

RADIODETECTION®

RD Map+™



Locate and
map buried
utilities in
a single
operation



Know what's below.
Call before you dig.

SPX
TECHNOLOGIES

Mapping made easy

Radiodetection and Trimble have collaborated to create an easy to use solution for standard locator equipment

- Can be used with most Precision locators
- No complex setup
- Locate and map in one single operation
- Easily share survey maps from the field



Trimble® Catalyst™ DA2 receiver

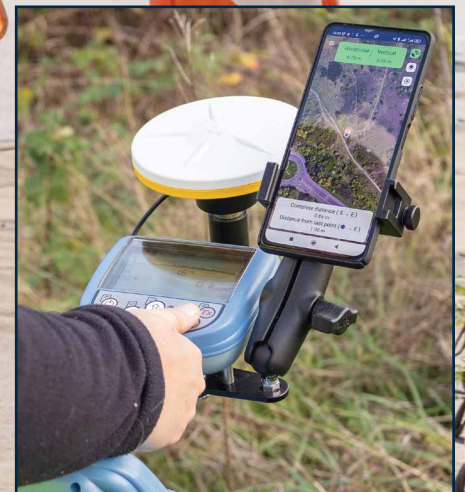
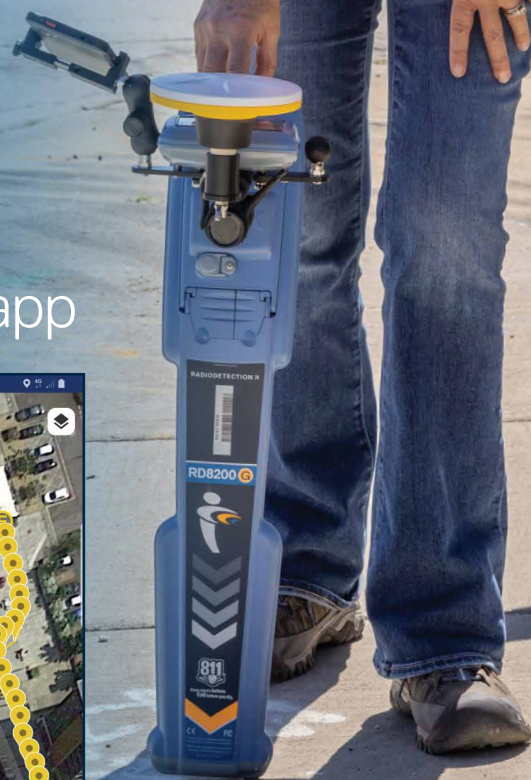
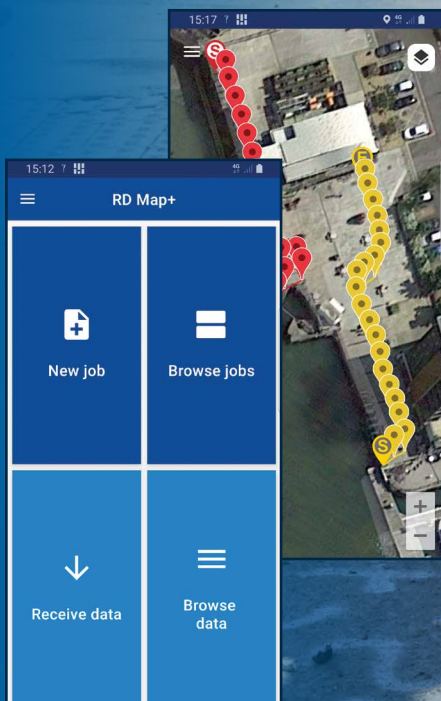
Scalable and
flexible accuracy

- Multi-band (L1, L2, and L5) GNSS antenna
- Scalable accuracy, down to centimeter level
- Yearly or monthly subscriptions for frequent use or project specific jobs
- On-demand hours for more infrequent use

RD Map™+

Android™

Map&Share™ app



- Real-time maps with target accuracy indicator
- Add measurements directly from the locator
- Records all significant utility measurements
- Easy correction of position inaccuracy



Features

Retrofit or upgrade bundle

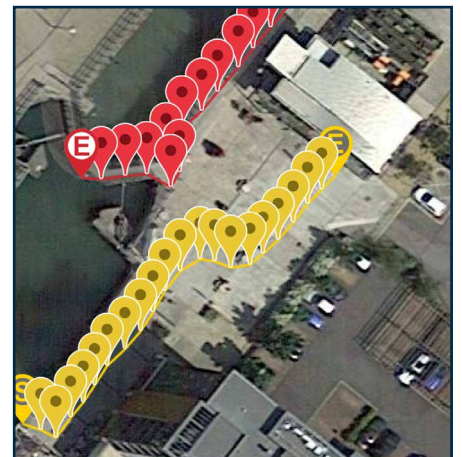
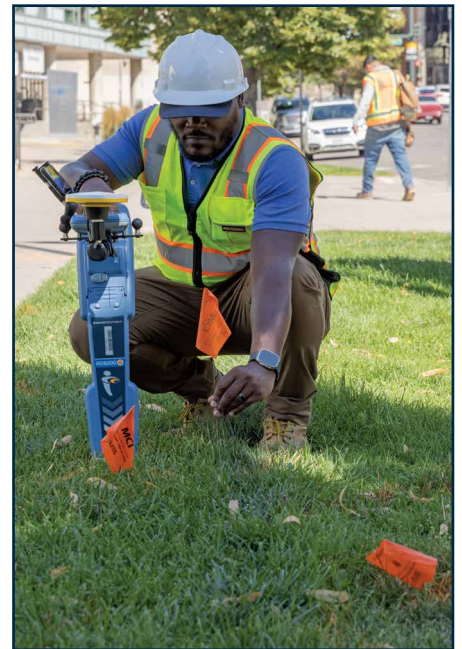
- Catalyst DA2 antenna and phone bracket are attached and removed in seconds, with no need for tools
- Compatible with Precision locators featuring Bluetooth® wireless technology
- Ensure GNSS antenna alignment with the utility
- Hold and operate the equipment with one hand

Simple adoption

- No extra training needed
- Integrates with most field workflows
- Intuitive UI, inbuilt manual and customer support
- Share maps easily in csv, kml or shp format

Additional metrics

- Distance walked and from previous point for consistent results
- Real-time accuracy feedback
- Radius tool to check distance from other assets or nearby features
- Record and output up to 4 GNSS sources (phone, locator, DA2 and manually corrected points)



RD Map+

RD Map+ Feature	Premium License
OS compatibility	Android 11 or greater
CPU requirements	Minimum: Snapdragon 7 series or better (e.g. Snapdragon 710, Eyonox 9116) Recommended: Snapdragon series 8 or better (e.g. Snapdragon 820, Helio G80)
Compatible with RD8200 (no support for SG model) RD8100 (All) and RD7100 MRX models	✓
Single utility Job	✓
Google maps interface	✓
Phone or locator GNSS source	✓
KML and CSV output	✓
Share option (mail, drive, etc.)	✓
On screen distanced walked	✓
Built in support request	✓
Built in manual	✓
Multi utility Job	✓
Trimble Catalyst integration	✓
Generic 3rd party Ext GNSS	✓
Ext GNSS points to locator	✓
SHP file output	✓
Phone support	✓

Catalyst Subscription options

Subscription	VRS Now or NTRIP	RTX
Catalyst 1/On Demand hours	1cm	<2cm*
Catalyst 10	10cm	10cm
Catalyst 30	30cm	30cm
Catalyst 60	60cm	60cm

*Position lock within 1 minute in the USA

Ordering information

RD Map and Catalyst DA2 Kit	Part Number
Catalyst DA2, USB power pack, phone and antenna holder kit and 1 year single RD Map+ license.	10/RDMAP+CATALYST-DA2-KIT
Extra RD Map+ yearly subscription. Can be requested from the app directly.	10/RDMAP+LICENSE-Y
Catalyst Annual or Monthly Subscription (12 month expiry).	10/CATALYST-XX-Z (XX = 01, 10, 30 or 60, Z = Y Yearly or M Monthly)
Catalyst 1 On Demand Hours (12 month expiry) Sold as pack of 10,100, 1,000, 10,000, 25,000 hours. Can be shared across a pool of resources.	10/CATALYST-OD-XX (XX = 10, 100, 1K, 10K or 25K)



About Trimble

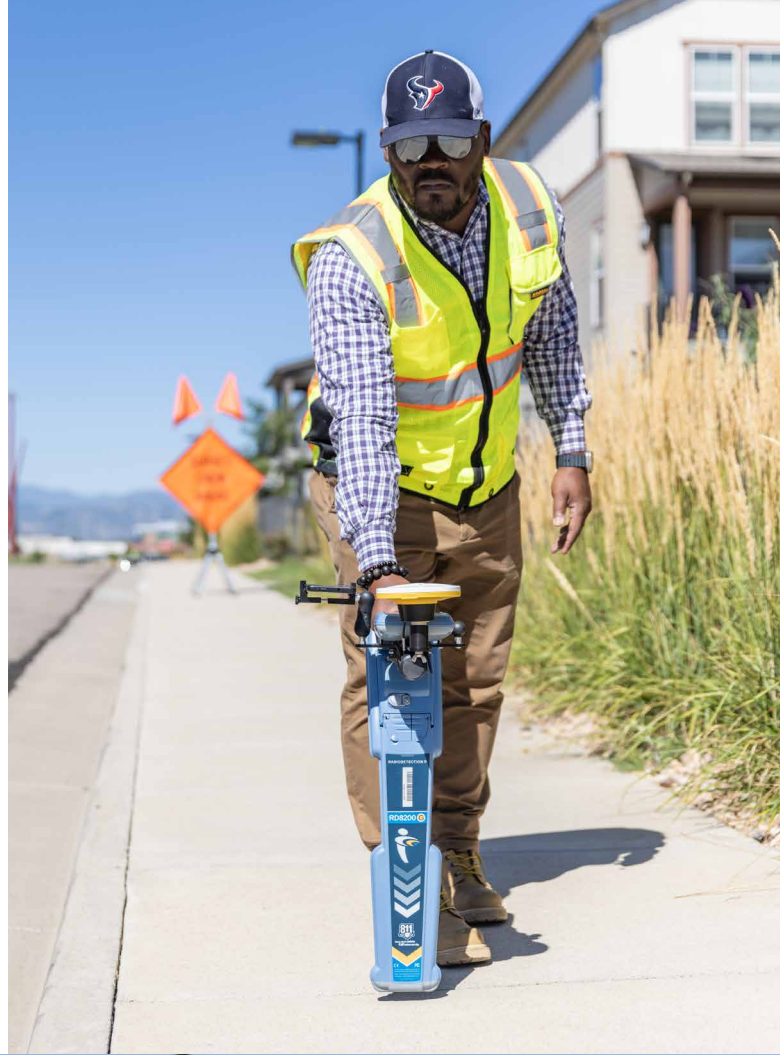
Trimble Geospatial provides solutions that facilitate high-quality, productive workflows and information exchange, driving value for a global and diverse customer base of surveyors, engineering and GIS service companies, governments, utilities and transportation authorities. Trimble's innovative technologies include integrated sensors, field applications, real-time communications and office software for processing, modeling and data analytics.

Using Trimble solutions, organizations can capture the most accurate spatial data and transform it into intelligence to deliver increased productivity and improved decision-making. Whether enabling more efficient use of natural resources or enhancing the performance and lifecycle of civil infrastructure, timely and reliable geospatial information is at the core of Trimble's solutions to transform the way work is done.





Flexibility is at the heart of our mapping solutions, allowing customers to choose the solution that is most suitable for their business. We offer turnkey solutions for those new to the world of utility mapping, while utility mapping experts can connect into their advanced systems.



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

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