



# Predictive Solutions SafetyNet App

Issue Date: June 4, 2018

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# Purpose

The Drivers:

- FEHSM Chapter 7010, Construction ES&H Program
- FEHSM Chapter 6015, Highly Protected Risk Inspection
- ESH&Q Procedure ESHQS-SA1, Predictive Solutions

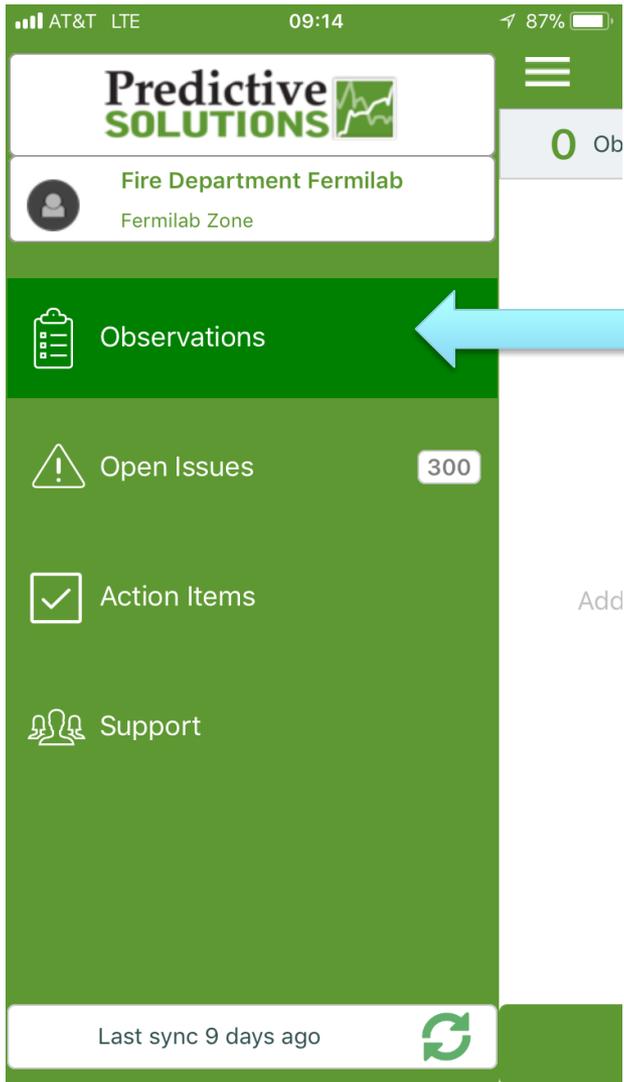
To document construction safety and facilities assessment inspections.

Tip: Construction safety, document safes and unsafes.  
Facilities assessment inspection, only document unsafes (deficiencies).

# Terminology

- Observation is an inspection; however, individual components of observations make up an inspection
- Region is type of inspection. Typically two types, Construction Safety or Facilities Safety
- Proj/Location:
  - Project is for Construction inspections, a Project typically has a Purchase Order number somewhere in the details, such (69001)
  - Location is for Facilities inspections, location is a fixed building or enclosure and typically starts with the FIMS No., e.g., (001) Wilson Hall
- Landlord/Subcontractor:
  - Landlord is used in Facilities Safety and is the Division/Section responsible for the facility
  - Subcontractor is in Construction Safety and is the company FRA has a subcontract with

# Main Screen & Log-in



Slide main screen over



## No Observations

Add a new Observation using the 'New Observation' button below.

Tap on New Observation



# Starting an Observation (Inspection)

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**New Observation**

**Proj/Location\***  
Test-JIM-NIEHOFF

**Region** Facilities Safety - Prop...

**Observer\***  
Chris Fioretto

**Observation Date**  
03/12/2018 9:15

**Email Report**

**Additional Report Recipients**  
Enter an e-mail address Add

**Start Observation**

**Cancel**

Select either a Facility or Construction Project

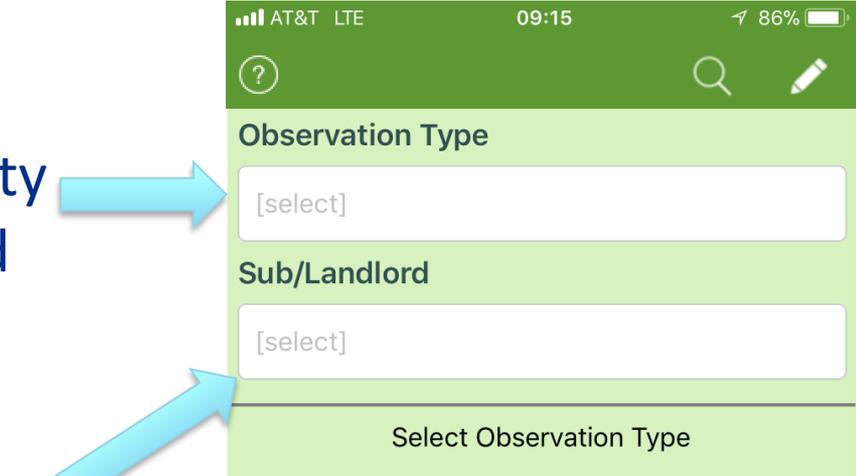
Observer Should Be the Inspector – Fire Department, select Fire Department Fermilab

Select if you want the report automatically emailed – Fire Department, always select Email Report

# Observation Type and Sub/Landlord

Select the Type of inspection, Fire Department select Property Facilities – Note, once selected the Observation Type below becomes populated

Select the Landlord or Subcontractor, Fire Department, select Landlord, e.g., AD, FESS, ESH&Q, PPD, TD, etc.



# Capturing an Observation

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Observation Type  
Property Facilities

Sub/Landlord  
ESHQ

Access & Premises +

Building Exterior +

Building Services +

Egress (Exiting) +

Electrical +

Fire Department +

Fire Separations +

Fire Suppression +

Finished

To capture an observation, select category



Select Subcategory, Green (Left) is Safe and Red (Right) is Unsafe



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Observation Type  
Property Facilities

Sub/Landlord  
ESHQ

Access & Premises +

Building Exterior +

Building Services +

Egress (Exiting) -

Exitways and doors unobstructed	0	0
Are exits and exit enclosures free from storage	0	0
Exit doors self-closing mechanism maintained in closed position	0	0

Finished

# Capturing Observations Continued

Cancel Deficient Save

Are exits and exit enclosures free from storage - 1 +

Not corrected Corrected

Sub/Landlord\*  
ESHQ

Severity\*  
[required]

Causal Analysis  
[optional]

Corrected By

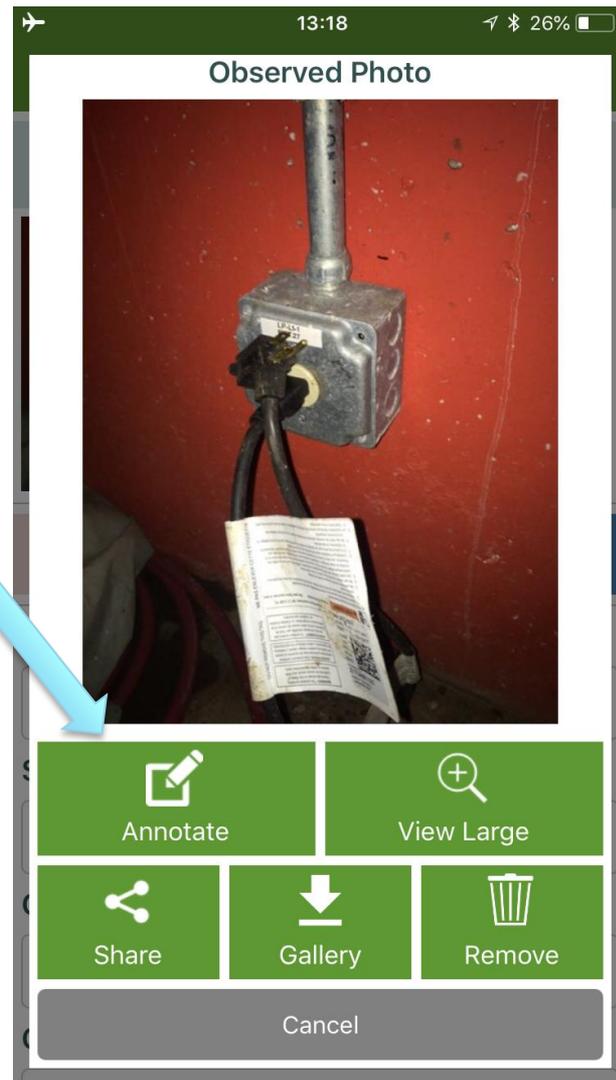
Tap the camera icon to take a picture of not corrected / corrected

**NOTE:** Even if you don't take a picture, you must select either Not Corrected or Corrected

After taking or selecting picture, tap picture to annotate if desired

Select the Severity, Low, Medium, High or Critical – See end of presentation for further info

Causal Analysis is optional field



# Capturing Observations Continued

Cancel Deficient Save

Are exits and exit enclosures free from storage - 1 +

Not corrected Corrected

Sub/Landlord\*

ESHQ

Severity\*

[required]

Causal Analysis

[optional]

Corrected By

Scroll down to see the rest of the fields. If corrected, state who corrected by, e.g., “FFD corrected”

If not corrected in the field, then state desire date that should be corrected, typically 30 days

If not corrected, state what the corrective action is, e.g., “EM light needs to be fixed”

Cancel Deficient Save

Are exits and exit enclosures free from storage - 1 +

[optional]

Action Taken

[optional]

Completed Date

05/07/2018 13:17

Comments

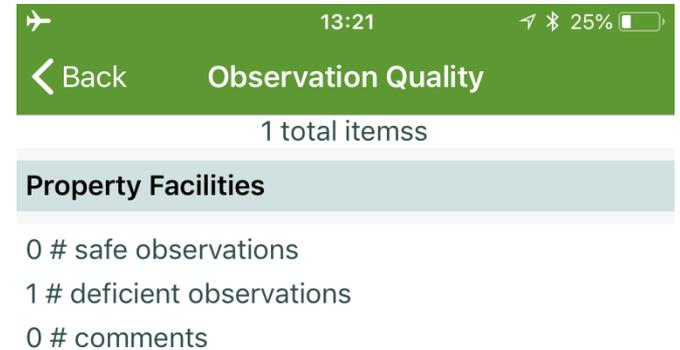
Enter text here, optional

Corrective Action:

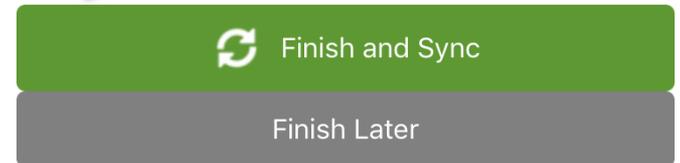
Enter text here, optional

# Finish and Sync

Tip: Performing multiply inspections, can click on finish later and wait to finish and sync until all inspections are done.



When completed, tap finish and sync



# Guidance on Severity

- Critical = High consequence, high likelihood
- High = High consequence, low likelihood
- Medium = Low consequence, high likelihood
- Low = Low consequence, low likelihood
  
- Severity = Consequence x Likelihood
- Consequence
  - Low - Injury requiring less than medical attention
  - High – Injury requiring medical attention or worse
- Likelihood
  - Low – Unlikely, remotely possible
  - High – Certain, probable

# Contacts

- Construction Safety
  - Raul Cantu
  - Tom Gibbs
- Fire Department (Fire Inspections)
  - Chris Fioretto
  - Jim Niehoff
- HPR Inspections
  - Jim Priest
  - Jim Niehoff