



HAZON Solutions[®]
Unmanned Systems at Work

UAS ROUND TABLE



HAZON Solutions®
Unmanned Systems at Work

HAZON Solutions

Veteran Owned & Operated

MISSION STATEMENT

*The mission of HAZON Solutions is to **conduct, support and develop** unmanned system operations. Our goal is to provide unmatched **quality, SAFETY and value** to our customers.*

Customer First...Safety Always!

ISO 9001:2015 ACCREDITED

- Quality Standards
- Health and Safety
- Information Security Standards
- Environmental Standards



SERVICE PROVIDER FOR MULTIPLE INDUSTRIES

Energy



Transportation



Facility Assessments



Telecommunications



PRECISION FLIGHTS

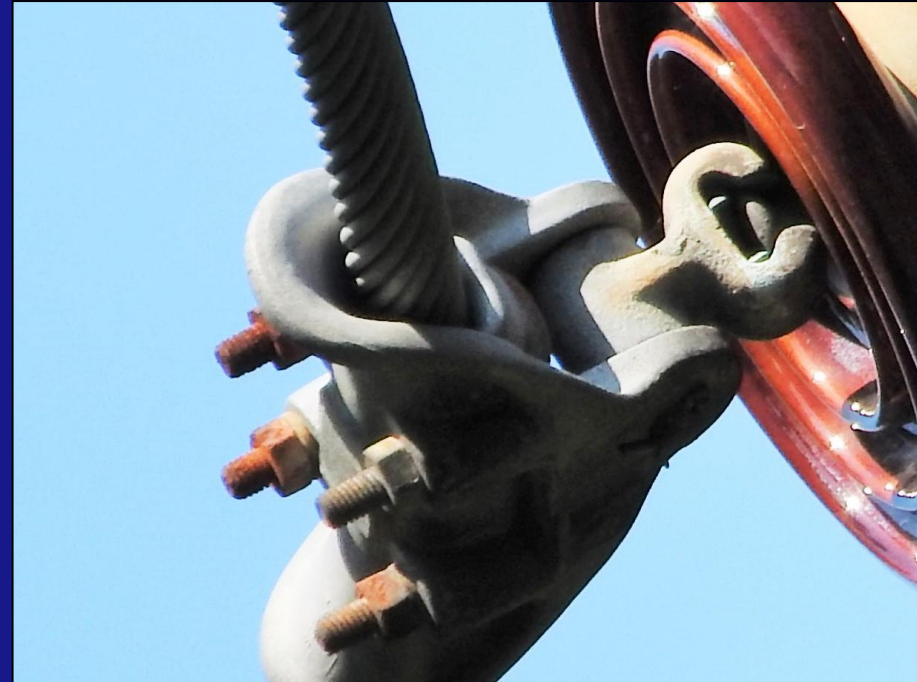
INSPECTION FLIGHTS

HAZON's focus – Safe, Effective & Efficient
UAV Operations

*Precision Inspection of Critical
Infrastructure*



INSPECTION REQUIREMENTS



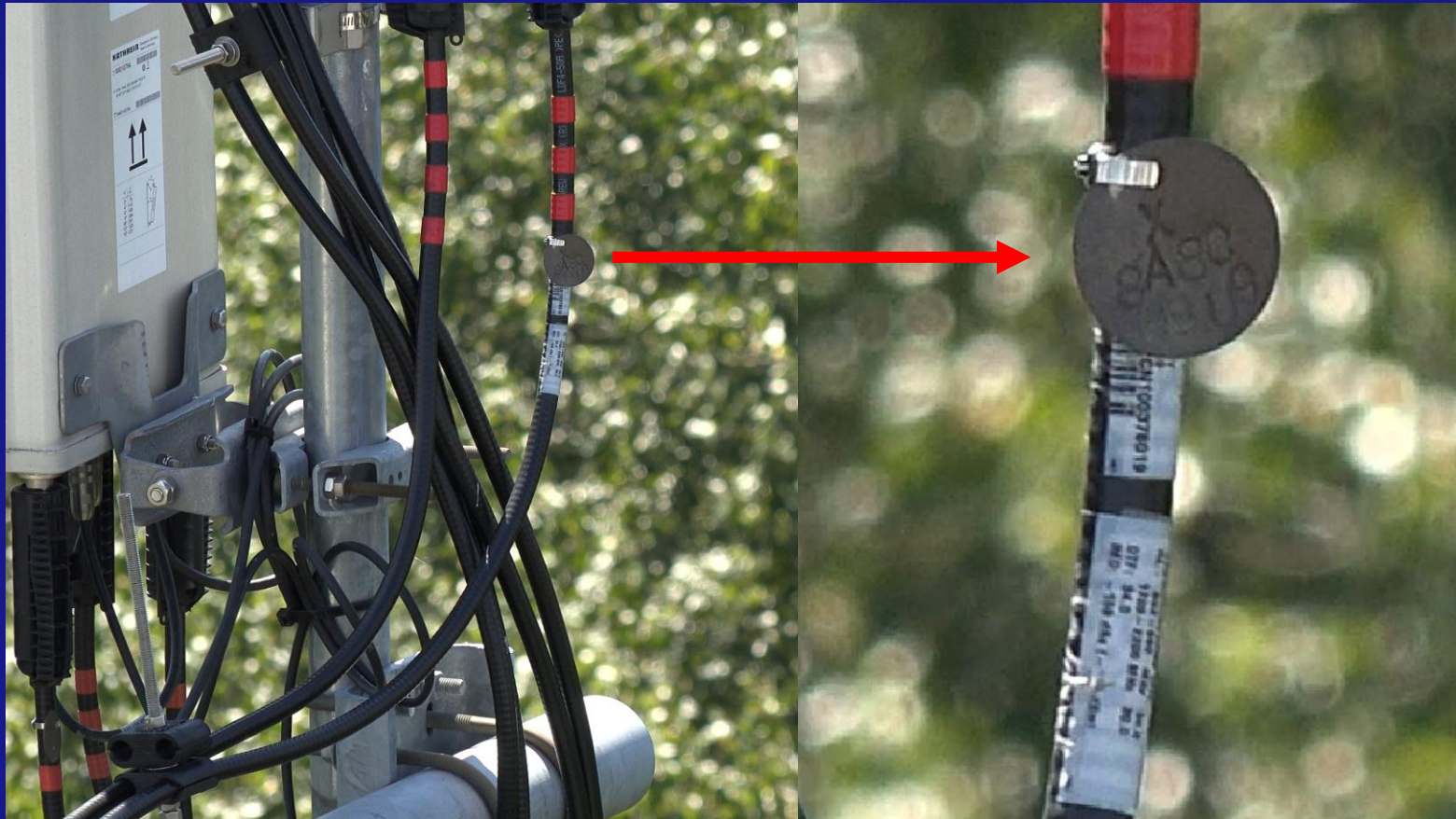
Precision HD imagery and data
Actionable Information

UNIQUE VANTAGE POINTS



INSPECTION REQUIREMENTS

- HD IMAGERY



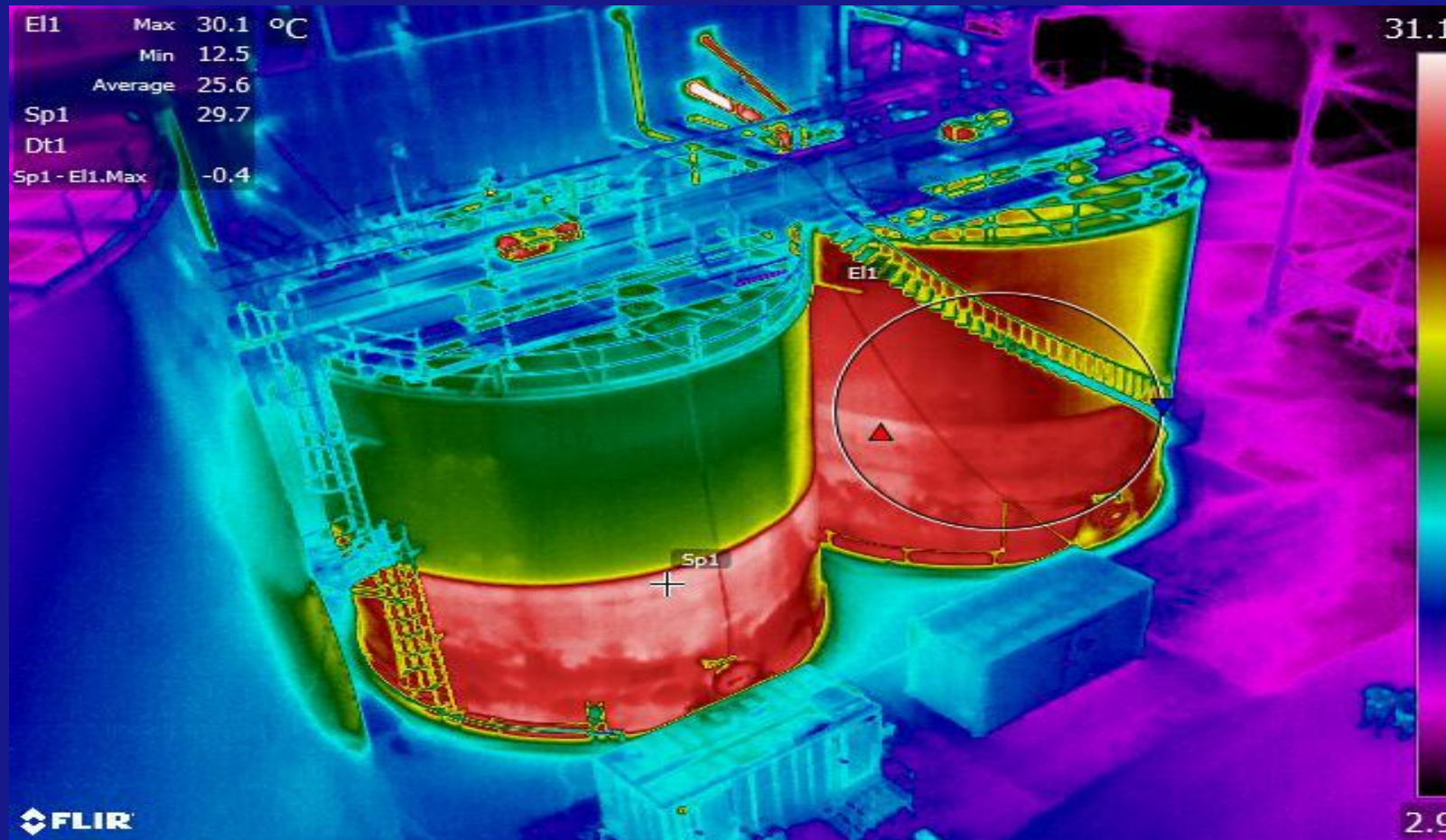
INSPECTION REQUIREMENTS

INFRARED RADIOMETRIC



INSPECTION REQUIREMENTS

ADVANCED IR SOLUTIONS



LIVE FEED VIDEO

HIGH QUALITY – 1080P



CRISIS RESPONSE

POST STORM ASSESSMENT





ENTERPRISE CAPABILITY MODELS

**Contract out
UAS Services**

Hybrid

**Contract out
complex
missions-
comprehensive
inspections**

**Basic organic
capability**

**Full organic
capability**

CAPABILITY DEVELOPMENT

ENTERPRISE CAPABILITY DEVELOPMENT



HAZON DTS: Basic Course

- Part 107
- Gnd School
- Flt Tng
- Sensor Tng
- Foundation Implementation

HAZON DTS: Adv Course

- Msn Specific
- Gnd School
- Flt Tng
- Sensor Tng
- Data Mgt

Drone Management System[™]

- Work Mgt
- Asset Mgt
- Proactive Maintenance
- SMS
- Audit Mgt
- Training

The HIVE[™]

- Data Mgt
- Actionable Info
- Secure
- Collaborative

Foundation

Company Policy - SOP, SMS, Maintenance, Recurrent Training


DRONE MANAGEMENT SYSTEM

- Software supporting drone operations
 - Safety management – Lesson Learned
 - Asset tracking
 - Operational workflow management
 - Proactive maintenance
- Either cloud based or hosted on internal company servers

DRONE MANAGEMENT SYSTEM

← → ↻ ⓘ https://hazon-dms.herokuapp.com/login

Apps Email Hazon Team Site - H Pandora Radio - L The HIVE Hazon Share With Ed Campaign Management My Dashboard - Anal DMS :: Home Other bookmarks



HAZON Solutions

Drone Management System

EMAIL


ed@hazonsolutions.com

PASSWORD

.....

☒ Remember Me [Forgot Password?](#)

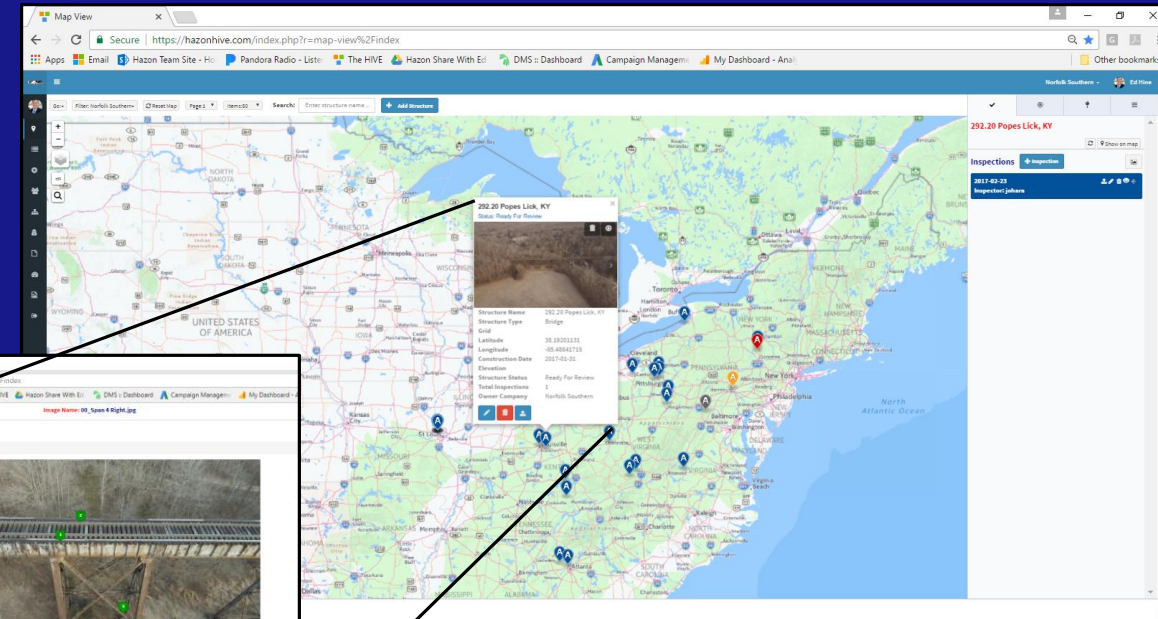
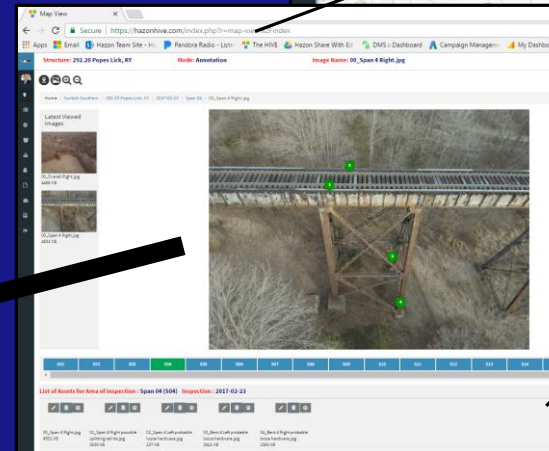
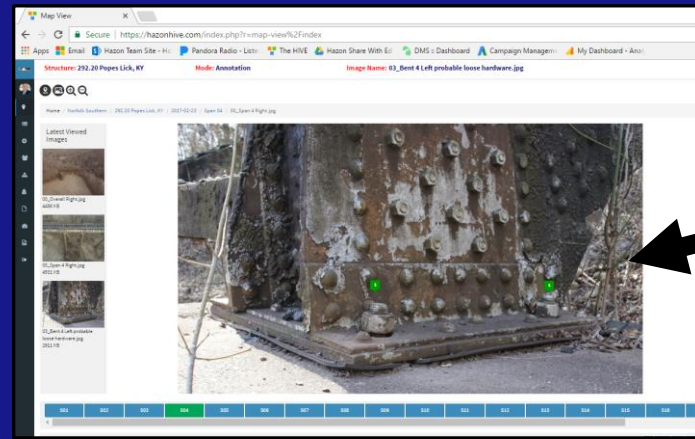
Log In

RECORDED WITH SCREENCAST  MATIC

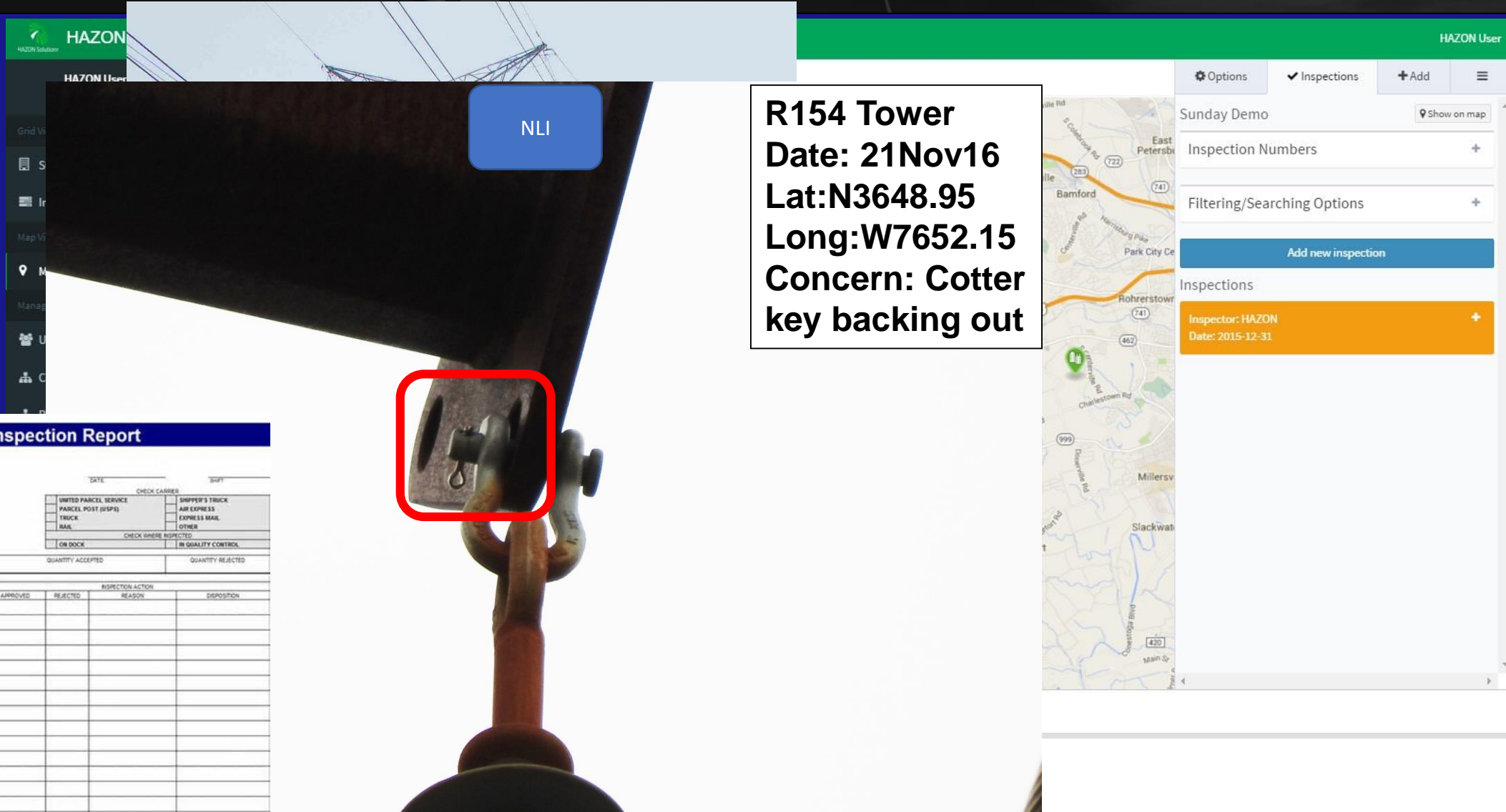
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HAZON INSPECTION VISUALIZATION ENVIRONMENT

- Data management software
 - Store, manage, deliver
 - Intuitively delivers the data that matters



ACTIONABLE INFORMATION



HAZON User

Grid View

Map View

Management

HAZON User

Options **Inspections** **+ Add**

Sunday Demo [Show on map](#)

Inspection Numbers **+**

Filtering/Searching Options **+**

Add new inspection

Inspections

Inspector: HAZON **+**

Date: 2015-12-31

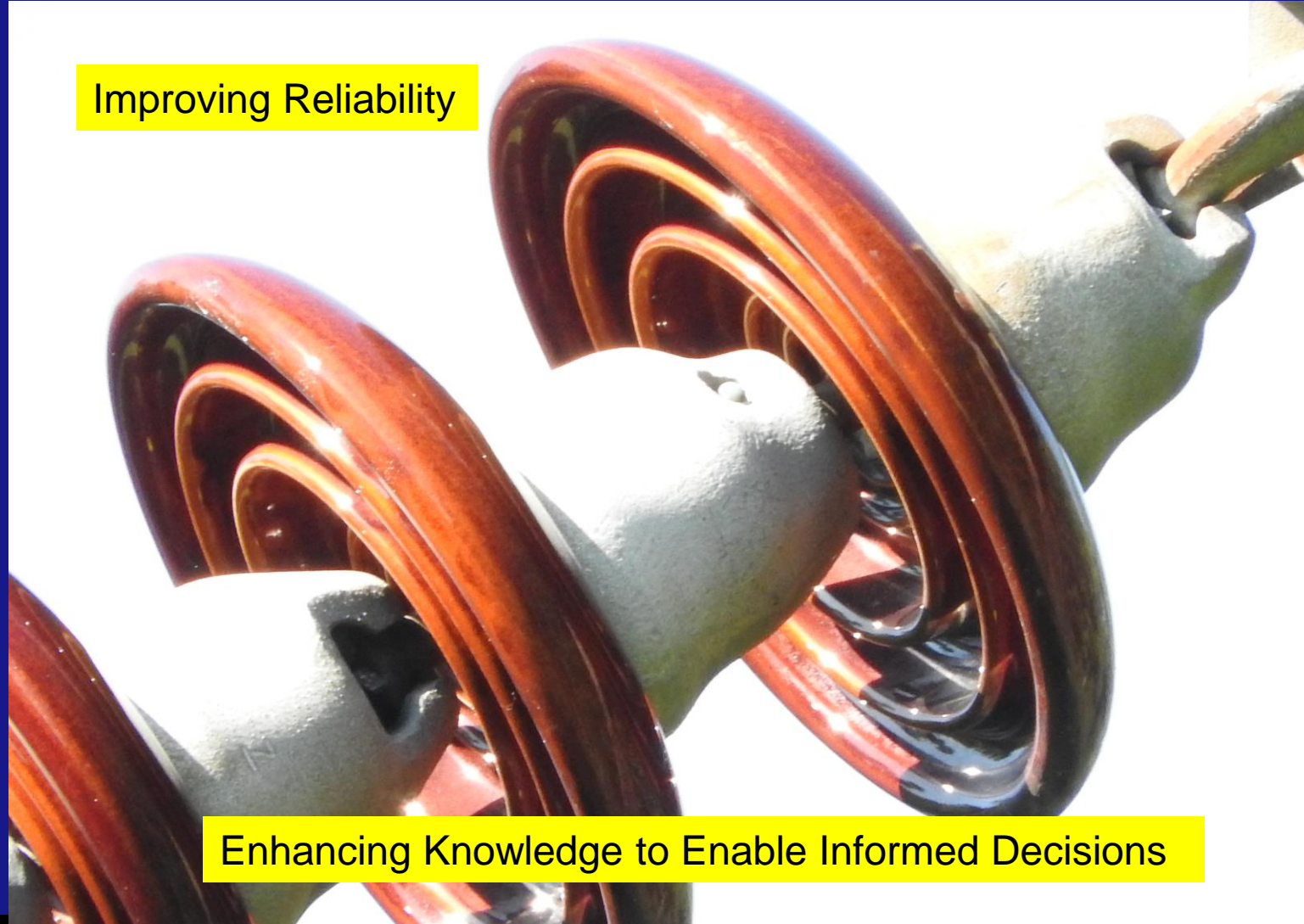
R154 Tower
Date: 21Nov16
Lat:N3648.95
Long:W7652.15
Concern: Cotter key backing out

Inspection Report

| RECEIVED FROM | DATE | SHIFT | | | |
|--------------------|---|---|----------|-----------------------------|-------------|
| ADDRESS | CHECK CARRIER | | | | |
| CITY/STATE and ZIP | UNITED PARCEL SERVICE PARCEL POST (USPS) TRUCK BAG | SHIPPER'S TRUCK AIR EXPRESS EXPRESS MAIL OTHER | | | |
| SHIPPED FROM | CHECK WHERE INSPECTED | | | | |
| | ON DOCK | IN QUALITY CONTROL | | | |
| QUANTITY RECEIVED | QUANTITY ACCEPTED | QUANTITY REJECTED | | | |
| ITEM | DESCRIPTION | APPROVED | REJECTED | INSPECTION ACTION REASON | DISPOSITION |
| 1 | | | | | |
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| 15 | | | | | |
| 16 | | | | | |
| INSPECTED BY | DATE | APPROVED BY | DATE | | |

BENEFIT OF UNMANNED SYSTEMS

Improving Reliability



Enhancing Knowledge to Enable Informed Decisions

QUESTIONS