

### 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

- 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**

**INDUSTRIAL  
IOT**





# Innovation on time, on budget, and on value



## Devices

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

## Platforms

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

## Apps

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



## Forecast for today and the next day

Day	Condition	Max Temp (°C)	Min Temp (°C)	Humidity (%)	Date and Time
Wednesday 13/06	Partly Cloudy	34	24	65	00:13:2016 0:07:08 am
Thursday 14/06	Clear	26	24	62	00:13:2016 0:07:08 am

## Oil Brent Price

Last Refreshed Brent Prices	Open	High	Low	Settle	Change
13 June 2016 00:27:34 am	\$ 76.5	\$ 77.07	\$ 75.45	\$ 75.98	\$ -0.58

## Oil West Texas Price

Last Refreshed West Texas Prices	Open	High	Low	Settle	Change
13 June 2016 00:27:34 am	\$ 95.00	\$ 95.7	\$ 93.07	\$ 93.04	\$ -1.26

