IoT at work

If the Internet of Things (IoT) becomes a reality, a lot of your devices will be "talking" to each other over the Internet. From coffee makers to headphones to cars, they'll all share data in an effort to make your life easier. Here's how the IoT could transform a typical workday.

nationalgrid
HERE WITH YOU. HERE FOR YOU.

Clocking in.

Carl gets to work before the sun rises. As he pulls into the dark parking garage, motion sensors detect his car and turn on the lights in the garage and along the sidewalk. To get into the building, he swipes his ID badge on the entrance card reader. The Building Automation Database recognizes Carl, knows his office is on the second floor and activates gas space heating and lights in his area.
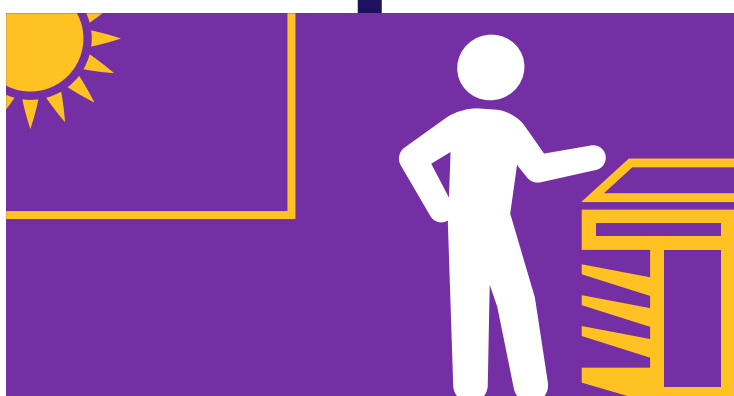
Down to business.

As he sits at down at his desk, the ventilation system is engaged to bring in the proper amount of outdoor air. Carl powers up his computer and adjusts his overhead lighting through an app. He settles on bright light with a blue color to help him focus.
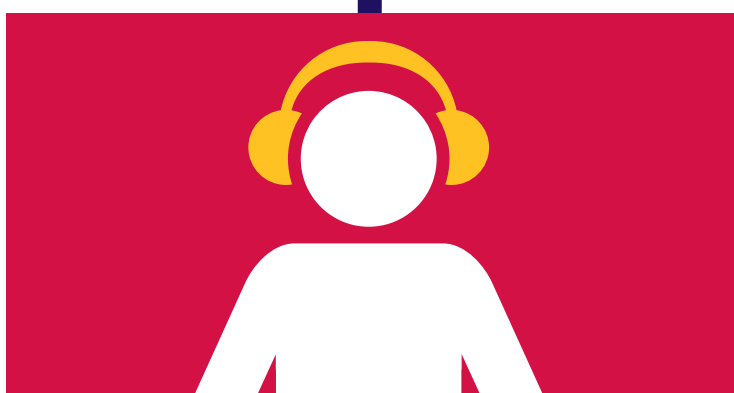
Snack time.

On his way to the break room, he stops in the restroom to wash his hands. The lights switch on as he walks in and the water heater that supplies the faucet raises the stored water temperature 10°F. As he approaches the break room vending machine, it wakes from sleep mode and its lights come on. Granola bar in hand, he's ready to get back to work.

Project plans.

Carl's ramping up for a new project. After he prints key documents, the printer is low on ink. It pings the office manager's computer, putting in an order for more. As the sun shines brightly through the production room windows, photosensors reduce artificial lighting without changing the preset light level.

Home, sweet home.

To unwind from a long day, Carl grabs his headphones and jumps on the treadmill. His headphones offer up some new tunes based on his listening history. Energized by the music, Carl jogs even faster than usual. Once he finishes, he checks his phone to review the fitness report generated by his treadmill. A new personal best! After dinner and some family fun, he calls it a night.

IoT isn't here yet – but many connectivity opportunities are. And we've got financial incentives for a lot of them! Call 1-800-787-1706, email energysavings@nationalgrid.com or visit ngrid.com/business.