GAO RFID Inc.

A Top 10 Global RFID Supplier

Toronto, Canada

New York City, U.S.

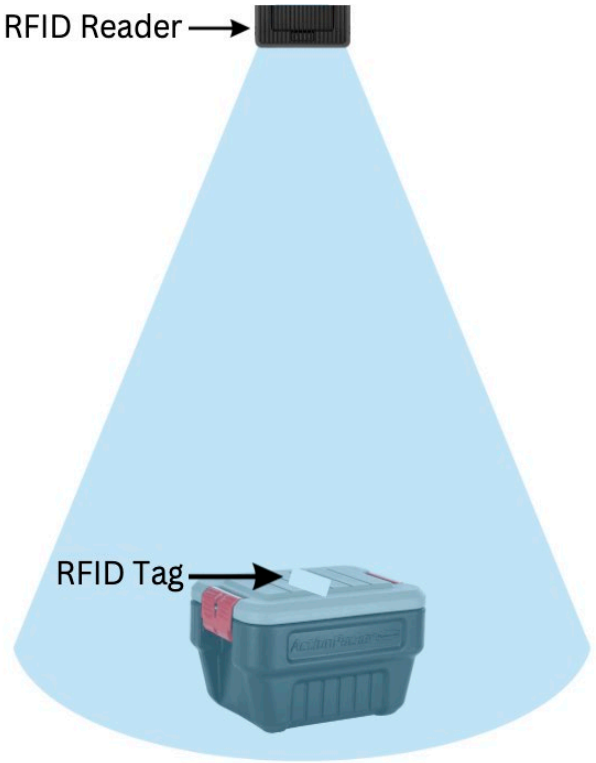
Asset Tracking Using UHF RFID

UHF (Ultra High Frequency) RFID – EPC Gen 2

- Reading distance: up to 60 feet (20 meters).
- No line of sight required.
- Long-life tags due to battery less.
- Resistant to dust, oil, scratches etc.
- Superior to the barcode, LF & HF RFID for many applications.

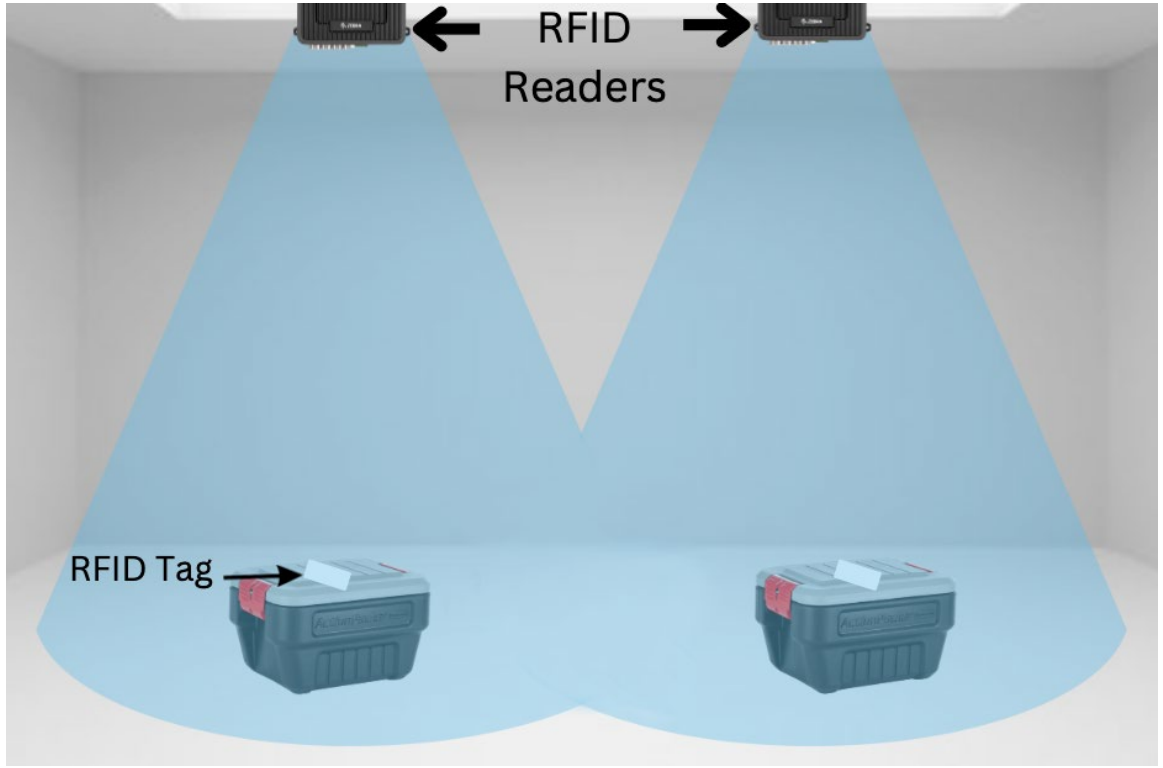
Zone by A Fixed Reader

A zone is defined by a fixed RFID reader from the top:



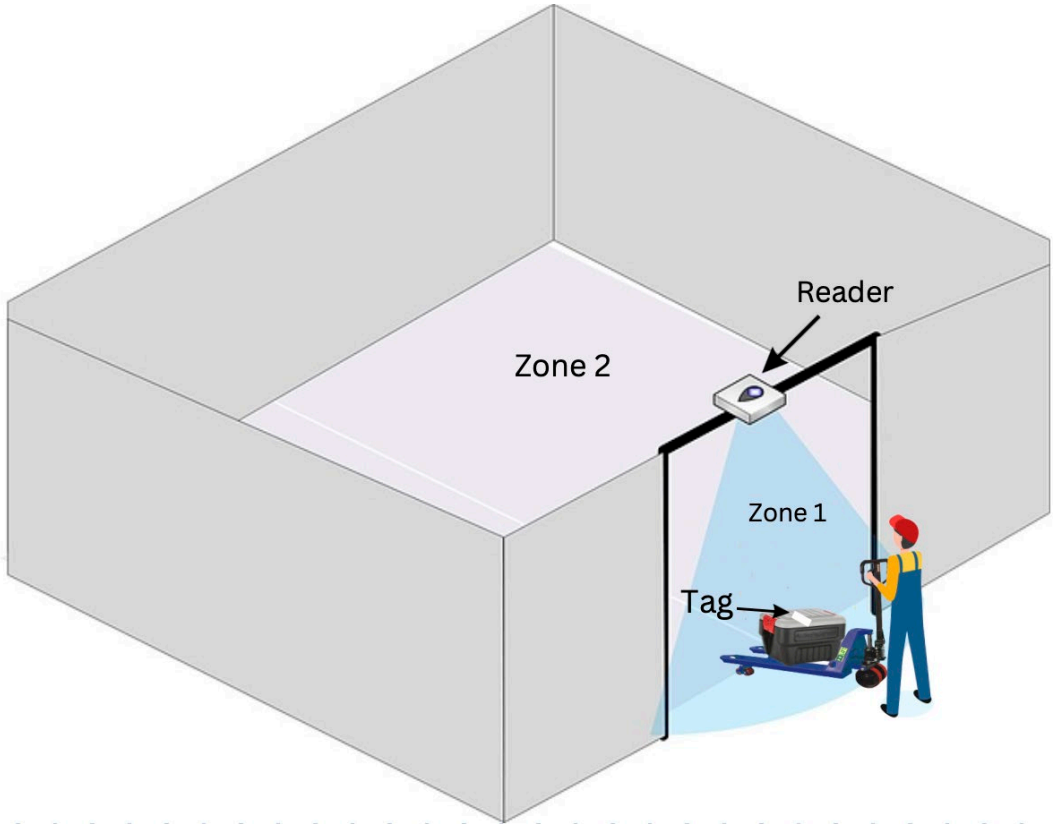
Zone by 2 Readers

A zone is defined by 2 fixed readers from the top:



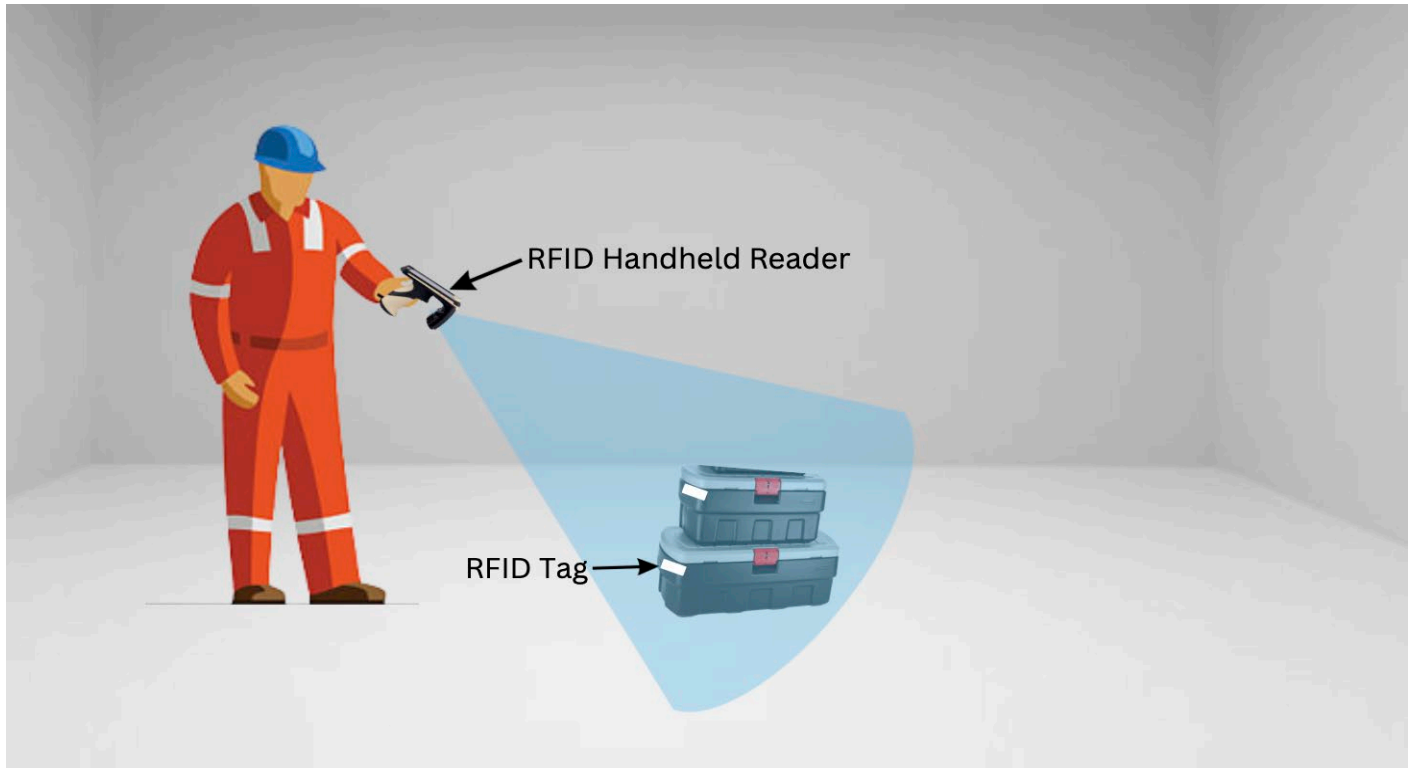
Zone by a Reader & Barriers

A zone is defined by a fixed reader as well as the physical barriers, namely walls in this case:

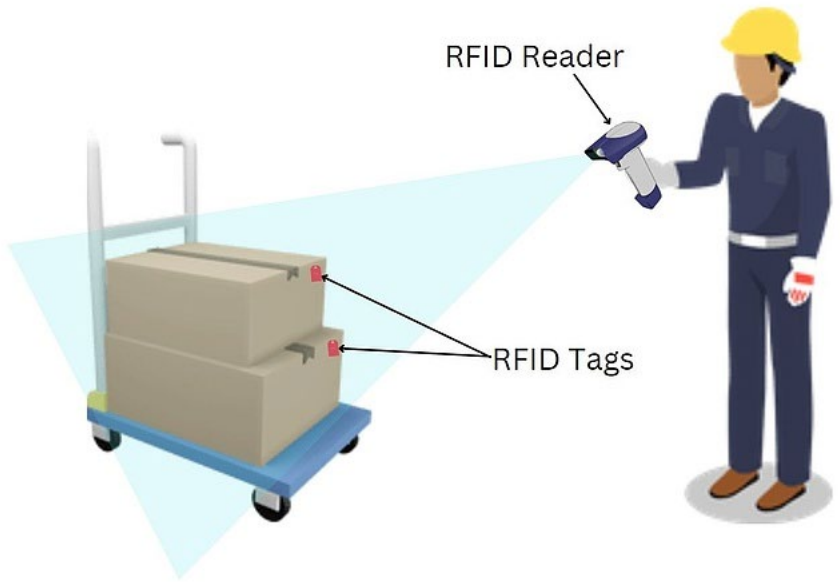


Zone by a Handheld Reader

A zone is defined by a handheld reader:



Zone by a Handheld Reader



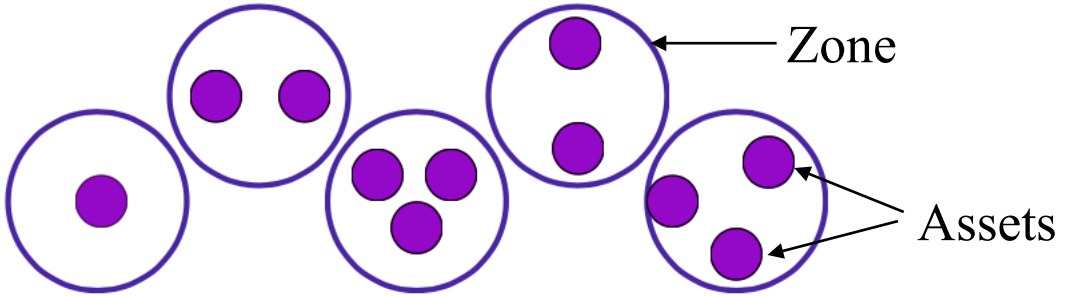
Tracking Based on Zones

- When a piece of asset is in a zone, the RFID tag on the asset is detected by a RFID reader, hence the asset is identified or tracked.

- Time stamps and location (zones) can be recorded by the system.

Tracking Movements of Assets

- The movement of the assets can be shown on the map of zones.
- Alerts, sirens, messages, or warnings can be generated.



Operations Steps

RFID Tags

- Issue labels, anti-metal tags or other RFID tags to assets to be tracked
- Enter, into the database, the ID of the RFID tag of each asset, together with its information;

RFID Readers

- Decide on zones where the assets need to be tracked;
- Install RFID readers to define such zones

Software & System

- Connect with the RFID readers with GAO Asset Tracking Software running on a cloud or on a server

Why GAO RFID Inc.

Founded & managed by experts with Ph.D. & M.Sc. from top universities

Ranked as one of the top 10 global leaders in RFID.

Celebrates 3 decades of innovations

Offers the largest selection of RFID & BLE readers, tags, & systems.

More than 11,000 RFID deployments in a wide range of industries.

Based in New York City and Toronto.

Delivers overnight within continental U.S. & Canada.