# FIXED ASSET TAGGING

## What is Asset Tagging?

The process of affixing tags on assets to identifying them individually and track their data from real-time location to maintenance history. These tags are assigned to both assets, fixed and moveable, which are spread across sites and warehouses. This enables businesses to achieve a comprehensive view of all their owned assets. Asset tags gives us a wide range of data tracking possibilities specially when used along with a computerized system such as Asset Tracking Software.

Data that can be collected by an Asset Tracking Software include:

- Real-time location
- Users
- Purchase history
- Maintenance schedules
- Depreciation value

## The Importance of Asset Tagging

- It's easier to track usage, repair, and maintenance actions.
- Saves time on looking for equipment data and history.
- Simplifies precise data collection, to determine which its lifetime stage, evaluate the condition and criticality.
- Because the data is so reliable, it helps make accurate and better-informed decisions.
- When it's part of an integrated maintenance strategy. It promotes timely preventive maintenance actions.
- All pieces of equipment are identified and some technologies work remotely, it can help prevent theft.

### In this Article

## What are different types of Asset Tagging

1. **Simple Barcode:** a simple and quick option, but one that requires a stand-alone database. This makes access to information more difficult.
2. **RFID Barcodes:** These are complex compared to others, as the code on these tags are linked to a radio signal, which makes them work as a "chip", and can be integrated with GPS technology. RFID does data collection in real time, and makes them more safer and reliable. RFID barcodes can be read for a long range so they ideal for less accessible assets.
3. **NFC Tags**: These tags let you register data in real-tome and access it quickly (tags can contain only the ID, and redirect to a cloud-based software). You can use these devices from your smart phone as they don't require any new devices. However, they only work in relatively short distances ( a few centimeters), and you have to purchase tags with specific features for outdoor use.
4. **QR Codes** – Just like NFC these can be read with your smartphone and they are completely visible, which can be a disadvantage with certain assets.