

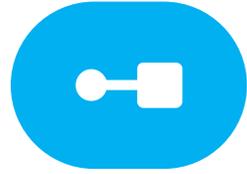


NIMBLU

Checkingas

Information

CHECKIN GAS

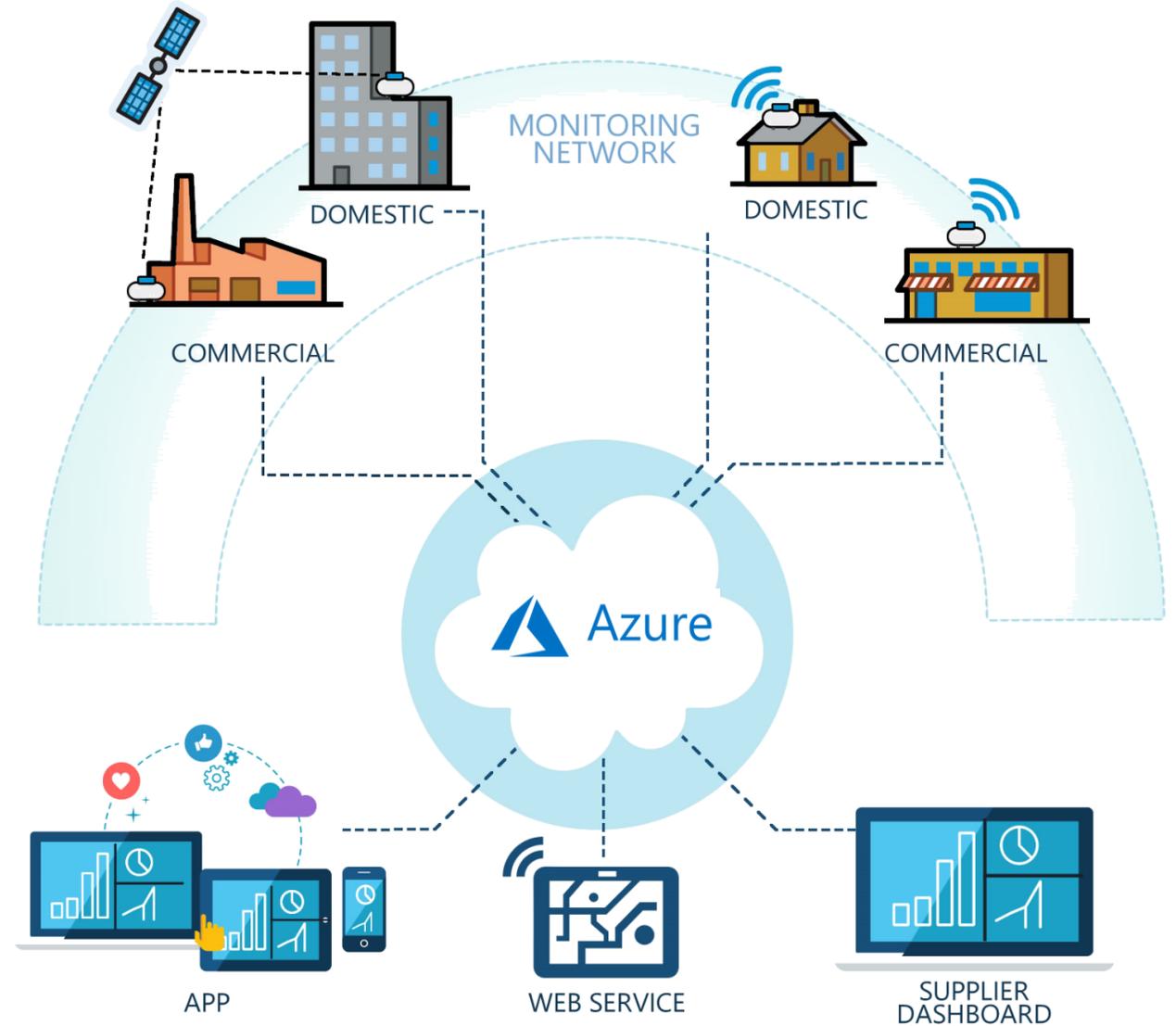


DATA SENSED BY DEVICE

SEND AND SAVE DATA IN AZURE

PROCESS DATA: ANALITICS AND
PREDICTABILITY

SEE DATA ON DASHBOARDS (POWER
BI) AND APPS



60% of people are sure that their gas delivery company does not load complete it.

80% of gas orders are emergency.

Create a smart grid and connect the delivery of gas and the clients

CHECKING GAS FOR PROPANE GAS ON TANKS: PAINS AND OPPORTUNITIES



PROPANE (L.P.) GAS DEVICE

- Certifications RoHS, CE, FCC in components
- The case is made of ASA UL94-HB plastic resistant to UV degradation
- Meets grade IP67 (Solid particles and for water immersion)
- 3 AAA batteries with a duration of 1 year.
- 1 year warranty for the device.



SMART GAS LEVEL WITH CONTINUOUS INFORMATION

- See several tanks in a single app.
- Estimate when you will run out of gas intelligently with an intelligent algorithm.
- Notifications:
 - Low level
 - Overfill
 - Device battery



ALSO, A SOLUTION FOR THE INDUSTRY

A SMART GRID, IOT FOR THE PROPANE GAS



Monitor

Locate

Filter the
information

Plan the
distribution

Optimize the
operation

Dispositivo Usuario Delegaciones ▾ Nivel ▾ **Buscar**

Ver direcciones inválidas **Generar ruta**

Visibilidad del nivel de gas LP de forma remota.



Controls the propane charges

Predictive Maintenance

Advanced analytics that generates:

- business opportunities
- savings
- efficiency

Monitoreo

8  [Ver Alertas](#)

Resultados por página

5  Todos  Por Id de dispositivo [Buscar](#)

Id Dispositivo	Nivel	Fecha	Hora	Detalle	Eliminar
87:6D:A6:BA:9A:A0	38.00	22/08/2016	17:49		
EF:5A:A9:C3:4F:6C	94.00	31/08/2016	12:55		
0A:E6:5D:65:EA:1E	20.00	23/08/2016	15:04		
AB:A3:EF:C2:0D:15	6.00	15/08/2016	14:34		

ID Dispositivo	Fecha Y Hora	Nivel Reportado
59:C1:98:7D:97:A8	08/08/2016 12:59:00 p. m.	61.00
59:C1:98:7D:97:A8	08/08/2016 01:58:00 p. m.	61.00
59:C1:98:7D:97:A8	08/08/2016 02:57:00 p. m.	71.00
59:C1:98:7D:97:A8	08/08/2016 03:56:00 p. m.	63.00
59:C1:98:7D:97:A8	08/08/2016 04:55:00 p. m.	61.00
59:C1:98:7D:97:A8	08/08/2016 05:53:00 p. m.	63.00
59:C1:98:7D:97:A8	08/08/2016 06:52:00 p. m.	72.00
59:C1:98:7D:97:A8	08/08/2016 07:51:00 p. m.	74.00
59:C1:98:7D:97:A8	08/08/2016 08:50:00 p. m.	65.00
59:C1:98:7D:97:A8	08/08/2016 09:49:00 p. m.	71.00

High costs of a lecturer service to have only one measure per month.

There are places that are risky or in difficult access for the lecturer.

There is not 100% accuracy of the measurement.

CHECKING GAS FOR NATURAL GAS: PAINS AND OPPORTUNITIES

DEVICE FOR NATURAL GAS



- Elster meters
- Operating temperatures: -20 to 80 ° C.
- Operating voltage 3.3 V
- Average operating current 60 uA
- Plastic for outdoor and isolated
- Battery life up to 10 years



REMOTE MONITORING

- Eliminate the manual lecture and save OPEX
- Take accurate measurement on a recurring basis.
- Eliminate communication barriers thanks to a totally wireless network.
- Get more data and measurement through a device.
- Manage and take advantage of measurement data.



THANKS!

FOR MORE INFORMATION
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