



# ARIN Technologies

## ARIN Track and Trace System

**Helping to improve productivity and efficiency in your plants**

### ARIN Track and Trace Benefits

Reduce lost material in plant:

- Work in Progress
- Tools
- Finished Goods

Increase Operating Margins

Improves worker morale

Very easy to install, no network wiring required

Scalable from small area to millions of square feet

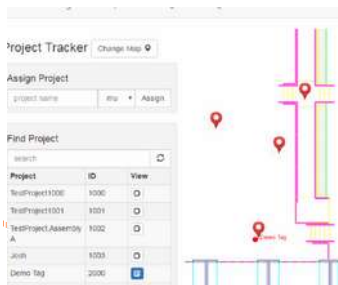
Easily integrated into existing MES and ERP systems with cloud based API's

### SYSTEM CAPABILITIES

#### FIND ASSETS

Help machine operators to find tools and WIP when it is needed without wasting time

**Very intuitive browser Based interface**



#### PROCESS IMPROVEMENT

Create accurate spaghetti diagrams to aid process improvement activities

**Create diagrams based on different criteria**



#### EASY TO INSTALL AND USE

##### **anchors**

Attach anchors as high as possible to roof trusses or columns  
No networking required

##### **Tags**

Tags are attached temporarily or permanently to asset to be tracked.  
The small form factor of tags allows use in many different applications

##### **Cloud based analytics**

System can be implemented quickly  
And integrated into ERP and MES Systems through RestFUL API's

## TECHNICAL SPECIFICATIONS

	ANCHOR	TAG
Electrical, Voltage	5V	3.7V Lithium or 3x 1.5V AA
Current Draw	1.5A	180mA at 3.7V - transmit
Size	5.25"x3.75"x1.97" 133.35x95.25x50.04 mm	3.05"x2.05"x0.6" 78 x 52 x 15 mm
Other capabilities	Integrated WiFi, BLE PoE and 10/100Ethernet	Integrated BLE
Weight	4oz/100 grams	2oz / 50 grams

## INSTALLATION PROCEDURE



### ANCHOR INSTALLATION

Attach the anchors to columns or roof trusses so they are not obstructed by other metal objects. Use the configuration software to define as many anchor parameters as possible. Start calibration process so Anchors can determine configuration parameters and be ready to start positioning

### TAG INSTALLATION

Tags can be attached to WIP, tools or other assets. Tags can be rechargeable or single use. Tags are permanently attached to carts or bins that are currently tracked through the existing systems. Temporary attachment can be designed as required.

### TRACK AND TRACE SOFTWARE

The Track and Trace software is cloud based to allow extreme flexibility to our users. Position information for Tracked assets can be viewed on a map in a browser or can be integrated into a MES/ERP system. Geography based actions can easily be set up and executed. Track and Trace software is modular and All of its capabilities are available through RestFUL API's

