



**One-Touch Inspection™**

- a game changing mobile app that utilizes the Near Field Communication (NFC) on your IS-certified smart phone or tablet to easily launch a pipeline inspection process that meets your safety and quality needs in an efficient manner.

## Pipeline App

USED WITH INTRINSICALLY SAFE ANDROID-BASED SMART PHONES OR TABLETS

READING AN ATEX ZONE 1/21 CERTIFIED NFC TAG LAUNCHES INSPECTION INSTRUCTIONS FOR A SPECIFIC LOCATION OR ASSET

TAPPING A CHECK BOX DECLARES A DEFECT

ALL TOUCH TARGETS ARE EASY-TO-TAP, EVEN WHILE WEARING GLOVES

ALL ZONES MUST BE INSPECTED BEFORE THE REPORT IS SUBMITTED

ONE-TOUCH CLASSIFIES ALL DEFECTS. MAJOR DEFECTS ARE RED AND MINOR ARE YELLOW

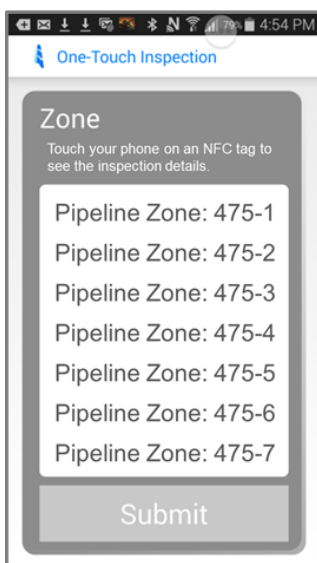
THE INSPECTION REPORT IS GENERATED AS A PDF

WEB CONSOLE SERVICES ARE PROVIDED TO ACCESS/ANALYZE THE INSPECTION HISTORY FOR ALL ASSETS

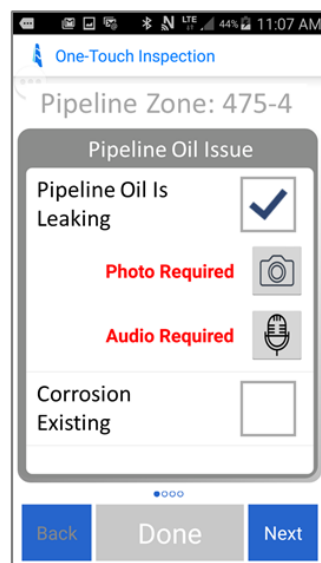
### POINTS OF DISTINCTION!

- One-Touch Inspection (OTI) is a paperless inspection system done quickly and accurately.
- Reading NFC tags validates WHO, WHERE and WHEN an inspection checklist was answered.
- The touch screen design is finger-friendly.
- Photos and audio recordings can be included as part of the inspection report for all identified defects.
- OTI sends these inspection results to HQ
- OTI is designed to serve the Oil & Gas industry by working with ATEX Zone 1/21 certified NFC tags and AIRACOM's Intrinsicly Safe smartphones and tablets

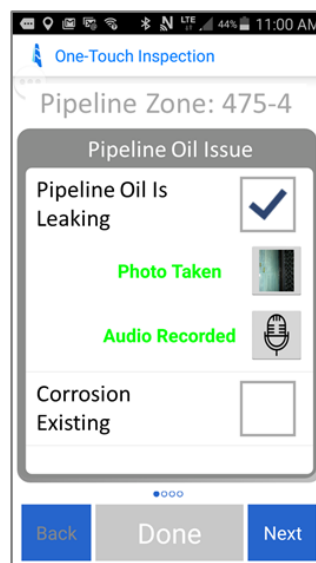
### Organize



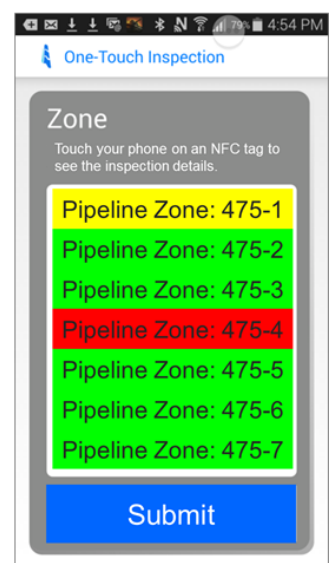
### Observe



### Record



### Report



## One-Touch Inspection FEATURES

- Any Android phone or tablet with an NFC reader is supported by One Touch Inspection (OTI).
- Login identifies your staff member as the inspector. We automatically validate WHO logs in by having them touch an NFC key fob.
- Touching a Zone tag validates WHEN & WHERE on the pipeline the inspector is, then launches the inspection questions that apply.
- When a defect is identified, it prompts the inspector to take a photo and optionally record an audio message.
- An Inspection Report submission can only happen when all zones have been visited.
- The NFC tags we use are designed for outdoor use and are certified for ATEX Zone 1/21 and Class1/Div1 hazardous areas.
- We offer the service to install your NFC tags on your pipeline and other assets, or alternatively, train your staff to do this effectively.
- The inspection can be customized to meet the customer’s jurisdictional and maintenance obligations.

## One-Touch Inspection BENEFITS

- Acquire efficiency while achieving safety.
- The learning curve in just minutes to effectively use this application.
- Get valid reports that enable you to address your safety and maintenance obligations.
- Eliminates the inaccurate nature of paper-based systems.
- OTI provides proof of when and where an inspection occurs and by whom.

## One-Touch Inspection ARCHITECTURE

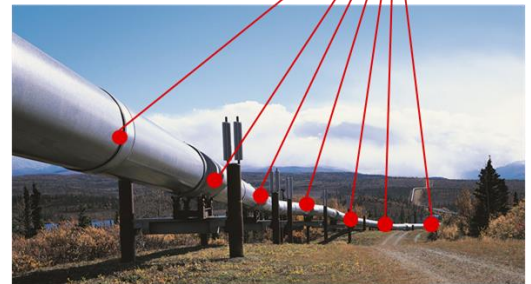
- A flexible structure to meet any type of inspection process.
- The top level holds all key attributes associated with your asset.
- An unlimited set of Zones is possible, each identified by an NFC tag.
- A multi-level question structure makes it possible to easily define the details of a defect. Photos and audio recordings can be included with any defect.

## INSPECTION METHOD

An IS-certified Android phone or tablet with an NFC reader can be used to do your inspection.

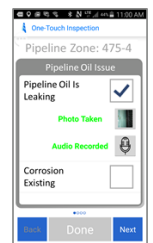


Touching the RFID tag with your smartphone electronically validates the inspection is being done and launches the checklist for this zone.



These RFID tags are placed along the pipeline to ensure all areas are inspected correctly.

When you find a defect, touch the checkbox on your touchscreen. Then take a photo and audio recording by touching the icons.



Repeat the above steps till all zones are visited.

**AIRACOM INNOVATION 2.X**  
*Ultra Rugged, Intrinsically-Safe*



**ONE-TOUCH INSPECTION™**  
*Reality Checking Inspection Software*



**TECTUS ON-METAL NFC TAG**  
*ATEX Zone 1/21 Certified, IP68*



**= 'a game changing solution'**