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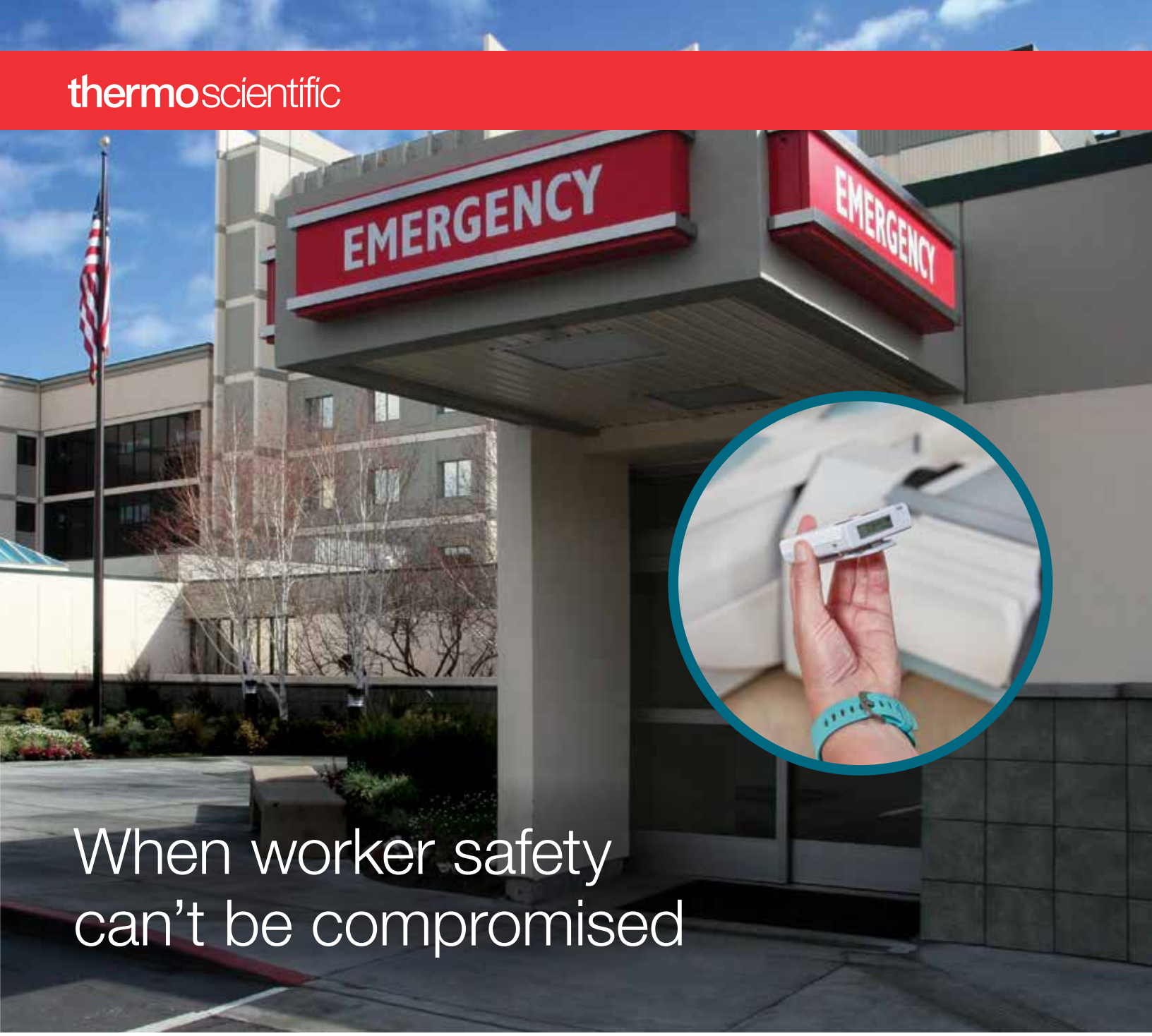


When worker safety can't be compromised

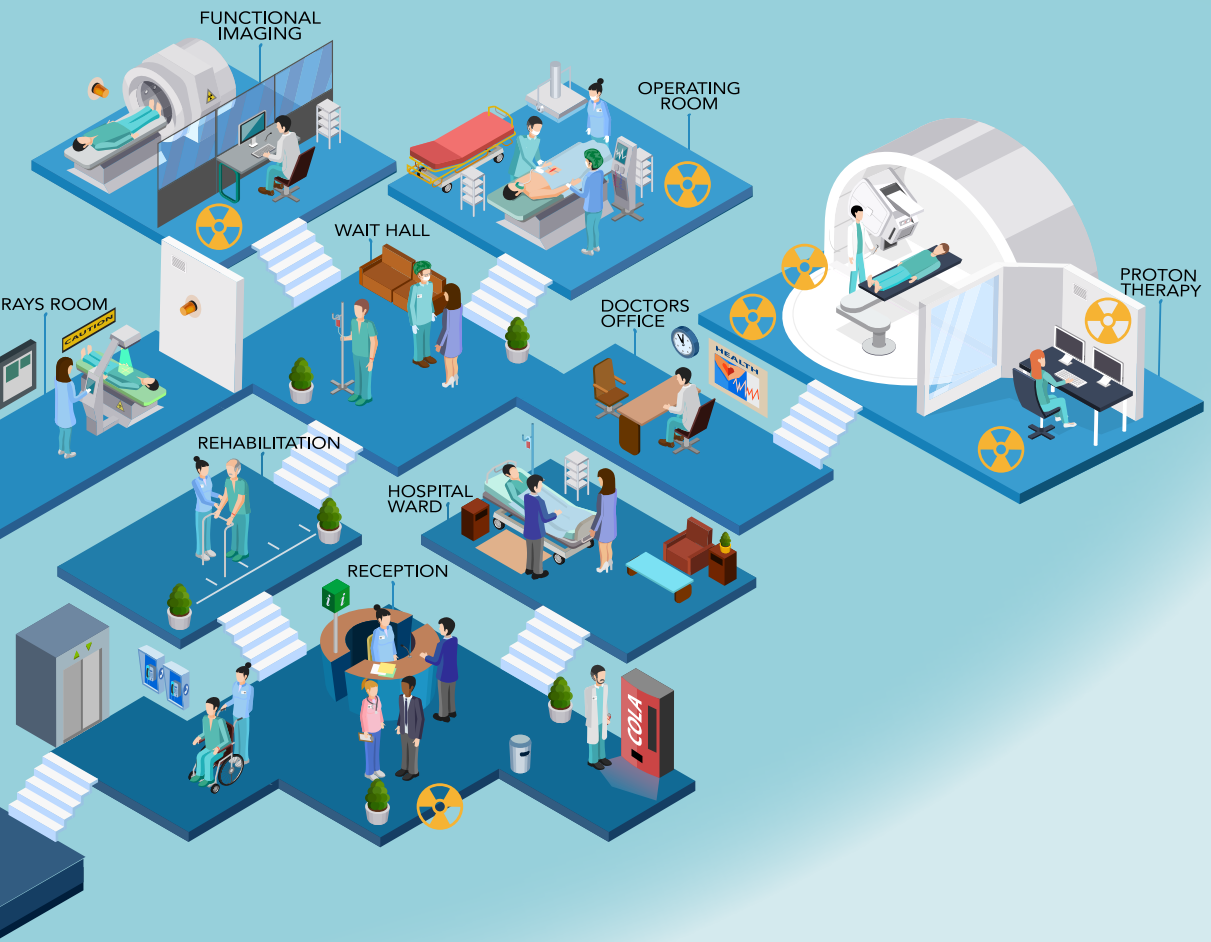
Radiation monitoring, detection and identification

ThermoFisher SCIENTIFIC

A whole hospital approach to radiation protection

Radiation monitoring is an integral part of good health physics practice at every medical facility performing any radiation therapy activities. It is the core disciplines of RSOs, Health Physicists, Medical Physicists, Radiologist and Nuclear Medicine Techs to be acutely aware of radiation exposure rates for facility staff and patients.

Radiation Safety Officers are responsible for all RCA (Radiation Controlled Areas) areas in the buildings. They have responsibly to keep track of a critical RCA which require radiation monitoring by using contamination survey meters, area monitoring or using passive and active dosimetry for facility staff or patients.



Area radiation monitoring services for your medical facility

Radiation monitoring includes monitoring environmental release of radioactive particulates or positron decay to the atmosphere as part of any license requirement to operate a cyclotron if used to manufacture nuclear tracers or nuclear medical isotopes at the facility.

Proton beam area monitor base system

- Monitors the radiation level of a room in areas such as cancer treatment centers where radiation therapy is part of the daily work routine
- Measures and assesses the level of gamma and neutron radiation; features audible and visible alarms in case of emergency

Optional remote light tower

- Be alerted from a distance if radiation is detected

Gamma/Neutron Dose Rate Monitoring

- The Thermo Scientific FHT 762 Wendi-2 wide energy neutron detector delivers high sensitivity and an excellent energy and angular response

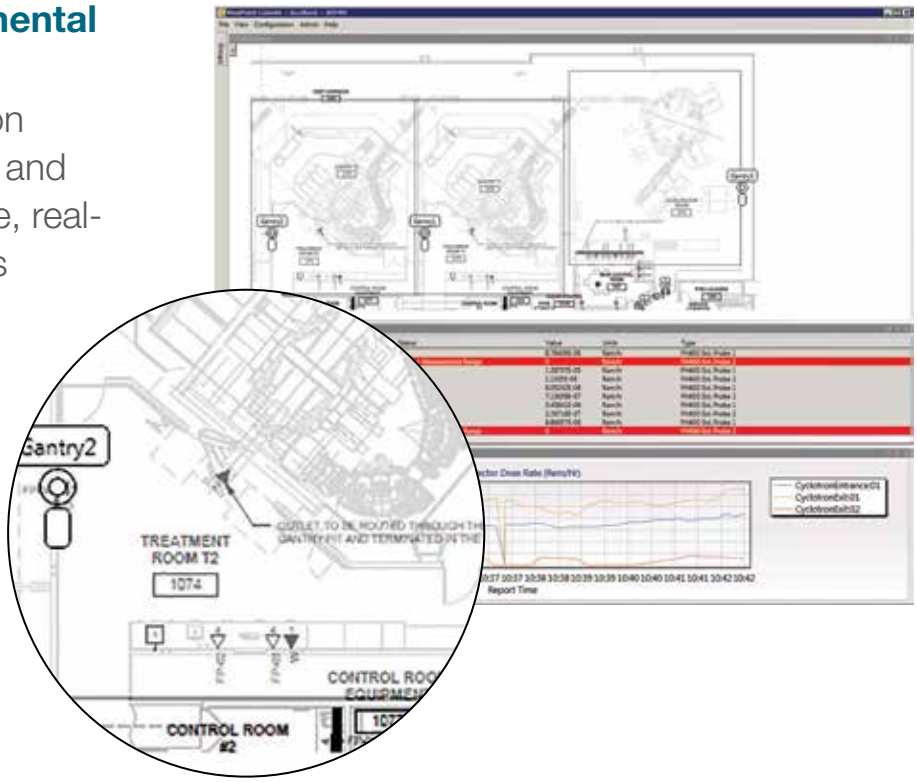
FH40 Digital Survey Meter

Multi-purpose meter and area monitor

- Highly configurable with external detectors to support a wide range of applications

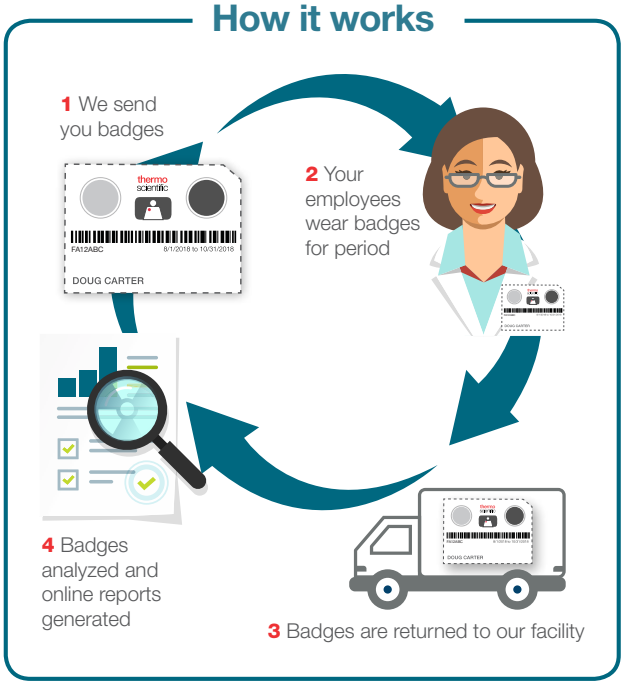
ViewPoint Enterprise Environmental Package

- Comprehensive software solution integrating personnel dosimetry and facility monitoring for a complete, real-time picture of facility operations
- Simplified instrument data management and complete archival simplifying analysis, enabling informed decisions and report creation
- Configurable with a variety of instruments
- Smart alarm E-Mail notification
- Self-diagnose for speedy repair



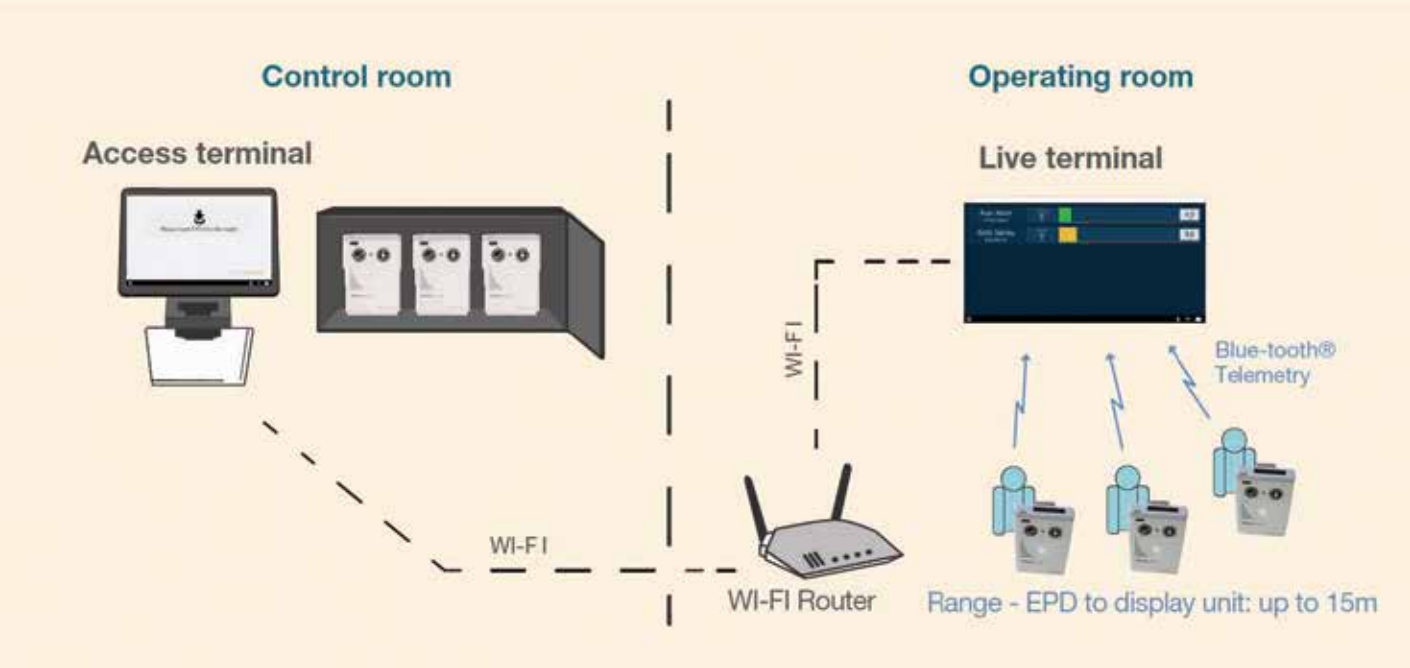
Dosimetry Services for passive monitoring

How does it work? We send you passive dosimeter badges, your employees wear the badges for a period of time and then the badges are shipped back to our facility for analysis and online reporting.



Live personnel monitoring

Adding RadSight Live delivers live dose rate monitoring of a team. Data can be viewed from any computer on the network.



Personal dosimeters keep tabs on staff exposure rates

Our active personal and passive dosimeters can help improve healthcare worker safety in areas such as radiology, oncology, fluoroscopy and radiation therapy. We provide active personal dosimeters for protection during procedures and passive personal dosimeters that track daily dose exposure for regulatory purposes.

EPD TruDose Electronic Dosimeter for real-time monitoring

- Delivers ultra-precise, real-time dose reading and reporting
- Multidetector technology measures both gamma and beta radiation
- Improved dose rate range and unprecedented sensitivity, providing you peace-of-mind in the accuracy of exposure

Detection and Identification products

We have a comprehensive range of radiation detection and identification products for very specific applications.

RadEye B20 Survey Meter

- Simple, robust, reliable contamination and gamma dose rate measurement tools for characterizing alpha, beta, gamma and X-ray radiation
- Excellent for nuclear medicine and incoming/outgoing package inspection

RadEye SX Survey Meter

- Multi-purpose meter for external scintillator counter tubes
- General count rate and surface contamination measurements as well as dose rate measurements

IPM96 Whole Body Contamination Monitor and IPCM12 Installed Personnel Contamination Monitor

- Both monitors can be installed at area perimeters to help prevent the spread of radioactive contamination throughout your facility
- Designed to detect both alpha and beta radiation
- Can be deployed at hospitals, PET facilities, radiological centers where patients are injected with radioactive isotopes, or radiopharmaceutical departments

RadHalo Spectroscopic Area Monitor

- Highly configurable
- Offers quick, real-time monitoring and measurement of gamma radiation
- Conveniently managed with monitoring software or on your mobile device

Monitor your RadHalo area monitor from anywhere with our mobile app.

Google play

Available on the App Store

Emergency response

In an emergency response situation, we offer a suite of products and solution that can be deployed rapidly.

TPM 903C Transportable Radiation Portal Monitor

- Provides quick, accurate head-to-toe screening in emergency response scenarios
- Used to monitor personnel entering and existing Radiation Control areas or in case of an emergency radiological event

RadEye SPRD-ER Spectroscopic Personal Radiation Detector

- Sets a new standard in the detection of hidden or illicit radiation through fine-tuned detector sensitivity and smarter alarming.
- Can help staff more closely identify radioactive isotopes in medical waste.

RadHalo Spectroscopic Area Monitor

- Rapidly deployment in response to a nuclear accident
- Monitor and manage with your mobile device of dlexible monitoring software
- Engineered for the harshest environments

Network Integration

Thermo Scientific™ ViewPoint™ Enterprise Remote Monitoring centrally processes and analyzes data from radiation, environmental and general purpose detectors to give a complete picture of your environment.

Situational awareness and remote monitoring solutions

- Comprehensive instrument integration (Thermo Scientific and third-party instruments)
- Simplified data management
- Enhanced data analysis
- Secure communications
- Easily Integrate with other databases using ViewPoint Data Manager
- Fully scalable
- Comprehensive instrument readings archive
- Custom reports and notifications
- Instrument data storage, retrieval enabling reporting of personnel and environmental radiological conditions and identifying potential threats.
- Server hosting and cloud services
- Training and support services

Find out more at **thermofisher.com**

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