What is the VALUE of

- knowing your wells are producing?
- not having to visit all wells every day?
- knowing when you are out of power and when the power is back on?
- knowing if an electrical phase is down?
- knowing the motor is on but the belt or r is out?

Production Areas (Wells)

- □ Rod Pump (UBs)
- Electric Submersible Pump (BCS)
- Progressive Cavity Pump (BCP)

Processing Facilities

- o Oil Tanks
- Onshore terminal receiving areas
- Oil and gas processing equipment
- Custody transfer and fiscal metering

For the small producer in Brazil

- Includes operation monitoring as part of your ANP Development Plan.
- Goals accomplished quickly with low CAPEX and very low OPEX.



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Low Risk/Low Cost
Monitoring and Control





Innovation on time, on budget, and on value

Devices

- u Install sensors
- □ Define rate of acquisition
- □ Define local reading and actuation
- a Communicate with network
- □ Transfer data to cloud
- □ Shut down pump

Platforms

- □ Manage, store, aggregate data
- a Create data APIs
- a Define alert rules, action plans, reports
- a Generate indicators, alerts and reports
- □ Manage data & terms
- a Define ERP integration
- a Predictive analytics

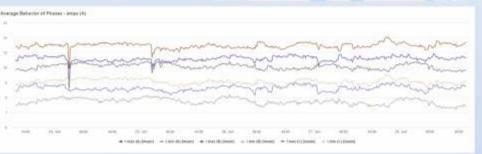
Apps

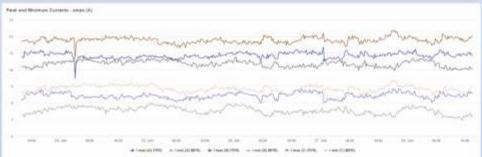
- a Data visual on dashboard
- u Display alerts
- u Trend reports
- u Display control apps











Day	*	Condition			Mor Temp (C1) \$		Min Temp (C*)		Hunldig (%) \$		Date	Date and Time	
Wetherday 1308			nty Courts car		34 36		24		66.		06/12/2016 8/27 08 am		
Thursday 14/05							26		9		9013/20	0013/2018 8 97 76 jm	
Oil Brent Price							Oil West Texas I	Price					
Last Refreshed Brant Prizes		Open	High	Live	Settle	Charge	Last Rethested We	nt Years Po	tes Open	rige.	Linier	Sette	Charge
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