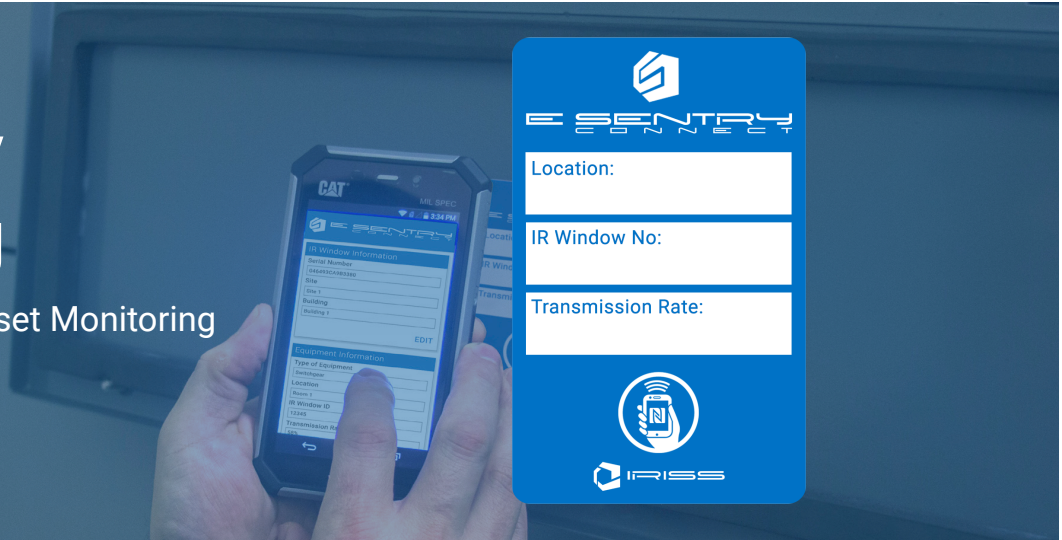


The E Sentry Connect Tag

Cloud-based Intelligent Asset Monitoring System



The E Sentry Connect™ is our next generation intuitive asset information tagging system. The E Sentry Connect system utilizes Near Field Communication (NFC) contactless Smart Card technology that allows 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 assets 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 Temperature 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 temperature monitoring systems. Multiple data sets can be recorded to the same tag - for instance temperature, pressure, decibels etc. This facilitates multiple CBM inspections data collection with a single tag.

Trigger and Record Alarm Conditions

Alarms triggered by the E Sentry Connect App are immediately transmitted to the system administrators and designated users to ensure that resources are immediately assigned to bring the asset back online as quickly as possible.

Features

-  Accessible Through App
-  Record Inspection & Equipment Data
-  Trigger Alarm Notifications
-  Create & Manage Users
-  Generate Custom Reports
-  Create Inspection Routes
-  Generate Trend Graphs
-  Inspection Notifications

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Specifications

Model	ESIR
General Specifications	
NFC Chip	NXP DESFire EV1 8K
Read Distance	0.5 to 1cm
Operating Frequency	13.56 MHz
Memory Capacity	8 kB
Inspection Details Field Capacity	4000 Characters
Units of Measure	°F, °C, Mm/s, dB, ft-lb, Nm, RH, pC, mV, V
Voice to Text Compatible	Yes
Operating Mode	Passive
Data Retention	10 Years
Write Endurance	500,000 Cycles
Material	PVC
Adhesive	3M 467MP (High-Performance Acrylic)
Release Liner	Polycoated Kraft Paper
Metal Isolation Layer	Ferrite
Environmental Specifications	
Operating Temperature (installed)	-40°C (-40°F) to 70°C (158°F)
Maximum Temperature	204°C (399°F) (exposed for a few hours)
Relative Humidity (installed)	90%
Dimension Specifications	
Dimensions	85.5 x 54mm (3.37 x 2.13in) (CR80)
Thickness	1.32mm (0.05in) (with release liner)
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
Other	
Warranty	12 Month Limited Warranty

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

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 LP503962	unspecified	2017-05-11 19:50	Critical
Fully assembled TappyUSB v3, no enclosure	unspecified	2017-08-25 13:37	Medium

Assigned Routes

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

Monitoring

Start Date: 5/2/2017, End Date: 5/2/2018, Unit: °C

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