



Cloud-based Intelligent Asset Monitoring System

The E Sentry Connect™ is a next generation intuitive asset information tagging system. The E Sentry Connect system utilizes Near Field Communication (NFC) contactless Smart Card technology that enables smart phone devices with NFC to easily access critical data relating to the equipment being inspected. It also saves up-to-date inspection data directly to the asset's E Sentry Connect tag via a free App from IRISS. The E Sentry Connect system has been designed to be operated on 2 platforms: a standalone system or a subscription based cloud system allowing historical data back-up and complete access to the current status of all assets utilizing E Sentry Connect tags.

Review & Analyze Maintenance Data Trends

All historical data from the inspections recorded to the E Sentry Connect Tag are uploaded to the cloud and plotted in trend graphs for future reference. This data can be used by administrators to manage and even predict when assets may require maintenance or to deploy online monitoring systems. Multiple data sets can be recorded to the same tag: temperature, pressure, decibels etc. This facilitates multiple Condition Based Maintenance (CBM) inspections data collection with a single tag.

Features



Trigger and Record Alarm Conditions



Designate and Manage Users



Generate Custom Reports



Build and Assign Inspection Routes



Review & Analyze Maintenance Data Trends



Send and Receive Notifications

Specifications

General Specifications	
Phone and Web Application	
Phone Application Compatibility	Android
Phone Application Requirements	Android 4.4 and up
E Sentry Connect Cloud Browser Compatibility	Google Chrome and FireFox

Screenshots

Dashboard

Favorite Tags

Description ↓	Site	Latest Check-in	Alarm
NTAG213 30mm stickers	unspecified	2018-03-27 15:22	None
NTAG213 25mm	Impact Centre	2017-12-23 23:39	None
NTAG213 20mm , copper antenna	Impact Centre	2016-10-19 15:30	None
1000 mAh Lion Battery	unspecified	2017-09-15 15:57	None

REMOVE ADD

Alarmed Tags

Description ↓	Site	Date	Alarm
TappyBLE fully assembled, no enclosure	unspecified	2017-04-26 18:29	Critical
Short USB Micro Cable, 0.3M	unspecified	2017-08-08 16:21	Critical
NTAG215 30mm	unspecified	2016-12-09 13:23	Critical
Li-ion 1200 mAh LP503562	unspecified	2017-05-11 19:50	Critical
Fully assembled TappyUSB v3, no enclosure	unspecified	2017-08-25 13:37	Medium

Monitoring



Assigned Routes

Show: Active Completed All

Name ↑	Employee	Time Assigned
3Dtac Inventory	Bassam Khadori	2016-05-11 15:10
Inventory Audit Route	David Shalaby	2016-03-03 17:31
Latvian Potato	David Shalaby	2018-03-27 15:20

E Sentry Connect Home Dashboard

Check-ins

Columns Shown

Show latest Check-ins

- Show Alarm
- Show Description
- Show Date
- Show User
- Show Site
- Show Building
- Show Location
- Show Inspection Point ID
- Show Measurement
- Show Alarm Level

Alarm State	Description	Date/Time ↓	User	Site	Building	Location	Measurement
No Alarm	TS-TEST-05	2018-08-10 14:34	Martin Robinson				0
Medium Alarm	DK-01-Transformer-01	2018-07-18 19:03	Martin Robinson	IRISS	Main Building	Plant Room 1	95
Low Alarm	DK-01-Transformer-01	2018-07-18 19:02	Martin Robinson	IRISS	Main Building	Plant Room 1	86
No Alarm	DK-01-Transformer-01	2018-07-17 18:21	Martin Robinson	IRISS	Main Building	Plant Room 1	85
No Alarm	DK-01-Transformer-01	2018-07-17 13:52	Martin Robinson	IRISS	Main Building	Plant Room 1	85
No Alarm	DK-02-Misc	2018-07-17 07:48	David Smith	IRISS	Main Building	Plant Room 2	88

E Sentry Connect Check-ins Dashboard

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