

## Real-Time Exposure Intelligence for High-Risk Environments

Hazardous work zones don't wait for delayed data. GEDDS gives radiation protection and industrial hygiene teams a continuous live feed of exposure levels across the entire facility. It consolidates readings from every major device type and turns them into a single operational picture that helps teams work safer and respond faster.



## Why Your Operation Runs Better With GEDDS

01

Real-time situational awareness that helps staff act before exposure reaches critical levels.

02

Automated data capture, filtering, and archiving reduces manual work and cuts repeat staff effort.

03

Audit-ready exposure records that improve compliance confidence and support regulatory review.

04

Centralized insight replaces scattered device reads and reveals trends for strong safety culture.

## Why Organizations Choose GEDDS

GEDDS takes the complexity out of monitoring high exposure environments. It handles the data workload, processes alerts, and puts the right information in front of the right people without forcing staff to chase readings across multiple devices. The platform integrates cleanly with access control systems and supports unlimited users, which makes it ideal for outages and high-volume operations. With over 20 years of real-world use inside nuclear power plants, Department of Energy sites and other facilities, GEDDS is a proven system that delivers immediate alerts, reliable data storage, and visual context that makes oversight easier and more accurate.

# How GEDDS Integrates into Daily Operations

GEDDS receives readings from field devices over the network, streams the data into a central server, and distributes it across authorized workstations. Operators receive immediate alerts when exposure thresholds are reached. Supervisors gain a complete history of readings that can be searched, exported, or used for compliance checks. The system's filtering logic cuts storage demands and makes key events easier to find.

## The Result

You get a clear, continuous picture of exposure conditions with less manual work. Teams spend less time gathering readings and more time responding to real issues. Critical exposure events become visible instantly, not after the fact. With GEDDS, oversight is simpler, faster, and more reliable.



## Features Designed for Real-World Surveys

- Unified integration with all major radiation detectors and industrial hygiene monitors.
- Automated login and logout data sync via access control integration.
- Continuous live data transmission from EPDs, ARMs, CAMs, and other instruments.
- Dual access through Windows interface or standard web browser.
- Intelligent filtering that captures only important data points to reduce noise.
- Complete historical database with fast retrieval for investigations and trending.



## A Consolidated Operational View

GEDDS replaces fragmented exposure tracking with a single, authoritative operational view so your team can work safer, faster, and with total confidence in the data behind every decision.

## When every second counts, GEDDS keeps your team informed.

GEDDS delivers continuous, real-time visibility into exposure conditions across your facility so teams can act on facts, not assumptions. Instead of waiting for post shift downloads or manual reconciliation, staff see live readings as they happen. To learn how GEDDS can help your team improve efficiency and increase safety, book a consultation and demo today.