



# Digitising Oil & Gas Processes


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**Project Manager**



A sunset over the ocean with waves in the foreground. The sky is a warm orange and yellow, and the water is a deep blue with white foam on the waves.

You can't manage what  
you don't measure.

Peter F. Drucker



# Who we are

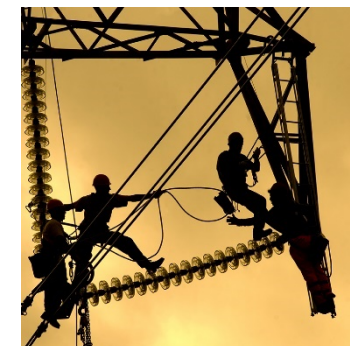


- UK Independent Software Vendor
- Established 2003
  - Delivering business solutions
  - Improving business process
- Mobile specialisation
  - Online & Offline working
  - Multi-lingual
  - Windows specialism history, now expanding to Android, iOS, web apps
- Rapid creation of applications
  - Days not weeks
  - Strong ROI
- Microsoft Partner Advisory Council Member



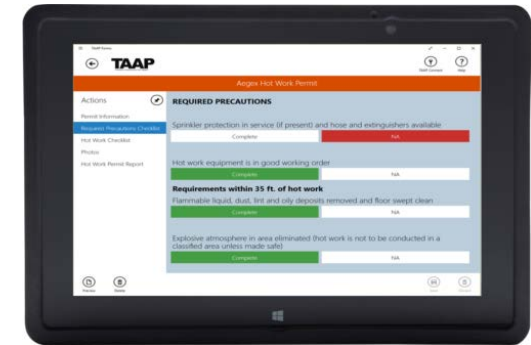
# Digitise multiple processes

- Plant Inspections
- Maintenance Checks
- Health and Safety Checks
- Risk Assessments
- Process Compliance
- Incident Reporting
- Training Guides
- Estimates
- Vehicle Safety Checks



# The TAAP Platform

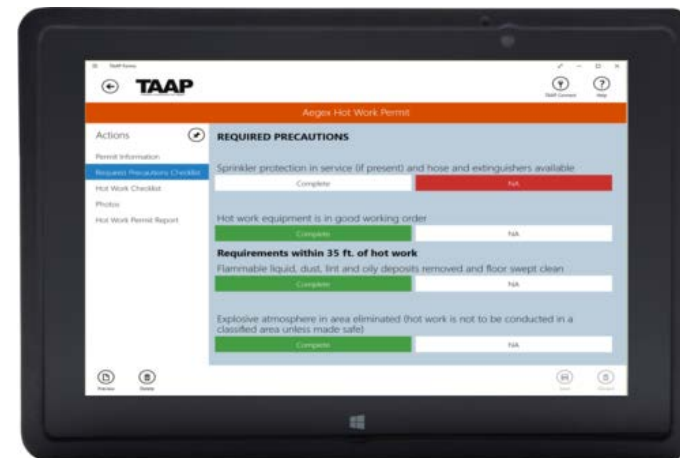
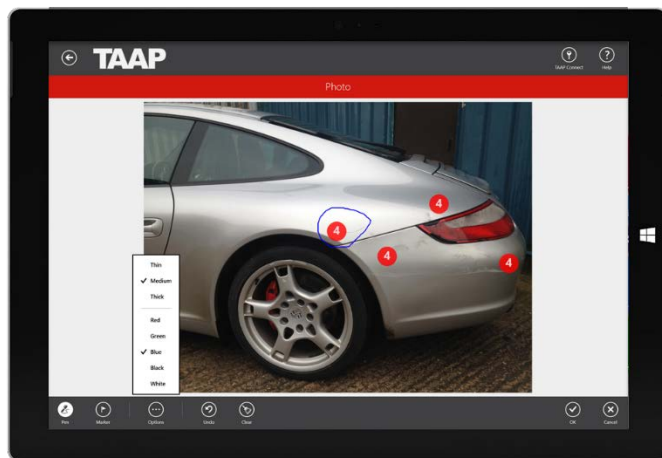
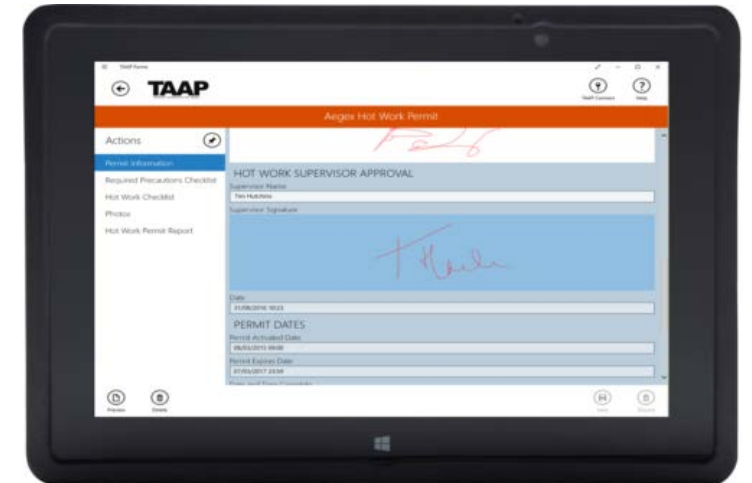
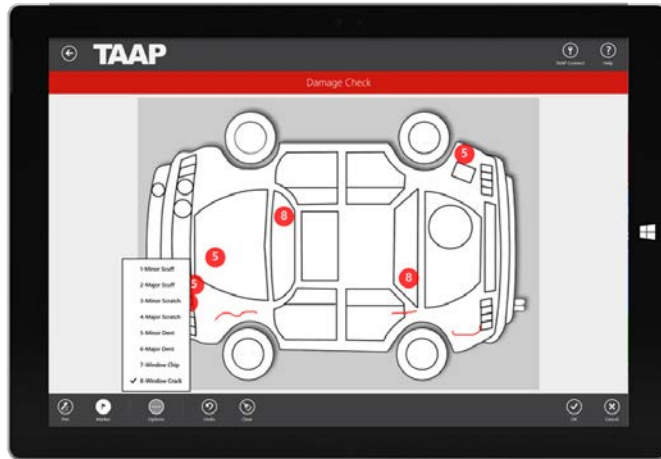
**TAAP**  
means business for apps



“Lego” bricks to configure workflow & applications quickly

All verticals, capture information, eliminate paper, improve efficiency, lower costs

# Photo Capture, Annotation, Signatures, Video, Workflow & Microsoft Office Integration





# TAAP Energy Demo

- Actions
- Permit to Work
- Gas Check

## HOUSEKEEPING CHECKS AND SECURITY

### 1G Wellhead

1G wellhead & gas train compound, indication lamps, sump pumps and lighting. Satisfactory?

Yes  No

Comments/Defect No.

### 1G Wellhead Damage



Signature

### 1G AS

Check 1G AS annulus pressure on PI\_2721 (barg). Report if >22barg

Comments/Defect No.

### 1G AS Damage



Signature



Delete




Save



Discard



Date: 2017-03-28

MONDAY				
Check	Satisfactory	Comments/ Defect No.	Photo	Signature
<b>Permit to Work documentation</b>				
<b>Photo annotation key 1 = Info needs validating, 2 = Date soon to expire, 3 = Signature comparison required</b>				
Permit to Work documentation check – review of pending requests, preparation of necessary new certificates and review of existing certificates	Yes	All OK though a little tired		Toffo
<b>Gas check</b>				
<b>Photo damage annotation key 1 = Broken, 2 = Immediate Risk, 3 = Repair ordered</b>				
Daily gas check (with GMI Gascoseeker or Oxygas monitor) around EA-002.	Yes			Tony
<b>Weekly Site Alarm/Communication Checks</b>				
Site Audible Alarm (Mon 10am) – including a check that alarm activates in the Security cabin.	Yes			Toffo
Main Offices / Control Room fire alarm check	Yes			Tony
Test of man down system on mobile phone (Mon 10am)	Yes			Tony
<b>General weekly site checks/Routines</b>				
Ultrasonic Meter – check display for any faults or alarms	Yes			Tony
Check the manual holding valve for BDV1090 next to E-001 is open, correctly tagged and logged	Yes			Tony
Check handjack valve on K-001 compressor (BDV1057) is locked open, correctly tagged and logged	Yes			Tony

# Periodic – Thickness Readings

UK ROAD TANKER INSPECTION LTD. TAAP Connect Help

Periodic Inspection

Must supply at least 4 points.

Actions

Details

! Front

**! Nearside**

! Offside

! Main Runner Nearside

! Main Runner Offside

! Rear

Nearside

1 Thickness 5

2 Thickness 10

Clicking on the diagram in the Ultrasonic Thickness Test forms will place a marker and open the screen below to allow the measurement to be entered against the marker:

UK ROAD TANKER INSPECTION LTD. Help Next Section

Periodic Inspection

Record Thickness

Thickness

A minimum number of readings has been set for each section, however no maximum number has been set.



# JOB/000031

Test User



Vehicle Details

**Pre Checks**

Post Checks

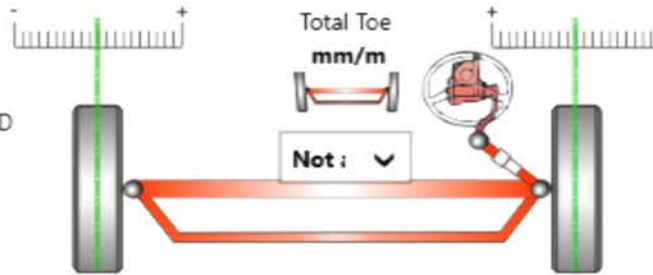
Item Costs

## Pre Checks - Axles



20 °	LEFT	34 °
21 °	RIGHT	
-1 °	DIFF	
3	A1	
4	B1	
	C1	D
CAMBER	CASTER	KPI
+3 °	2	+0 °
2		2
-		

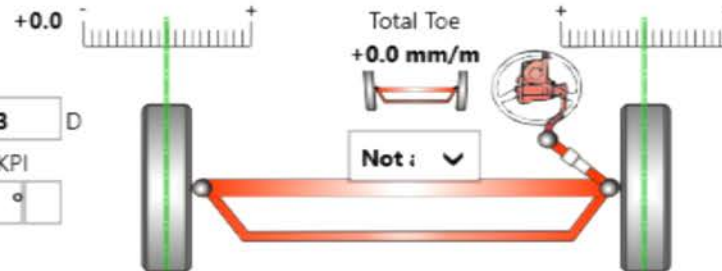
AXLE 1 Primary Steer Axle



34 °	RIGHT	20 °
	LEFT	23 °
	DIFF	-3 °
	A2	3
	B2	4
	C2	
KPI	CASTER	CAMBER
-		

20 °	LEFT	23 °
23 °	RIGHT	
-3 °	DIFF	
2	A1	
2	B1	
+0	C1	23
CAMBER	CASTER	KPI
-		

AXLE 2 Primary Steer Axle



24 °	RIGHT	20 °
	LEFT	21 °
	DIFF	-1 °
+0.0	A2	3
	B2	3
	C2	+0
KPI	CASTER	CAMBER
-		



REGULAR SUPPORT



OPT IN



RESPECT THE WATER



YOUTH MESSAGE



SUBMIT





# A few words from a TAAP Oil & Gas Customer....

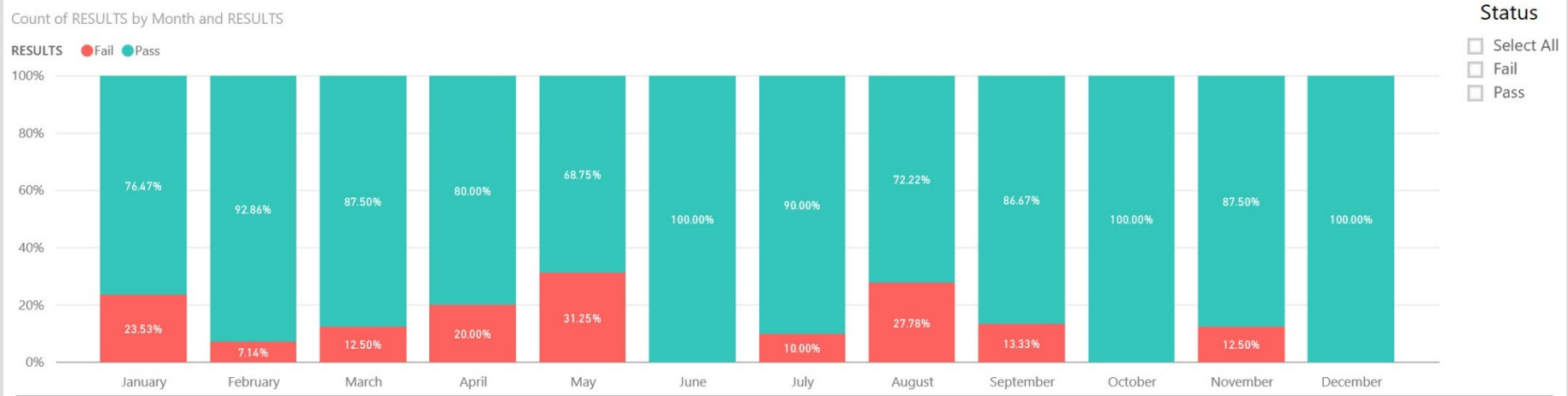
**James Canham**



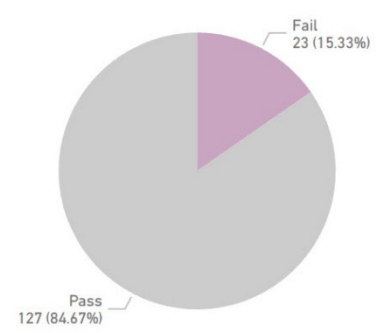
Microsoft

Power BI

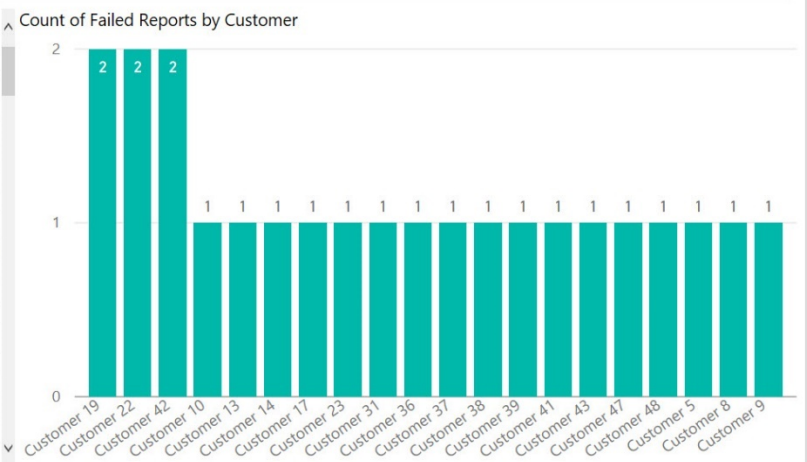
# Oil & Gas - Pass/Fail Report



## Inspections Pass/Fail



Report No.	Customer	Year	Month	Day	Inspector
18	Customer 1	2016	June	11	Ava Hassen
66	Customer 1	2016	August	14	Ava Hassen
3	Customer 1	2016	September	11	Felisa Mounsey
8	Customer 1	2016	October	1	Ava Hassen
63	Customer 10	2016	February	15	Angel Lacross
46	Customer 10	2016	August	14	Muriel Acedo
141	Customer 10	2016	September	29	Ava Hassen
21	Customer 11	2016	October	20	Ava Hassen
9	Customer 12	2016	May	1	Ava Hassen
31	Customer 12	2016	June	1	Keshia Guenther
19	Customer 12	2016	August	8	Ava Hassen
83	Customer 12	2016	August	15	Gilda Willer
28	Customer 12	2016	August	16	Ava Hassen
148	Customer 13	2016	January	8	Gilda Willer
30	Customer 13	2016	February	9	Angel Lacross
2	Customer 14	2016	January	17	Beth Burris
62	Customer 14	2016	January	17	Muriel Acedo
50	Customer 14	2016	January	18	Rafael Sass



# Why organisations buy TAAP

**TAAP**  
means business for apps

- Rapid implementation
  - Days not months
  - Easy Integration
  - Customers can create their own forms
- Improve business process and efficiency
  - Become more agile
  - Improve reporting and decision making
- Strong Return on Investment
- Simple licensing structure





# Customers



Dŵr Cymru  
Welsh Water

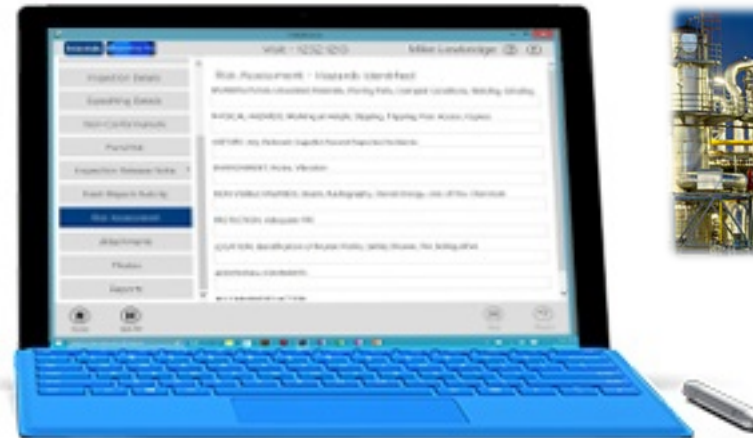




*"TAAP proved to be a trusted and reliable mobile solutions provider. All staff were highly qualified in their fields. This came across in the positive, professional way they conducted their business."*

Technical Inspection Services Manager

- Global Inspection Company
- 15,000 Field Engineers
- Create own apps on TAAP platform
- 1,500 custom apps in one year
- 2,000 customised branded reports





# TAAP

means business for apps

- Health & safety / audit application
- 2,000 questions / answers per audit
- Auto-generated forms
- From paper to digital in 1 day

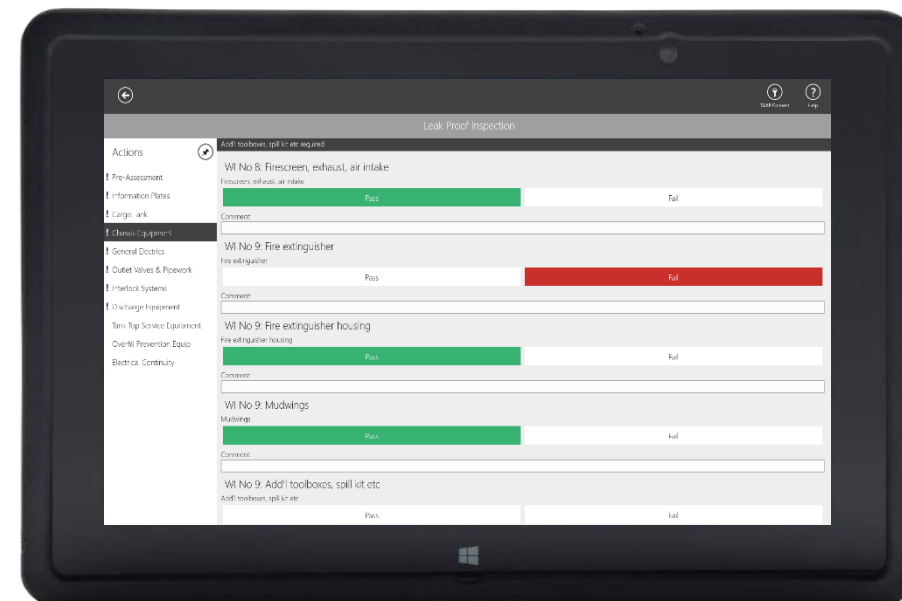




- Road Tanker Inspection Application
- 13 complex paper forms digitised into one app

## RESULTS

- Eliminated indecipherable handwriting issues
- Built-in validation ensures no info is missing
- Significant time savings – reports now returned immediately as opposed to often 3 week delays



# Summary - Digitising Oil & Gas Processes



- Rapid implementation
- Improve business process and efficiency
- Gain Insights into your business
- Working with Aegex we can provide an Intrinsically Safe solution enabling you to capture information and understand what is happening NOW in your organisation





# Contact TAAP

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