



MODERNIZING AIR COMPLIANCE

Utilizing Mobile Platforms

(Apple iOS & Google Android)

Today's **Inefficient** Methods – Paper, Excel and Simple Mobile Forms



LDAR

Program Manager



This Month's Inspections



OGI



OGI



OGI

LEAKS FOUND!



Today's **Inefficient** Methods – Paper, Excel and Simple Mobile Forms

LDAR

Program Manager

This Month's Repairs

1
OGI

2
OGI

3
OGI

LEAKS FOUND!



R1 **R2**

LEAKS REPAIRS PERFORMED

Recommend for DOR

CLIENT DOR Executive



REJECTS DOR

ACCEPTS DOR

VERIFIED CLOSED

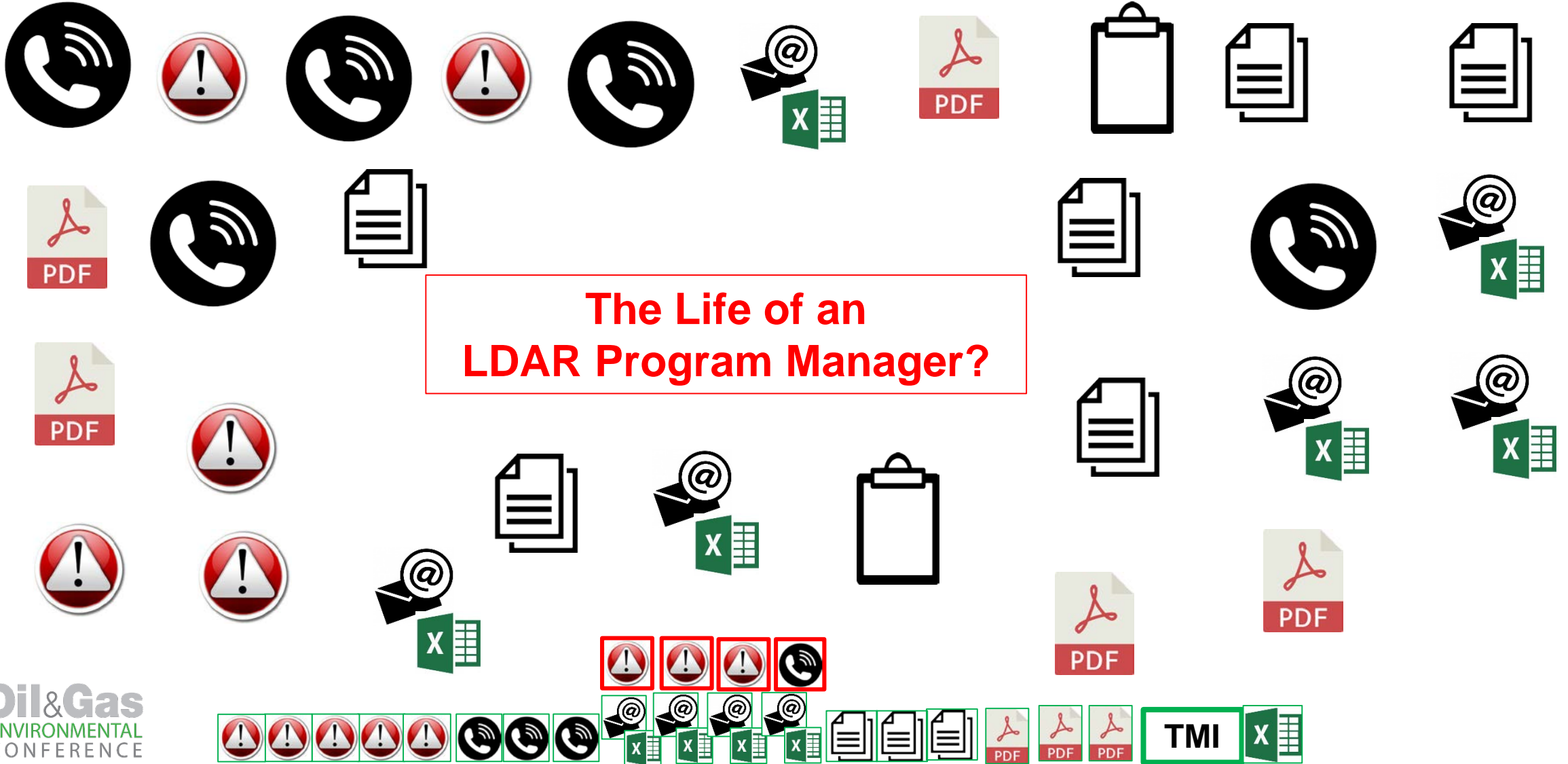
STILL LEAKING



OGI



Today's **Inefficient** Methods – Paper, Excel and Simple Mobile Forms



The Project Research

0000a and State LDAR Subject Matter Experts, worked with software engineers to leverage academic articles on automated workflow systems to develop an app that drives the LDAR process to completion without missing steps or losing track.

The Paper Free Office - dream or reality?

Underwritten in part by:

ABBYY

Autonomy

EMC²

IBM

KOFAX

SPS

AIIM Market Intelligence

Delivering the priorities and opinions of AIIM's 65,000 community

aiim

Industry
Watch

Forrester Study Finds Big Savings in Workflow Automation



By [Tom Murphy](#) | Jan 14, 2015
CHANNEL: [Information Management](#)

8 Project Goals (1-4)



1. Ensure simplicity of use in order to cut training time



2. Teach users the regulatory rules of 0000a and State regulations as a direct result of simply using the app

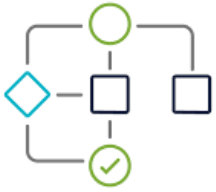


3. Reduce the upfront expertise required for field techs to be successful at their tasks

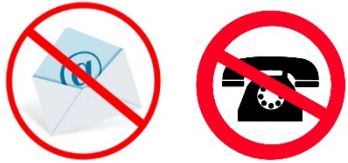


4. Generate high quality data from the field, no matter the user's level of expertise

8 Project Goals (5-8)



5. Move beyond the limits of simple forms (paper or digital) to *automated work flow*, which auto-creates each “next step” work order. This drives compliance forward.



6. Eliminate the need for manual communications and paper shuffling.



7. Reduce cycle time from Inspection, through repair to final verification. (work order closed!)



8. Make all mission critical reporting and data dash-boarding *on demand* (Like the EPA Reports – Rolling Leak Logs etc.)

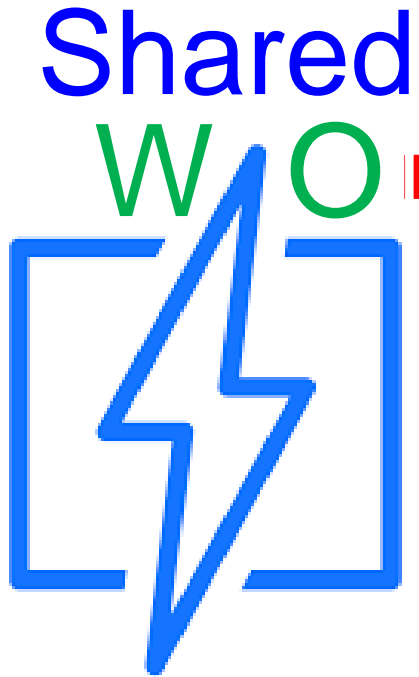
The Project's Overall Concept

SHARED LDAR WORK ORDERS

Leveraging Automated Workflow

to automatically drive LDAR Compliance forward
while guiding users to remain tightly adherent to
0000a and State LDAR Regulations

What is a “Shared” LDAR Work Order?



Scheduled Site Work Order - LDAR PM	
Select Assigned	Date
Repair Complete?	First Repair Attempt Due Date
6/20/2019	
Select Assigned	Final Repair Attempt Due Date
6/30/2019	
Repair Tech	WO Repair Status
Scheduled Repair Date	Repair Complete
WO Inspection Due Date	WO Repair Complete?
True	
Final Repair Due Date	
WO Inspection Complete?	
WO Inspection Complete?	
WO Repair Complete?	
WO Repair Complete?	
Verification Details	
Select Assigned Verification Company	Sub-Contractor F (V)
Select Assigned Verification Tech	Kletzky, GlennSCFT
Scheduled Verification Date	6/30/2019
Verification Due Date	7/5/2019
WO Verification Status	Verification Complete
WO Verification Complete?	True

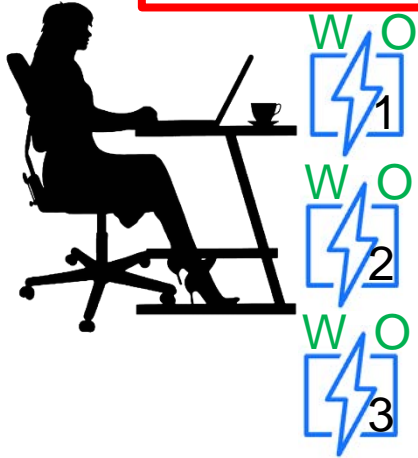
CLIENT
LDAR Program Manager



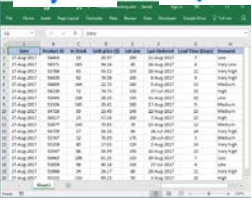
Shared LDAR Work Orders – Fully Automated Communications

LDAR Program Manager

Un-Assigned



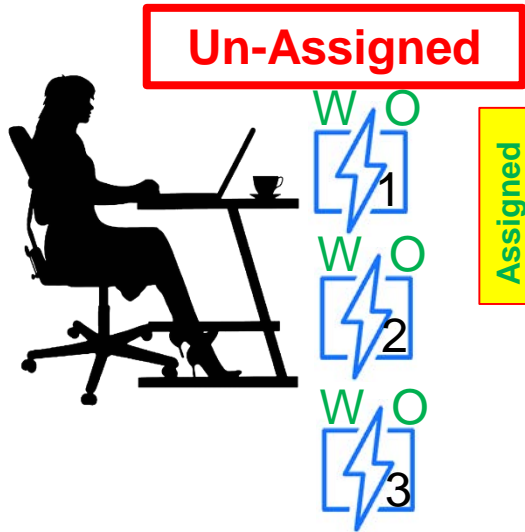
DATA
IMPORTER
tool



Shared LDAR Work Orders – Fully Automated Communications

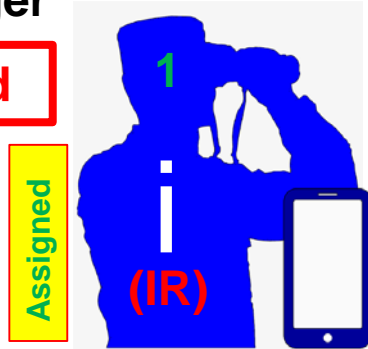
LDAR Program Manager

Un-Assigned



WO 1
WO 2
WO 3

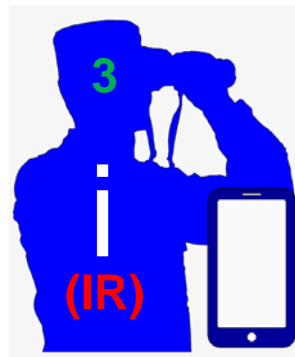
Assigned



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(IR)

LEAKS FOUND



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LEAKS REPAIR PERFORMED
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CLIENT DOR Executive



DOR

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VERIFIED CLOSED

STILL LEAKING



V
(IR)
Assigned

The Project Technology



The Mobile Epiphany Platform for Rapid Mobile App Creation and Automated Workflow
(www.MobileEpiphany.com)



The App, Automated workflow, reporting, and dash-boarding system built in Mobile Epiphany
(www.KrinkleApps.com/LDAR-Tracker-Pro)



Microsoft Sequel Server Reporting Services (SSRS)
(www.Microsoft.com)

The Project Team



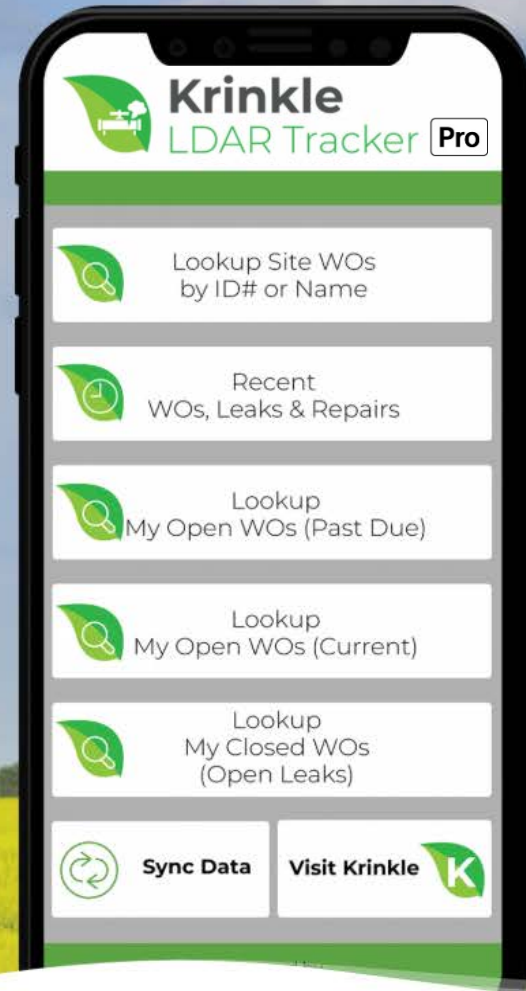
Vertex's Field Operators and Subject Matter Experts
(www.Vertex.ca)



Mobile Epiphany's Software Engineers
(www.MobileEpiphany.com)



Krinkle's software implementation team
(www.KrinkleApps.com)



Leak Detection and Repair

TRACK, MONITOR, AND COLLECT DATA ASSOCIATED WITH LEAK DETECTION AND REPAIR.



[SCHEDULE DEMO](#)

[EXPLORE SOLUTIONS](#)

QUESTIONS?

Thank You