All RDK System Packages include a PC with ProRAE Guardian installed and pre-configured, instruments, hardware, cables, and all necessary ProRAE Guardian instrument licenses for real-time monitoring.

Alternatively, ProRAE Guardian can be ordered as a separate product. In this case, additional licenses must be ordered for instrument types intended to be monitored. Call a RAE Systems sales representative for more information on license options.

ORDERING INFORMATION

Description	Part Numbers
ProRAE Guardian CD Only	S01-A120-200
ProRAE Guardian CD + Printed Manual	S01-A110-200
ProRAE Guardian Tier 1 Concurrent Instruments License	S01-1000-000
ProRAE Guardian Tier 2 Concurrent Instruments License	S01-2000-000
ProRAE Guardian Tier 3 Concurrent Instruments License	S01-3000-000
ProRAE Guardian Real-time Monitoring Tier 3 Yearly Subscription License	S01-3000-210
ProRAE Guardian Real-time Monitoring Tier 2 Yearly Subscription License	S01-2000-210
ProRAE Guardian Real-time Monitoring Tier 1 Yearly Subscription License	S01-1000-210
ProRAE Guardian Care Center Tier 3 Yearly Subscription License	S01-3001-210
ProRAE Guardian Care Center Tier 2 Yearly Subscription License	S01-2001-210
ProRAE Guardian Care Center Tier 1 Yearly Subscription License	S01-1001-210
RDK System Package	Call for Configuration