

How cognitive, connected technologies are changing the world of Energy and Utilities

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Cognitive systems are different

UNDERSTAND



Cognitive systems understand imagery, language and other unstructured data like humans do.

REASON



They can reason, grasp underlying concepts, form hypotheses, and infer and extract ideas.

LEARN



With each data point, interaction and outcome, they develop and sharpen expertise, so they never stop learning.

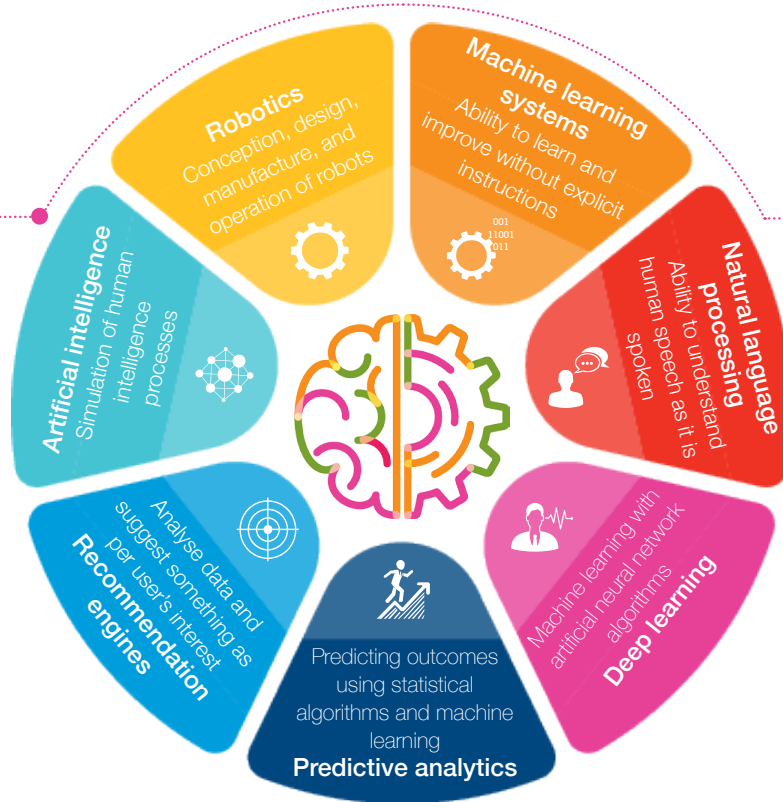
INTERACT



With abilities to see, talk and hear, cognitive systems interact with humans in a natural way.

Cognitive is under-pinned by a number of advanced technologies and has the **power** to **transform business**

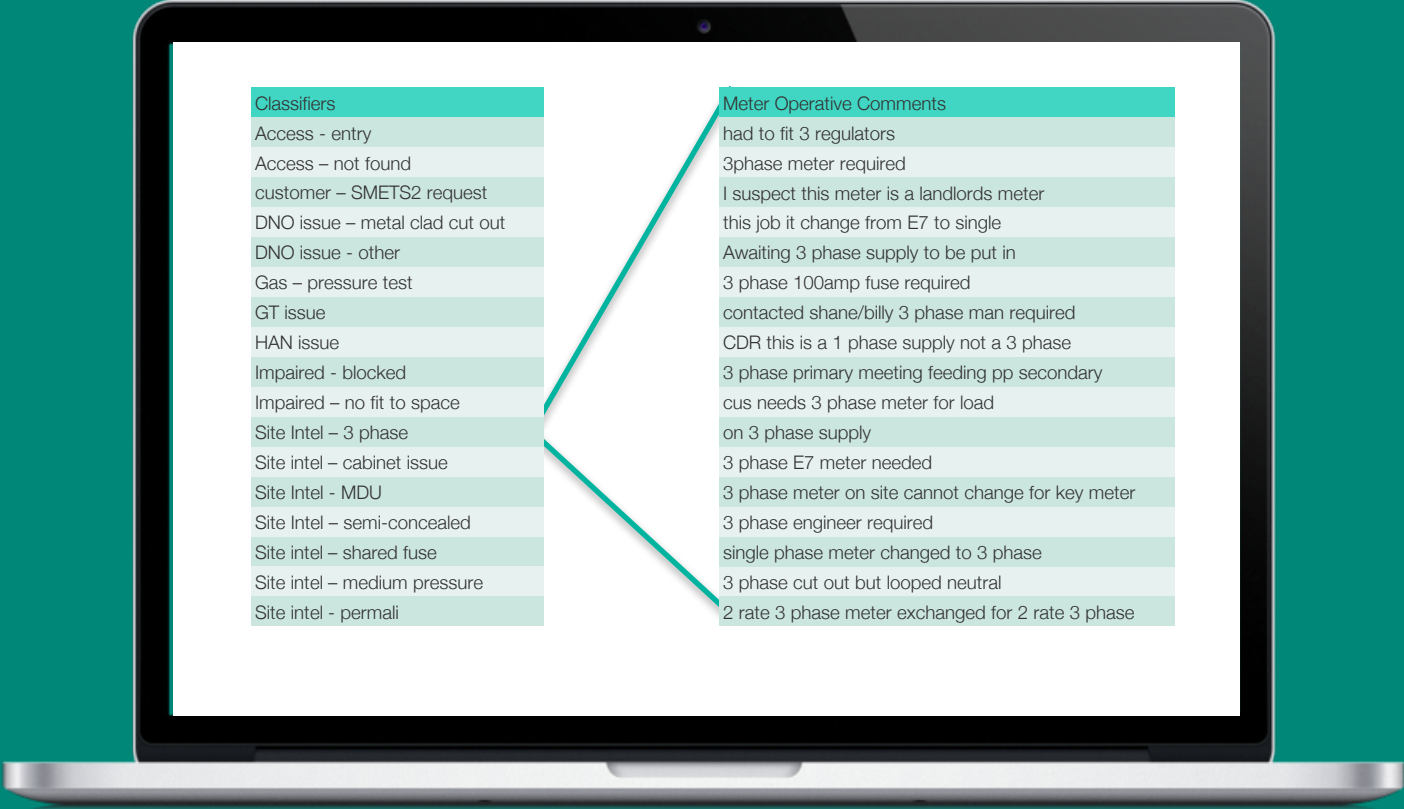
Cognitive Technologies



Business Value

- 💡 Create new ways of interacting with customers
- 💡 Reveal more powerful on-demand business insights through real-time access to data
- 💡 Enable business model – and ecosystem – transformation

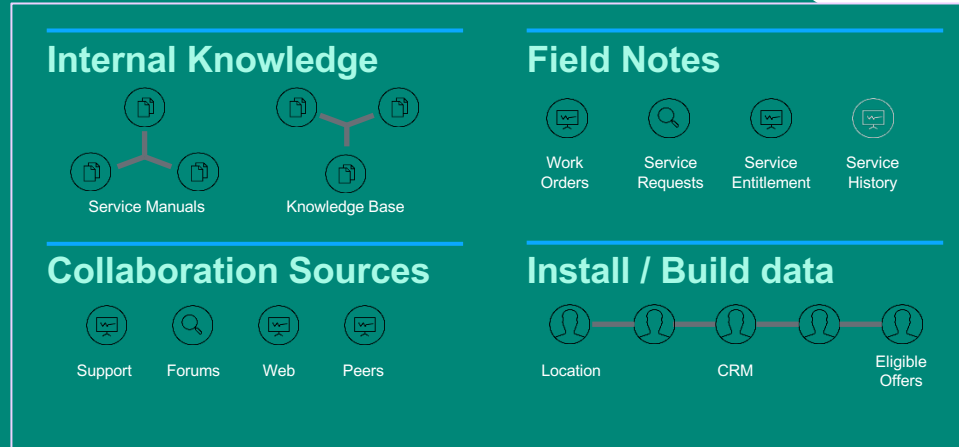
Cognitive efficiency – smart meter installation



Cognitive transformation – asset know-how

- Advanced asset management
- Knowledge management
- Maintenance and consumption
- Virtual agent and agent assist
- Predictive health and risk

Platform Technical Advisor



The rise of the **cognitive** IoT

- **Actively learns** from things, context, and interactions
- **Continuously adapts** to be more useful and robust
- **Relates insights** in easily understandable ways

30 billion
connected things

40%
of all data

Cognitive and Connected new business models



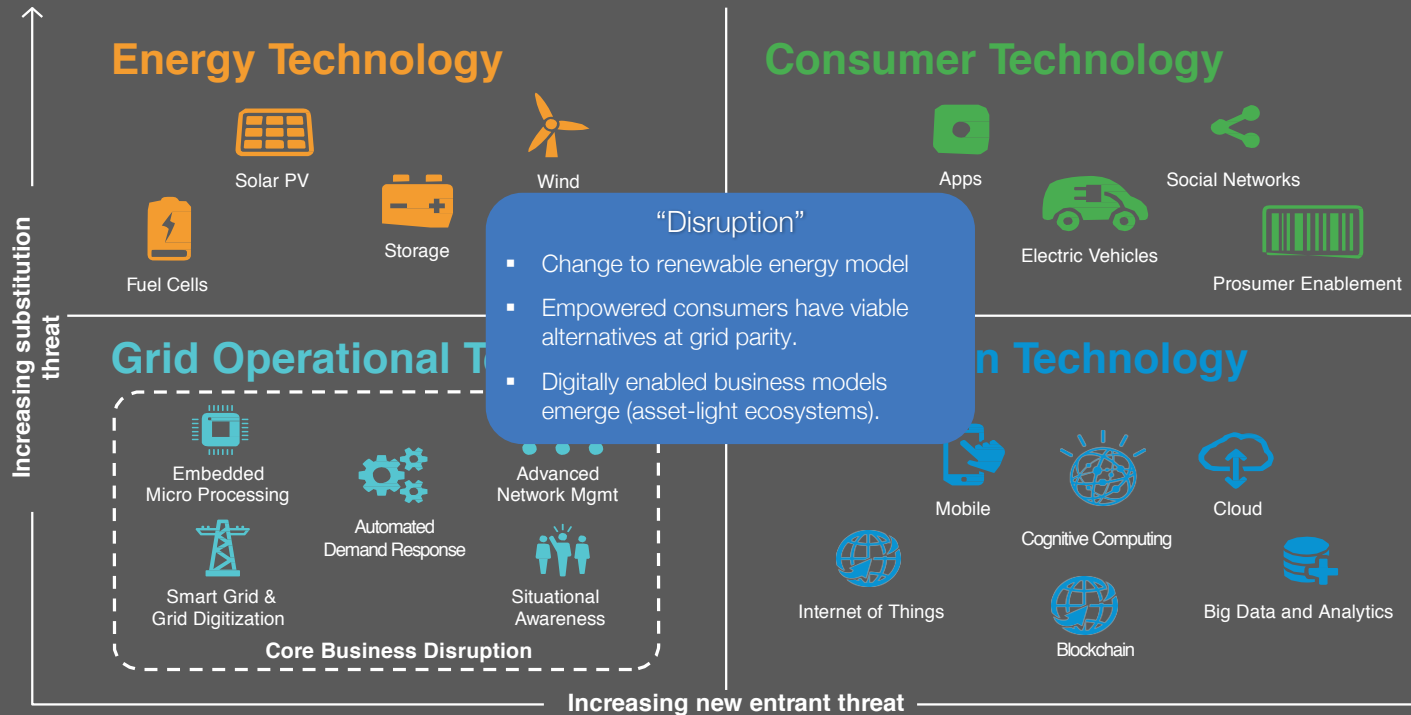
Dedicated to People Flow



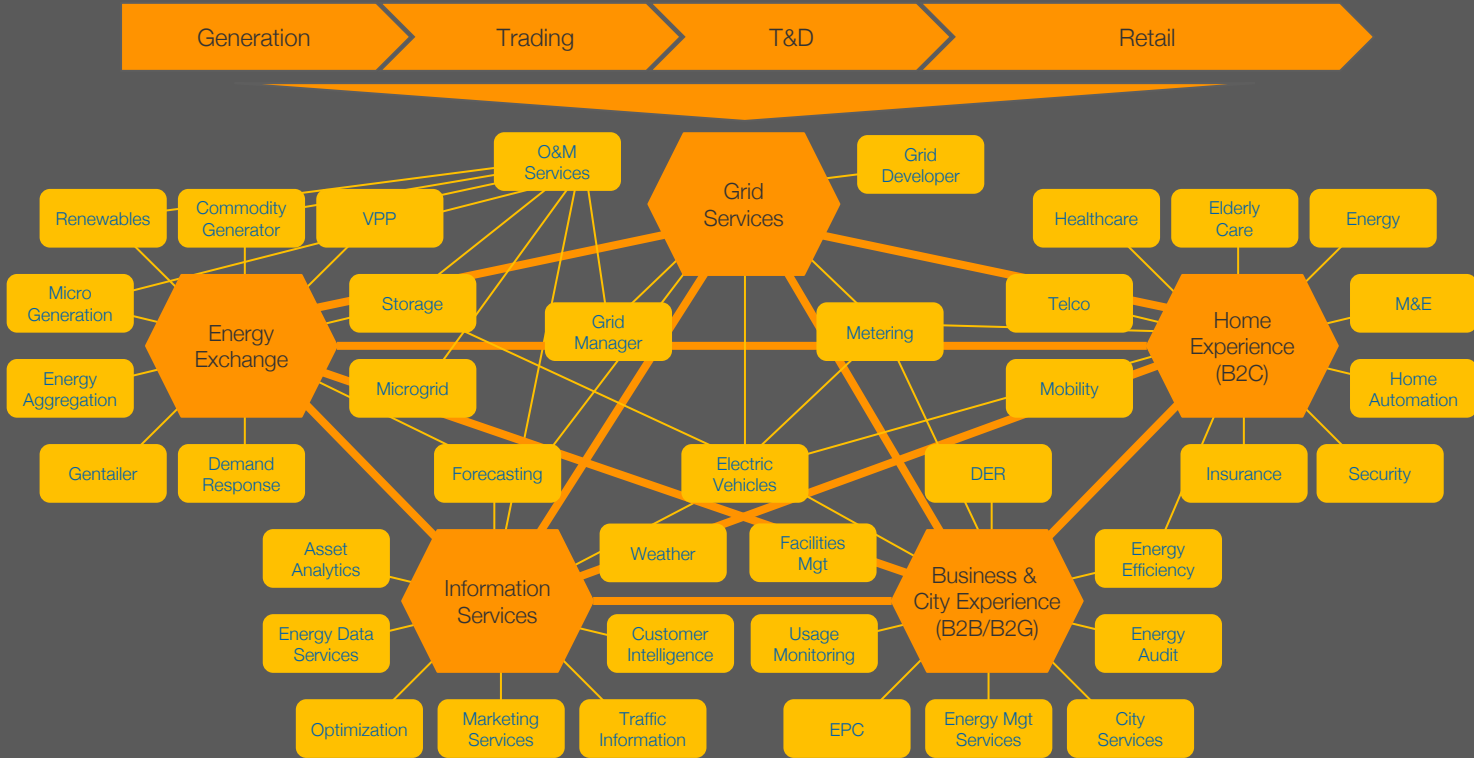
“ Embedded intelligence from the Internet of Things will help KONE move one billion people around buildings every day more efficiently, safely, and effectively. ”

Larry Wash
Executive VP, KONE Americas

Utility businesses are disrupted by four types of technology innovation

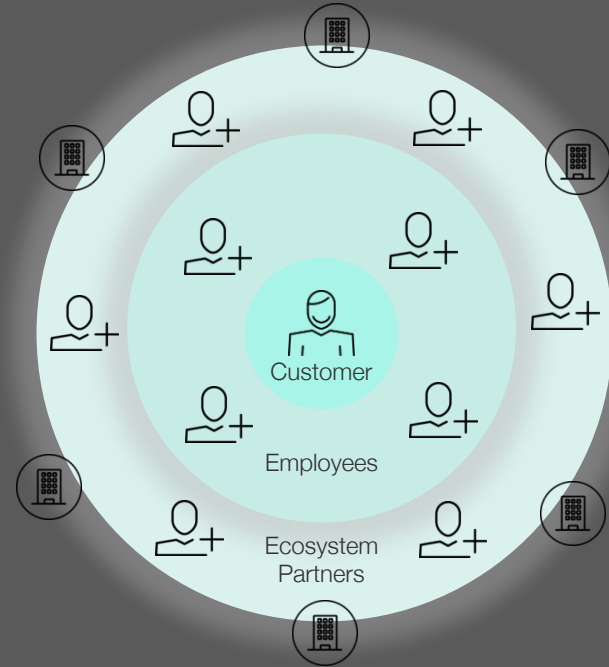
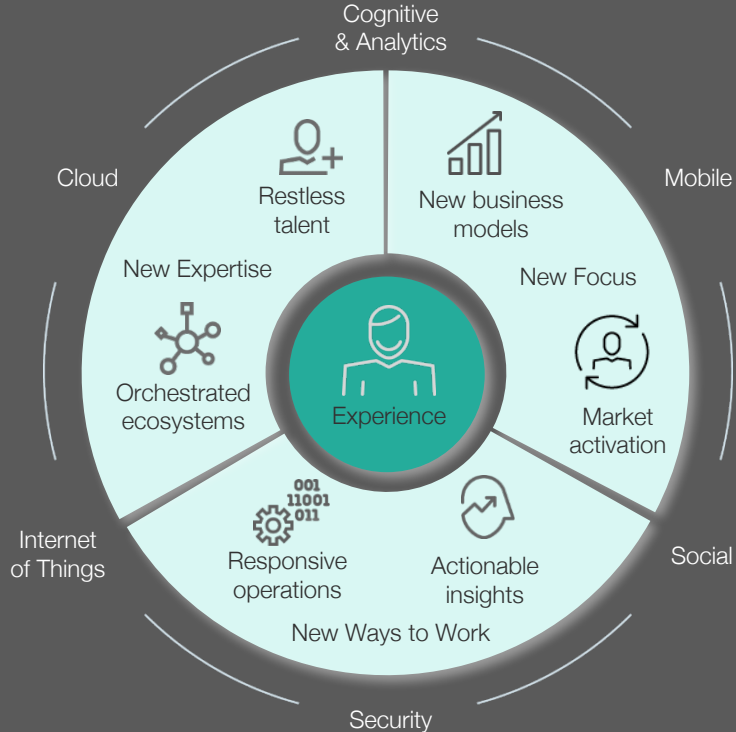


A future Utilities industry model of platform ecosystems

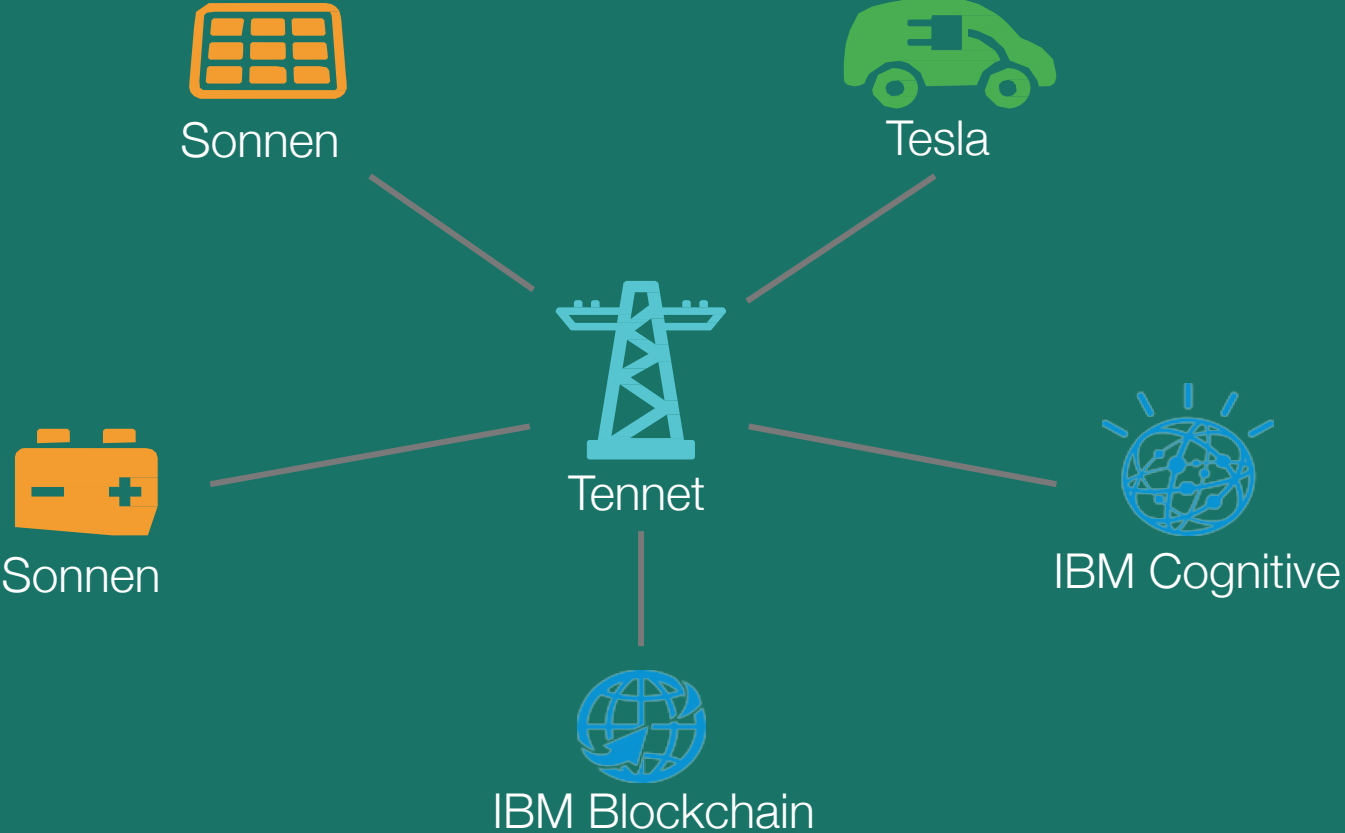


Digital Reinvention™

There are seven drivers of digital reinvention with experience at the core



A digital reinvention journey



Cognitive and
connected utilities:
a new era?



