

OVERVIEW



## THE RFID INFRASTRUCTURE MARKING SYSTEM

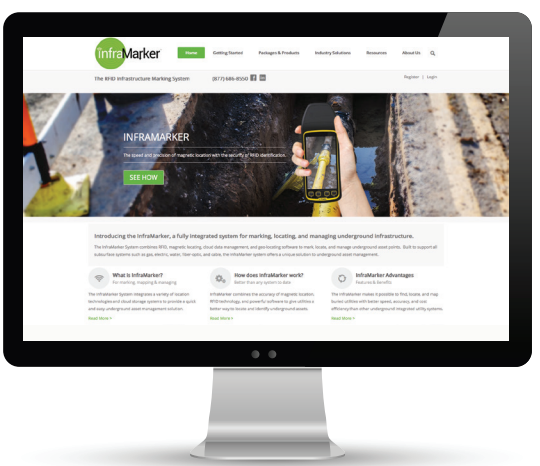


### FAST AND SECURE - RFID MARKING AND LOCATION SERVICES MADE EASY

The InfraMarker System combines RFID enabled magnetic tags, UHF readers, cloud data management services, geo-locating software to mark, locate, and manage underground assets. Built to support all subsurface systems such as gas, electric, sewer, water, fiber-optic, and cable, or virtually any kind of facility asset, the InfraMarker System offers a unique solution to underground and above ground asset management.

Marking underground assets is easier, faster and more reliable than ever. The InfraMarker System offers:

- Small, light-weight UHF readers
- Single frequency to read & write tags
- Unlimited cloud data storage & access
- Secured, multi-level access
- Free smartphone app



Simply place the RFID tag over, or an offset distance from, the underground asset to be marked. Write the attribute data to the tag using the InfraMarker reader and your android smartphone. Cover the asset with backfill. That's it!

InfraMarker UHF readers are lighter and easier to use than comparable underground marking systems. We combine GPS, visual identification, magnetic locating, and RFID reading to provide the fastest and most reliable RFID locating system in operation today.

Managing your asset data is faster and more useful too. Asset data can be written to the tag in the office or in the field. The data is automatically uploaded to the InfraMarker cloud and immediately available to authorized users to view or edit. They can also append digital files such as images, videos, work orders, as-built or construction drawings, or operation manuals to the asset points. The InfraMarker 3-level data management system balances privacy and transparency while offering an almost unlimited amount of information to be assigned to the asset record. InfraMarker asset data is also easily exported into text files for inclusion in other applications or reports.

In the field or in the office, InfraMarker will manage your underground assets quickly and easily. Whether you're a utility with thousands of assets, or a facility manager for an airport, hospital, university campus, shopping mall, recreation resort, or golf course, let InfraMarker manage your underground and above ground assets!





## THE INFRAMARKER SYSTEM

The InfraMarker System consists of basic, easy-to-use equipment and software.

### InfraMarker RFID Reader

InfraMarker offers two options for reading and writing InfraMarker tags.

- The InfraMarker UHF Reader – This unit operates in tandem with an Android Smartphone (recommended Samsung S4 or S5) to deliver reliable reads in more difficult or deeper placements.
- Trimble Juno T41 XRG IP68 Android OS with pre-loaded InfraMarker software.



### Magnetic Locator

InfraMarker recommends the Schonstedt GA-92XTd Magnetic Locator w/Polarity Display, Holster & Case. The Schonstedt unit precisely locates the magnet on the underground InfraMarker tag for easy identification.

### InfraMarker-Enabled RFID Tags

#### • Underground Markers

InfraMarker underground RFID tags are Omni manufactured passive, Class 1 Gen 2 standard tags, with attached stainless steel backing plates and magnets (patent pending). The tags have been selected and tested by InfraMarker to deliver the best performance for underground reading using the InfraMarker UHF reader. The magnets and magnetic locator expedite the process of identifying the location of the tag. The tags are available in a variety of sizes and shapes for various applications.

#### • Above Ground Markers

These markers have been rigorously field tested and are commonly used throughout the world to mark underground utilities. When enabled with an InfraMarker RFID tag, these posts and markers can be read and written to using InfraMarker software.

- InfraMarker-enabled – Carsonite Posts
- InfraMarker-enabled – Damage Prevention Markers
- InfraMarker-enabled – Storm Drain Markers
- InfraMarker-enabled – Soil Markers



## GETTING STARTED IS EASY!

To learn more about InfraMarker, visit our website: [www.inframarker.com](http://www.inframarker.com)

At the website you can:

- View a video that demonstrates how InfraMarker works
- Register for a LIVE demonstration
- Contact our experts to see how InfraMarker will benefit you!