



EXPLORANIUM® SRM-910 Radiation Monitor.

A practical, networked solution for keeping radioactive materials out of scrap.



The SRM-910 RPM graphically displays the location of radioactive sources in scanned vehicles.

The challenge: scanning vehicles, railcars, and conveyor belts loaded with scrap for radioactive materials before they contaminate steel, scrap recycling, or other facilities. The solution: SAIC's SRM-910 radiation monitor.

State-of-the-art radiation monitoring with centralized alarm notification

Designed specifically for industrial applications, the SRM-910 quickly screens for lost and improperly discarded radioactive sources embedded in or shielded by scrap. The system's state-of-the-art detectors, advanced signal analysis, and sophisticated software algorithms optimize detection probability. The system can generate audible alarms on an optional annunciator and can send alarm messages from up to 32 systems to a single supervisory computer over an existing local area network (LAN) connection. Multiple supervisory computers can be incorporated into a single network to fit large-scale monitoring requirements. Additional alarm messages can even be sent to a cell phone or e-mail account.

Combining outstanding performance with built-in, fully networked remote monitoring and control capabilities, the SRM-910 radiation monitor is an ideal solution for screening scrap.



The SRM-910's high-throughput fixed-portal design allows vehicles to drive through without stopping

Capabilities:

- Helps operators adhere to user-established alarm response procedures
- Graphically displays the location of radioactive sources in scanned vehicles
- Limits false alarm rate to better than 1:10,000
- Provides built-in networking for remote monitoring and control
- Offers easy-to-use, one-button operation
- Performs daily self-checks of system health status

Options:

- Additional detector panels for oversized vehicles
- Traffic light controller
- Additional cameras
- All-weather outdoor annunciator

Supports operator response to alarms

The SRM-910's system design helps operators adhere to user-established alarm response procedures. The system automatically sends emails and/or SMS text messages if an alarm occurs, as well as reminders when messages are not acknowledged within set, user-definable time limits. A camera package lets operators view multiple camera images for easy identification of scanned targets.

Flexible, scalable architecture

The SRM-910 features built-in, preconfigured network capability for centralized operation and monitoring. Each SRM-910 supervisory computer allows monitoring and remote configuration of up to 32 systems, and multiple supervisory computers can be incorporated in a single network. Each monitoring computer allows monitoring of any number of authorized systems in the same network. The SRM-910 even supports printing of documents where required on existing network printers.

The next generation of scrap radiation screening

The SRM-910's state-of-the-art detectors — each equipped with an individual spectrometer — and advanced electronics incorporating quad-PMT coincidence provide cutting-edge signal processing and enhanced detection sensitivity without increasing false alarms. The system graphically displays the location of radioactive sources in scanned vehicles, making them easier to find.

Easy to use

Like previous EXPLORANIUM® products, the SRM-910 offers easy-to-use, one-button operation. The system's Windows® XP-based platform supports multiple languages and offers two levels of password protection. Authorized operators can easily change screen messages to suit local procedures.

The latest in SAIC's field-proven EXPLORANIUM line of radiation detection systems

SAIC is a world leader in radiation detection technology, with thousands of installations for government and commercial clients around the world. Every system is backed by SAIC's dedicated installation, training, maintenance, and technical support.

SAIC Security and Transportation Technology

10260 Campus Point Drive, V2-F | San Diego, CA 92121

866.SAF.TRAN (866.723.8726) | sectrans@saic.com

Visit us online at www.saic.com/security

Energy | Environment | National Security | Health | Critical Infrastructure



©2010 Science Applications International Corporation. All rights reserved. SAIC, EXPLORANIUM, and the SAIC Logo are registered trademarks of Science Applications International Corporation in the United States and/or other countries. The SRM-910 and its technology are subject to United States Export Administration Regulations. Diversion contrary to United States law is prohibited. This technology may not be exported, re-exported, resold, transferred or transshipped without prior authorization by the United States government. TPN 09-0255 12Apr10

Due to our efforts to continually improve this product, specifications, dimensions and operating procedures are subject to change without notice. All specifications and measurements are approximate, based on the standard configuration; results may vary with the application and environment.