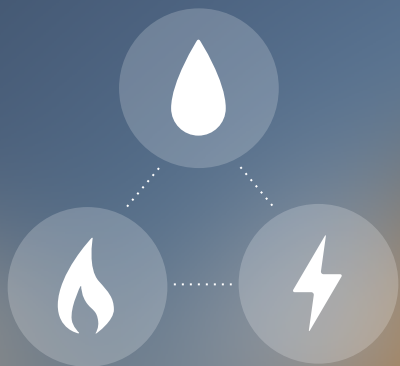


Breaking Down the Silos

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SMART CITIES. SUSTAINABLE FUTURE.

As cities around the world face aging infrastructure, growing urban populations, government mandates and shrinking budgets, managing energy and water is critical to ongoing economic prosperity, resource conservation and social well being.

WHAT DOES IT TAKE TO BUILD A SMARTER CITY?



Engaged,
visionary
leadership.



Collaboration and
cooperation.



The willingness to
act, to make
decisions.

SMART ENERGY AND WATER

The measurement, management and analysis of energy and water production, delivery and consumption are critical.



- » Intelligent meters and sensors positioned throughout the system.
- » Location-aware devices detect and locate theft as well as provide accurate, timely event information such as outages and leaks.
- » Provide detailed consumption information, enabling them to become more resourceful about their energy and water consumption.

IT BEGINS WITH THE NETWORK

A scalable, secure, reliable communications network is critical to the success of every smart city.

- » Leverage existing networks in place: utility (RF, PLC), telecom (cellular), WiFi, cable (coax, fiber).
- » Utilities are uniquely qualified to build and deploy dedicated infrastructure networks.



SMART CITIES TECHNOLOGIES



City App

Allows citizens to easily report graffiti, crime, street light outages, plugged storm drains, power outages, water leaks, pot holes, abandoned cars and more.



Data Analytics

Turns data into faster, more informed and increasingly automated decision making.



Insights App

Gives city leaders access to electricity, gas and water budgets and baselines, organized by locations and facility type.

SMART CITIES TECHNOLOGIES



EV Charging Stations

Leverage grid intelligence to help balance vehicle charging demand with load.



Intelligent Streetlights

Remotely monitor, control and measure the performance of fixtures wirelessly.

LOOKING AHEAD

- » With the urbanization of cities and strains on resources, technology's role in managing energy and water becomes increasingly important. City leaders and citizens need the tools to use information to take action.
- » The evolution of smart cities starts with a smart grid and smart metering technology. We can use the grid to drive efficiencies.
- » Managing the future of energy and water will require more creative thinking and collaboration than ever.



THANK YOU

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