# RADIODETECTION®

# Locate Performance Management

811
Know what's **below.**
**Call** before you dig.

# RDMO

If you're responsible for preventing damages, managing a fleet of locate technicians, and growing your business profitably, then RDMO is the Management Tool you need.

Manage Locate Performance. Drive Best Practices. Influence On-Site Behaviors.

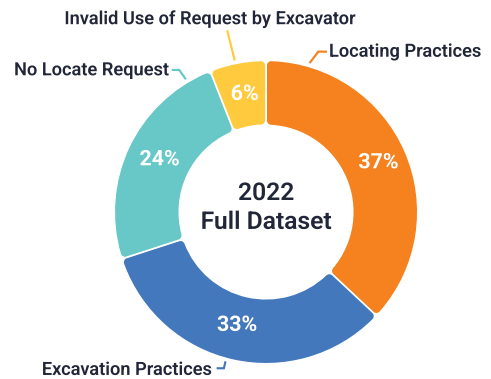# Locate Performance Management

Accuracy begins with using best-in-class Precision Locator technology, backed by robust software to leverage a fully integrated end-to-end solution



## According to the Common Ground Alliance (CGA):

- Damages to buried utilities cost the US approximately $30 Billion annually
- In 2022, the largest root cause of damages was locating practices
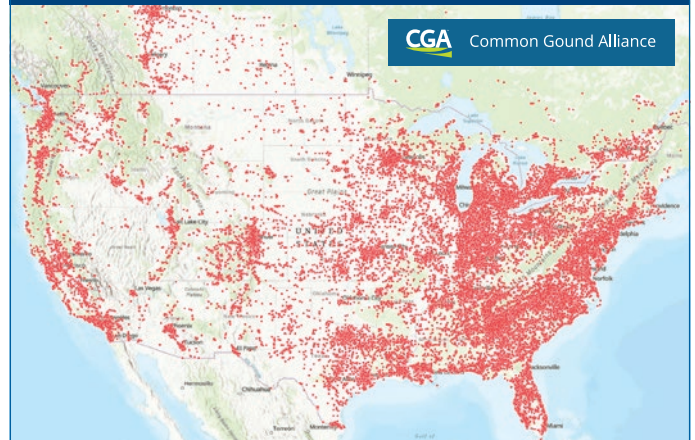- To drive down damages, better reporting and analysis within the industry are needed

### Damages By Root Cause Group



Invalid Use of Request by Excavator

No Locate Request

Locating Practices

6%

24%

37%

2022 Full Dataset

33%

Excavation Practices
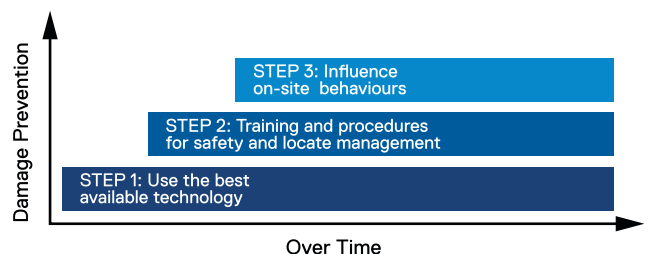
CGA Common Gound Alliance

According to the CGA 2022 DIRT Report, the biggest root cause of utility damage is Locating Practices.

### Map of Unique Reported DIRT Damages in 2022



CGA Common Gound Alliance

### RDMO - Solutions for a connected world



Damage Prevention

STEP 3: Influence on-site behaviours

STEP 2: Training and procedures for safety and locate management

STEP 1: Use the best available technology

Over Time

# What is RDMO? How will Locate Performance Management help your business?

RDMO is a Locate Performance Management tool that helps reduce the risk of damage to underground utilities. It is a comprehensive end-to-end solution designed to empower **One-Call, private utility locating, and SUE Services** with real-time locator data.

Data and insights offered by RDMO can help:

- Drive down damage-to-locate ratios
- Improve Field Technician performance and productivity
- **Ensure accurate billing metrics for utility owners,** such as the precise location of their utility, the time taken to locate and trace their utility, and the length and depth of the utility

At its outset, RDMO provides an online portal that enables a Supervisor to create and assign tickets for various locate tasks to the appropriate field technicians. But its core truly lies in the ability to **seamlessly connect with, and extract data from a range of Radiodetection Precision Locators.**

Every time a field tech performs a locate task, RDMO assigns a score, based on preconfigured 'scoring rules' specified by the company – a combination of metrics including recommended frequencies, job duration, mapping data, accuracy of locates, and adherence to safety protocols, among others.
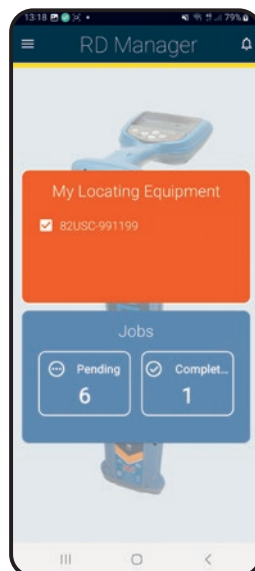
With its emphasis on performance scoring, equipment tracking, and AI integration capabilities, Locate Performance Management emerges as a pivotal tool for companies seeking to better manage and protect subsurface assets.



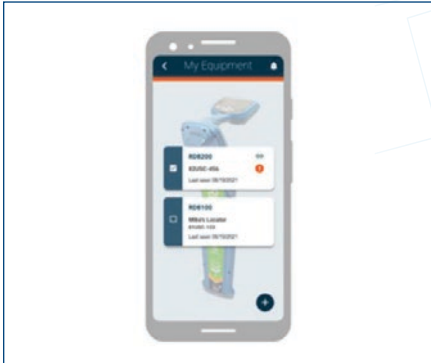## DATA FLOWS SEAMLESSLY FROM FIELD TO DESKTOP



**LIVE LOCATE TASKS**
The screens show all locate activity, ticket lists, tickets that are being worked on, and the completed scored results shown on a map.

**DATA IS LOGGED AUTOMATICALLY**
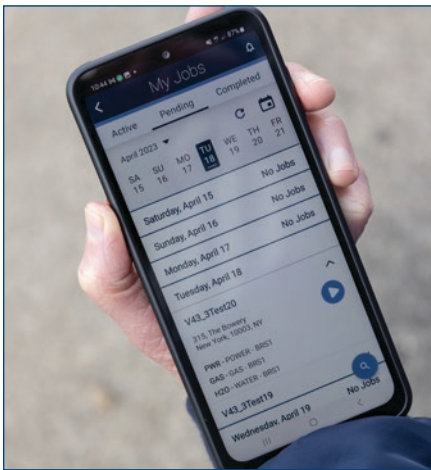This allows the operator to concentrate on starting tickets and locating.
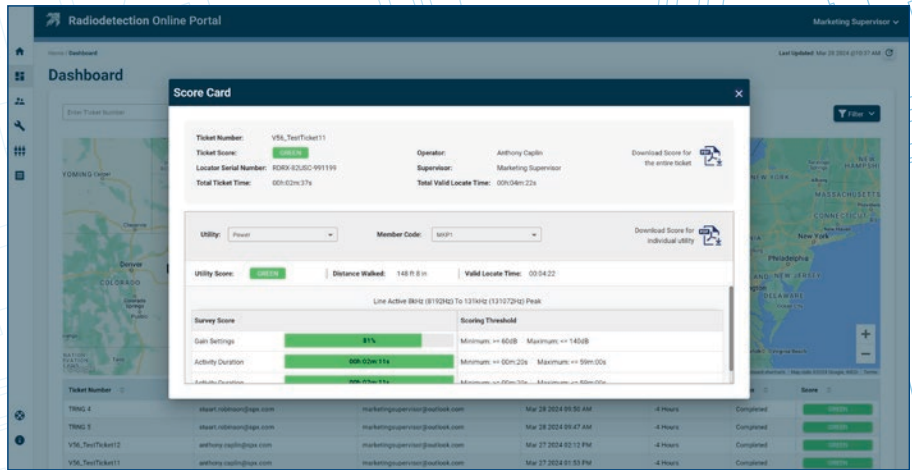
# Features of Locate Performance Management



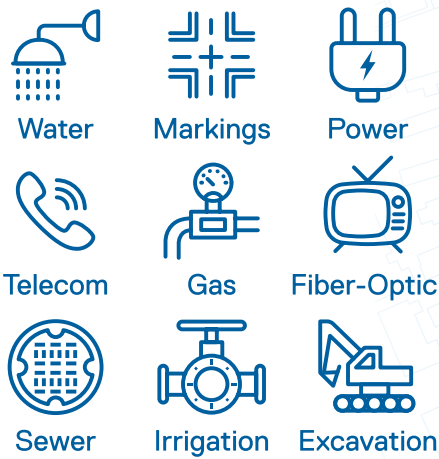Mobile Ticket Management App



Web-based analytics and reporting portal for all locate tasks, Field Tech and equipment registration, and the management of report parameters.
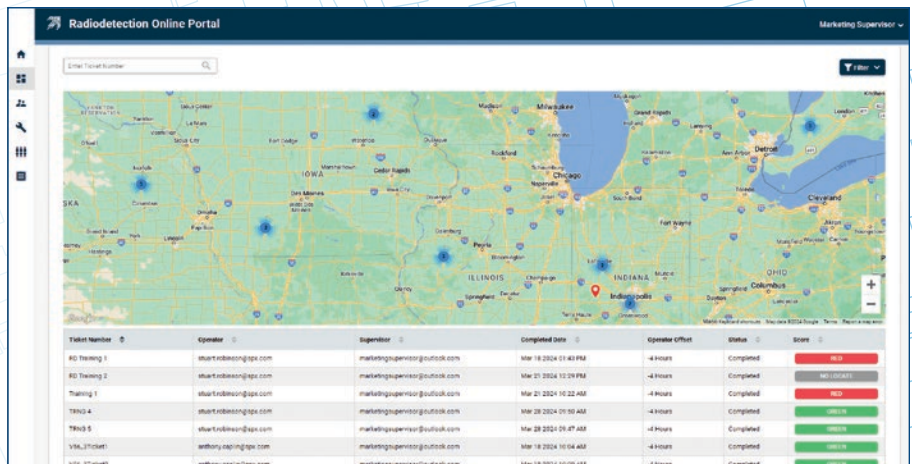


Field Tech issued ticket list and status



Reporting statistics on Field Tech locate performance, ticket status and completion details.



Water    Markings    Power

Telecom    Gas    Fiber-Optic

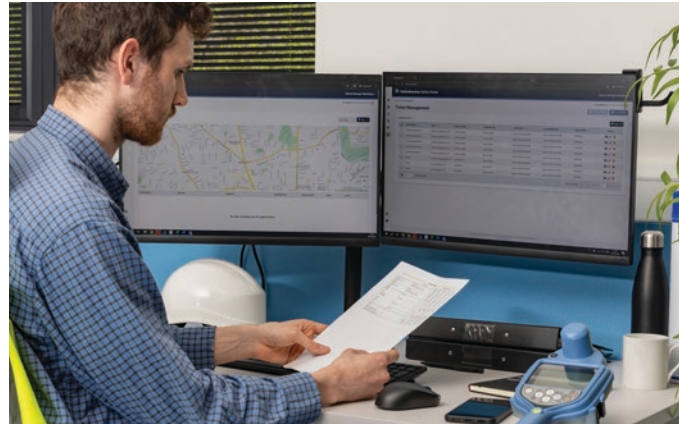Sewer    Irrigation    Excavation

Configure and customize Scoring Rules for different types of utility tasks



Review tickets and Field Tech work-flow performance.

# Why do I need Locate Performance Management?





## Extract Data on Buried Utilities

**Type of utility**
Whether the subsurface utility is a metal pipe, non-metallic pipe, conduit, cable, sewer line, etc

**Depth**
Approximate depth from the surface to the middle of the subsurface utility

**Location**
GNSS position of the utility as you trace it

**Direction**
Path and direction that the utility line follows

**Distance & duration**
Distance of utility traced and duration of locate task for accurate billing metrics

## Aggregate Data to Drive Best Practices

**Task completion time**
Track the time it takes for employees to complete the task using the Precision locator for calculating efficiency

**Error rates**
Number of mistakes or errors made while using the locator can signal training needs

**Training and support needs**
The amount and frequency of support requested during the task

**Usage frequency**
How often employees use the Precision Locator per month

**Establish best locator and transmitter setup**
For enhanced locating results for a particular utility

### Improved Performance
RDMO ensures there is a structured system in place to create and **assign jobs to field technicians** and **track locate performance.** This enhanced visibility and data enables supervisors to **determine where additional training is needed** for technicians and drives accountability.

### Cost Reduction
By improving field tech accuracy and performance, RDMO **helps reduce costs associated with utility damages.** There is also potential for significant savings for the company with the accurate billing metrics that RDMO offers.

### Accurate Billing Metrics
At a minimum, RDMO records the **name of the utility owner,** the **time spent on a specific locate,** and the accurate GNSS **location and length/distance of the located utilities.**
This gives you confirmation and verification that the locate was performed to a suitable level of quality – critical data that can be trusted, audited, or verified.

### Data-Driven Decisions
Over time, RDMO builds a large **database of accumulated locate and GNSS data from all field tech locate activity.** This aggregate data, collected from every locate task on a range of Radiodetection Precision Locators, can be analyzed to **identify trends, areas for improvement, and best practices,** allowing for informed decision-making.

### A World of Opportunities with AI Integration
RDMO's public APIs present a significant opportunity for utility-locating companies to connect external AI tools for enhanced data analysis. Create a powerful synergy and harness the full potential of your locate data, **enabling enhanced assessments of challenging locate tasks,** based on utility type and location.

# RADIODETECTION®

SPX TECHNOLOGIES

## Our Mission

**Provide best in class equipment and solutions, to prevent damage to critical infrastructure, manage assets and protect lives.**

## Our Vision

**To be the world's leader in the management of critical infrastructure and utilities.**

## Our Locations

**USA**
Raymond, ME
Kearneysville, WV

**Canada**
Mississauga, ON

**Europe**
United Kingdom **HQ**
France
Germany
The Netherlands

**Asia Pacific**
India
China
Hong Kong
Indonesia
Australia

Visit: **www.radiodetection.com**

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