**What is it? Where is it? When is it?**

Large organizations always face challenges of effectively tracking of assets with real time reporting, it cost a lot of redundancies, expenditures and labor but the result is still not accurate and on time, a reliable, automated asset management system is highly needed to improve it;

**Technology evolution- id palte to RFID**

To solve the problem, traditional way is to use normal label or nameplate to manage assets, this system allowed personnel to more easily identify key items. Of course, one still had to read them individually, and human error in data capture limited effectiveness.

Nowadays, general bar code automated the process and allowed people to scan individual items using a handheld scanner, however it still wastes time due to one by one visual scanning, RFID is the next generation of technology and allows users to scan multiple items at one time and does not require line of sight. Unlike bar codes, RFID enable personnel to locate tagged items without climbing ladders, crawling under desks, or having to be in direct line of sight.

**Benefits of rfid asset management system**

By deploying RFID system, benefits are recognized across many departments:

* **Accounting & Finance**: enable true cost control and audit-proof inventory. Improve asset accounting with customized and ad hoc reports of asset locations, trends, status, and history.
* **IT**: support life cycle management and scale more efficiently
* **Facilities & Security**: protect critical information on devices
* **Operations**: Quickly locate critical equipment and achieve real-time physical asset inventory.

Overall, Organizations will be benefit on:

* Achieve real-time physical inventory of assets to reduce asset loss
* Enhance productivity by remotely monitoring assets and infrastructure
* Optimize inventory and new assets purchasing to save cost;
* Improve security by preventing assets from leaving premises and keeping designated assets out of unauthorized areas
* Whole life cycle management to optimize asset usage
* Deliver more timely and transition information for decision making

**ApplicationS**

The solution is utilized used by public and private organizations to solve complex asset management challenges, including the areas of:

* IT asset tracking
* Data center asset tracking
* Healthcare asset tracking
* Oil & gas and utilities
* Public sectory / state and federal agency asset management
* Education assets tracking
* Law enforcement asset tracking

**Crepak tag solution for asset management**

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| --- | --- |
| C:\Users\Crystal\AppData\Local\Microsoft\Windows\INetCache\Content.Word\ePlate mini.jpg | **ePlate**  Idea Tag for all kinds of asset track, like Oil&Gas, Power plant, state grid, Aviation, Tag can be mounted by screw, rivet or welding; |
|  | **Tumbler 50**  Idea Tag for outdoor asset management, like machines and equipments in manufacturing plants; |
|  | **Saber 50**  Idea Tag for indoor asset management, up to 8 meters reader range, can be used to track IT and data center assets; |
|  | **Saber 40**  Idea Tag for indoor asset management, compact size, adapted for small size assets like laptop, server, printer, etc; |

**SUCCESSFUL CASES**

Huawei lab assets management

Intel production line high value assets track

CRCC locomotive key components track