Discover

RADIODETECTION®

SPX TECHNOLOGIES

RADIODETECTION®

About Us

Protect your underground assets. Radiodetection provides best-in-class equipment and solutions to reduce utility strikes, enhance safety and protect lives.

SPX TECHNOLOGIES

Radiodetection – Our Vision

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

Radiodetection helps you confidently locate, survey, maintain, and protect critical underground infrastructure. Our comprehensive solutions and expert support optimize operations and help ensure business continuity. Through a strong global distributor network, we offer local knowledge, training, and service tailored to your needs. Our digital tools deliver clear insights into field activity and asset management, helping you and your teams work safer and more efficiently.

Our Locations

USA

Raymond, ME

Kearneysville, WV

Canada

Mississauga, ON

Europe

United Kingdom **HQ**

France

Germany

The Netherlands

Asia Pacific

India

China

Hong Kong

Australia

Our Solutions

SPX TECHNOLOGIES

RADIODETECTION®

RADIODETECTION®

Precision and RF Marker Locator Range

Mapping

Cable Avoidance Tools

Locate Performance Management

Pipeline Integrity and Corrosion Control

Water Pipe Locator and Leak Detector

Time Domain Reflectometers (TDR), Cable Test and Network Analysis

SCHONSTEDT® from RADIODETECTION

Magnetic Locators

Pipe and Cable Locators

SENSORS & SOFTWARE from RADIODETECTION

Ground Penetrating Radar (GPR)

GPR Software Solutions

DIELECTRIC from RADIODETECTION

Dry Air Cable Pressurisation Systems

Multi-Gas Leak Detection

Our Key Industries

Water & Sewer

Power

Oil & Gas

Telecom & Cable

Construction & Excavation

Surveying & Mapping

Public Sector

Roads & Transportation

Contract Locating

Unexploded Ordnance Detection

RADIODETECTION®

Damaging buried utilities can be both expensive and dangerous and can also seriously impact companies' reputations. Superior detection tools, such as Radiodetection's, allow you to identify and trace underground infrastructure. Radiodetection's range includes Precision Locators, RF Marker Locators, Cable Avoidance Tools, Pipeline Current Mapper and Water Leak Detection.

Precision Locators

RD8200®SG

- Locate and map utilities in a single operation
- Survey-Grade accuracy

RD8200®

- Accurate and reliable location
- Ideal for congested underground infrastructures

RD7200®

- All-industry locator
- A versatile, high quality solution, suitable for a wide variety of locating tasks

Tx Transmitters

- Powerful signal generators to enable accurate cable and pipe locating

RF Marker Locators

MRX

- Precision line locating
- Marker ball detection
- Combined precision and marker ball locating

MRX G

MRX features, plus:

- Verify GPS location with 2-3m/7-10' accuracy
- Navigate congested areas with Current Direction™ technology
- Automatically store all locate parameters providing a comprehensive picture of field operations

MRX SG

MRX & MRX G features, plus:

- Survey Grade mapping
- Achieve 1-2cm/sub-inch* accuracy

*Subject to RTK correction service provider and local conditions

Pipeline Integrity and Corrosion Control

PCMx®

Pipeline Current Mapper

- Used to survey cathodically protected oil and gas pipelines and identify coating defects
- Integrated GPS, mapping and a mobile app enable fast, accurate results

RD510 Water Pipe Locator & Leak Detector

- Accurately locate leaks up to 5 m / 16 ft* deep with our advanced sensor technology
- Work efficiently with the user-friendly control unit featuring a color touchscreen
- Save time and money by preventing costly repairs and water waste with early leak detection

*Actual range will vary depending on the ground composition and pipe material.

Cable Avoidance Tools

- C.A.T4® and Genny4®
- Drive Best Practice
- Reduce the number of strikes
- Improve Safety
- Service and Calibration

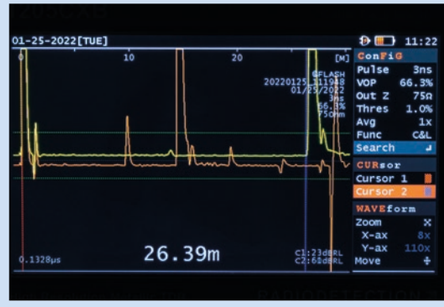
Cable Test and Network Analysis

Lexxi® T1660

- A cable fault locator with an unrivalled combination of performance, usability and economy
- Gives technicians the tool they need to find faults quickly and accurately

1205CXB Metallic Time Domain Reflectometer Cable Analyzer

- Ensuring your customers stay connected to your network is your number one priority
- The 1205CXB TDR is the perfect tool to pinpoint copper cable faults – quickly, easily and accurately



MAP IT YOUR WAY

Locate and map buried utilities in a single operation

MRX SG

- Precision Built-In: High accuracy GNSS ensures reliable mapping and reduces rework.
- All-in-One Capability:
  Map assets with high accuracy

  Locate and trace utilities

  Detect buried marker balls

RD8200 SG

- Locate and map buried utilities in a single operation
- Flexibility to work with the system that works for your business
- Locate experts: integrate mapping into your utility locate procedures
- Mapping experts: integrate utility locating into your mapping procedures
- Available on iOS® and Android™

LMX®SG

- The SG Bundle unlocks powerful locating & mapping advantages in the field and post processing
- Locate & Map utilities and other subsurface targets with GPR in a single operation
- Ground Penetrating Radar (GPR) complements the RD8200SG by locating both metallic and non-metallic targets including:

  Pipes and cables

  PVC and asbestos cement pipes

  Concrete storm and sewer systems

PCMx Manager Mobile

- Create measurement graphs automatically and in real time
- Create and email survey reports directly from the field

Map Data: Google

Locate Performance Management

Helps reduce utility damages by combining real-time accuracy, validated maps and seamless data integration.

- Real-Time Quality Assurance – Validate locates in the field
- Proactive Approach to Damage prevention with a system that monitor the quality of locates
- High-Accuracy GNSS Integration
- Direct Integration with Esri® ArcGIS®

C.A.T Manager® Online

- Automatic field data retrieval
- Storage into secure cloud database
- Web based usage analysis
- Analysis and report creation

EKKO_Project™

- GPR processing and reporting software
- Data Management
- Save time with an easy workflow
- Enhanced Analysis
- Mapping
- Multiple positioning options

SENSORS & SOFTWARE
from RADIODETECTION

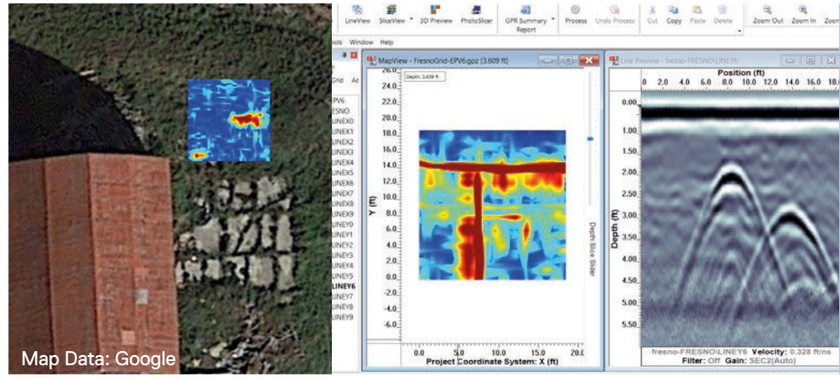
Ground Penetrating Radar (GPR) is used in many industries around the world including utility locating, construction, engineering, road and building maintenance, law enforcement, mining, archaeology, UXO detection, geophysics and environmental assessment projects.

Ground Penetrating Radar's ability to locate both metallic and non-metallic utilities, like plastic, PVC and concrete, make it an especially valuable tool for many users.

We provide practical and effective Ground Penetrating Radar hardware, software and training solutions that empower our customers to make informed decisions.

Ground Penetrating Radar (GPR)

GPR Technology is used to map structures and find features buried in the ground, with the ability to overlay those maps onto geographical maps. Metallic and non-metallic objects can be located and traced in soil, rock, rubble, pavement, concrete, water, ice and snow to create a comprehensive understanding of what lies beneath the surface.



We offer application-focused GPR solutions including:

- LMX® for utility-locating
- CONQUEST®100 for concrete scanning
- NOGGIN® for archaeology & geotechnical engineering
- pulseEKKO® for advanced surveys & research
- IceMap™ for measuring ice thickness
- Rescue Radar™ for Search & Rescue Operations
- EKKO_Project™ GPR software
- GPR-SG - GNSS positioning for LMX, NOGGIN and pulseEKKO

SCHONSTEDT®
from RADIODETECTION

Schonstedt has been leading the way in magnetometer technology for over 70 years.

Schonstedt is a worldwide leader in designing and manufacturing Magnetic Locators. Using innovative HeliFlux® dual-sensor technology, Schonstedt Magnetic Locators detect the magnetic fields present from any buried iron object.

Schonstedt Pipe & Cable Locators have been setting the standard for reliability and dependability in locating buried utilities – water pipes, sewer pipes, cable, electrical lines, and gas – quickly and easily.

Schonstedt Magnetic Locators

Schonstedt Magnetic Locators are used by land surveyors, utility departments, municipalities and contractors to accurately and quickly detect ferrous metal (iron) objects up to 18' (6m) below ground.

Maggie®

- Highest Sensitivity
- Ergonomic & Durable
- Dust & Water Resistant (Rated IP54)
- Easy access battery removal
- HeliFlux sensors

Spot

- High Sensitivity
- Ergonomic & Durable
- Dust & Water Resistant (Rated IP54)
- Easy access battery removal
- HeliFlux sensors

GA-52Cx

- High Sensitivity with 5 Levels
- Audio Output
- No response to aluminum, brass, or copper
- HeliFlux sensors
- Modular construction; high performance components

GA-72Cd

- Audio & Visual Output
- Battery & Sensitivity Indicators
- Choice of Two Audio Modes: Peak or Null response
- 4 Levels of Sensitivity
- Most Popular for UXO and Demining Applications
- HeliFlux sensors

GA-92Xtd

- Most portable
- Smallest for easy storage
- Membrane Switch for single-handed operation
- Easy access battery removal
- Audio & Visual Output
- HeliFlux sensors

Photo credit: United Nations Mine Action Service

Schonstedt Pipe & Cable Detectors

Schonstedt Pipe & Cable Detectors detect and trace the path of buried pipes and cables.

Rex

- Ultralight Design:
  Receiver + Transmitter = Under 7lbs
- Compact & Portable:
  Receiver retracts for easy carrying
- Multi-Frequency Versatility:
  512 Hz, 33 kHz and 82 kHz, plus 50 / 60 Hz passive and 512 Hz sonde detection
- Transmitter comes equipped with rechargeable batteries

u-LOCATE™ Pipe & Cable Locator

- Avoid hitting or damaging buried utilities
- Robust locator, designed for all types of weather and environments
- Easy to use, right when you need it
- Discriminates between utilities and other buried materials – locate the utility you want

DIELECTRIC
from RADIODETECTION

The Dielectric range of products is designed for dry air pressurization. With over 60 years experience, the Dielectric Range has refined its technology to provide trouble-free and environmentally friendly dryers.

Dry Air Cable Pressurisation Systems

Protecting and monitoring buried telecommunication and data transmission infrastructure

Dry air processing and injection systems for multicore telecom cables prevent damage from moisture ingress and improve performance in applications such as:

- Broadcast radio and TV
- Aviation and Naval applications
- Industrial processes where low humidity is critical

RADIODETECTION®

Thank you for your attention!

Discover Radiodetection:

www.radiodetection.com/our-brands

For more information

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