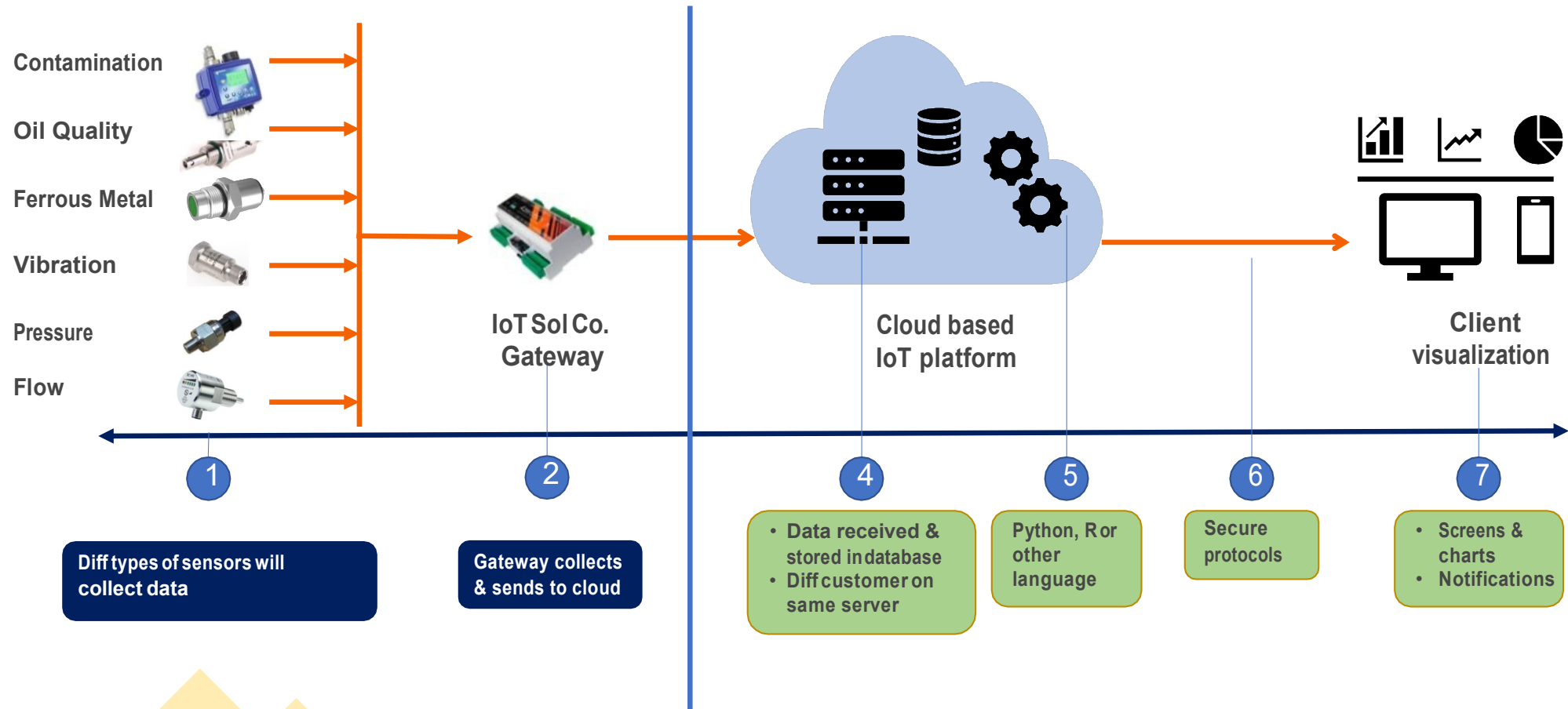
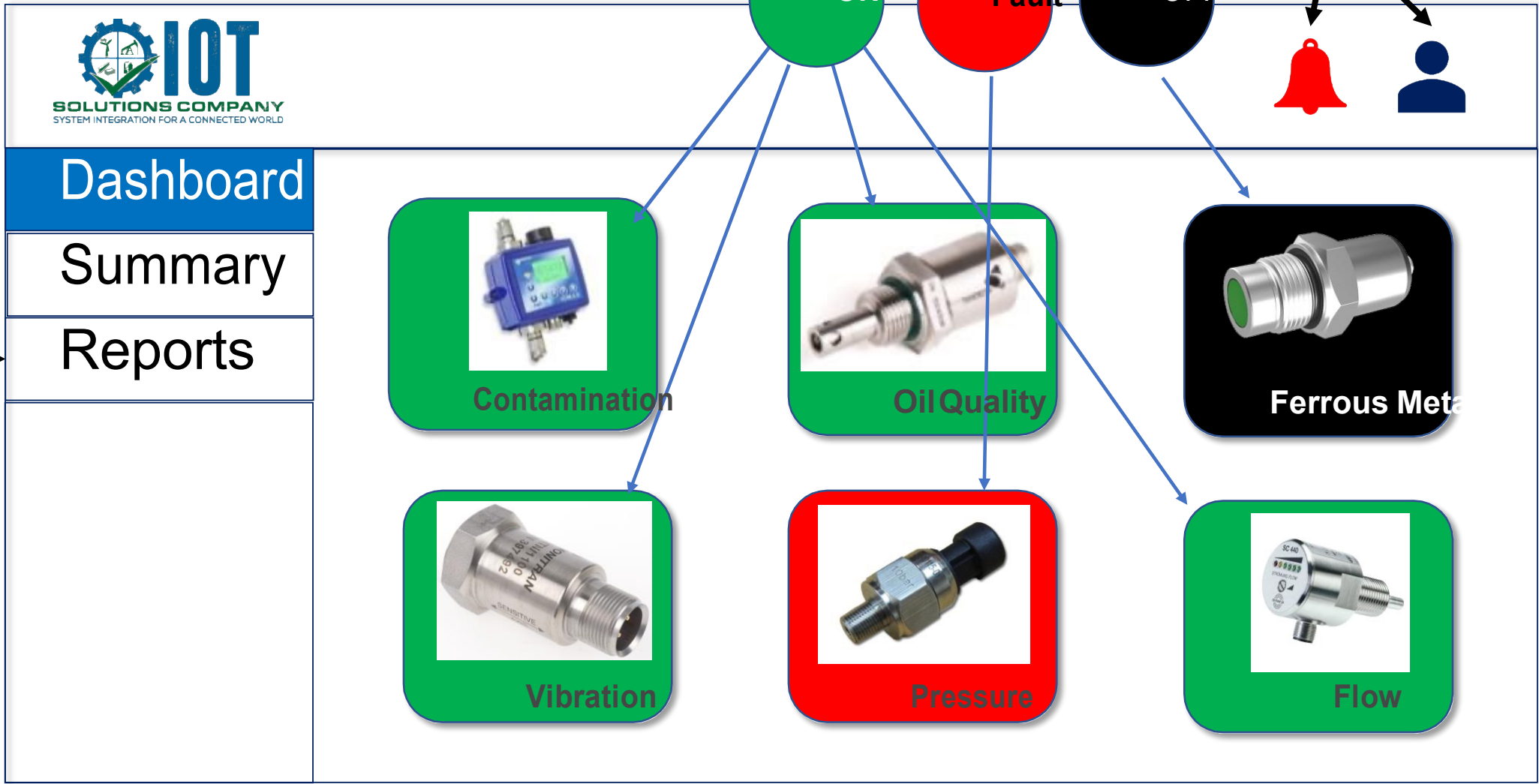


# HIGH LEVEL ARCHITECTURE



Userpane

Real time device status Notifications & Profile



Per device drill down



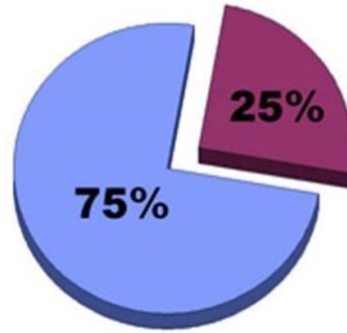
Contamination



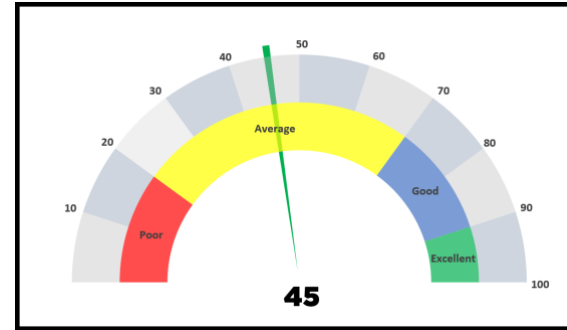
Dashboard

Summary

Reports



Degradation  
25%



TDN  
750



Per device drill down



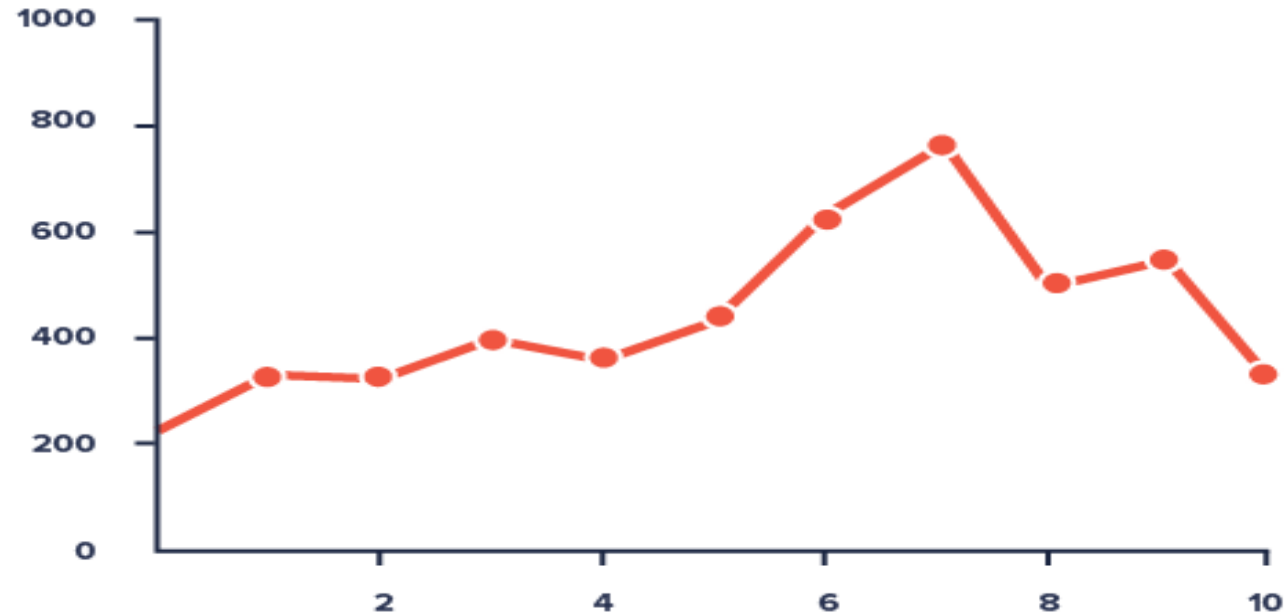
Pressure



Dashboard

Summary

Reports



Flow Rate  
50/psi



Per device drill down



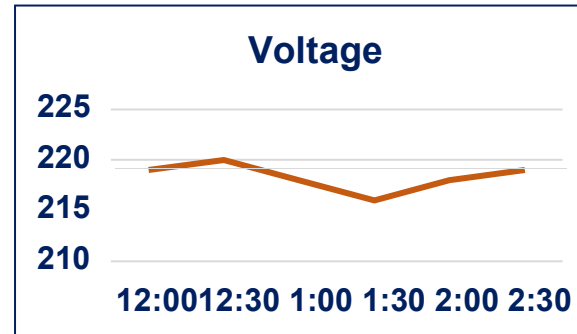
## Ferrous Metals



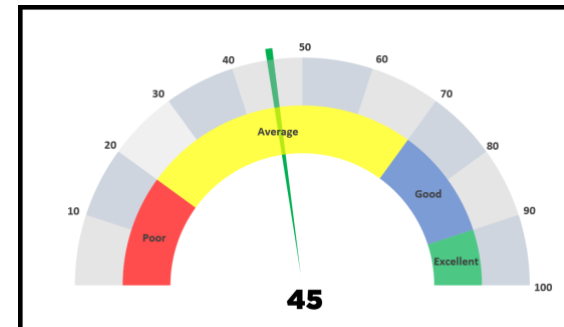
Dashboard

Summary

Reports




Degradation  
25%




TDN  
750





Per device drill down



**IOT**  
SOLUTIONS COMPANY  
SYSTEM INTEGRATION FOR A CONNECTED WORLD




Flow





Dashboard


Summary

Reports





CSV



Flow rate based on available pressure and pipe size

Nom. dia. (in)	Inside dia. (in)	Flow rate (gpm) @ 30 psi	Flow rate (gpm) @ 40 psi	Flow rate (gpm) @ 50 psi	Flow rate (gpm) @ 60 psi	Flow rate (gpm) @ 70 psi
1/4	0.311	1.3	1.5	1.7	1.9	2
1/2	0.527	5.4	6.3	7	7.7	8.5
3/4	0.745	13.6	15.6	17.7	20	21
1	0.995	29	34	38	42	46
1 1/2	1.6	103	119	135	147	160

# Machine Doctor



## 1 Sensor 6 Technologies



### FEEL

Sensation using **Vibration technology**



### HEAR

Sensation using **Ultrasound technology**



### TOUCH

Sensation using IR **Thermology technology**



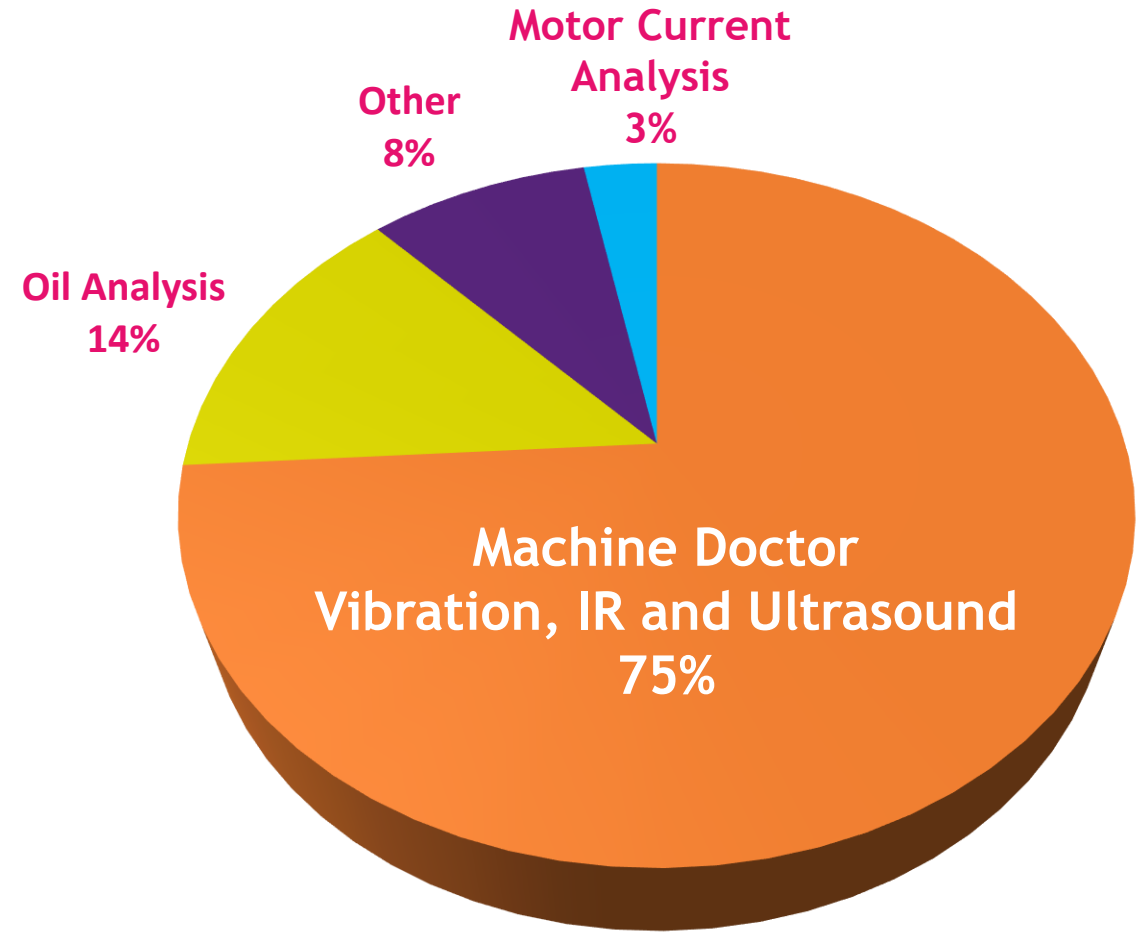
### MOTION

**RPM measurement** using advanced signal processing



### BEHAVIOUR

Relative humidity measurement using a **Humidity sensor**



UL 746C



Authorized Training Provider





**GLOBAL FLUID POWER SYSTEMS**  
YOUR SOLUTIONS PARTNER



## **Global Fluid Power Systems Revenue Streams:**

- 1. Services: Flushing, Design, Consulting, Installation**
- 2. Distribution: Component distribution**
- 3. Manufacturing: Sales of Systems, Setting up Distribution Network**
- 4. Maintenance**





**GLOBAL FLUID POWER SYSTEMS**  
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## **GFPS Manufactured Solutions:**

- 1. Proactive Oil Monitoring System**
- 2. Proactive Monitoring System**
- 3. Vacuum Dehydration Units**
- 4. Varnish Removal Units**
- 5. Mobile Cooling Filtration Units**
- 6. Hydraulic Power Units**
- 7. Filtration Solutions**



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## Setting up Offices/Facilities:

1. Mexico
2. Colombia
3. Chile
4. Italy
5. England



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**THANK YOU!!!**