

Home Energy Management Solution

As the utility sector embraces the Smart Energy era with major programs to deploy smart meters and smart grids, consumers are looking for solutions to conserve energy and manage utility budgets.

There's now a range of home energy management solutions on the market. Simple in-home devices read energy consumption from the smart meter and multiply it by the tariff to give a cost. The consumer has to do the rest.

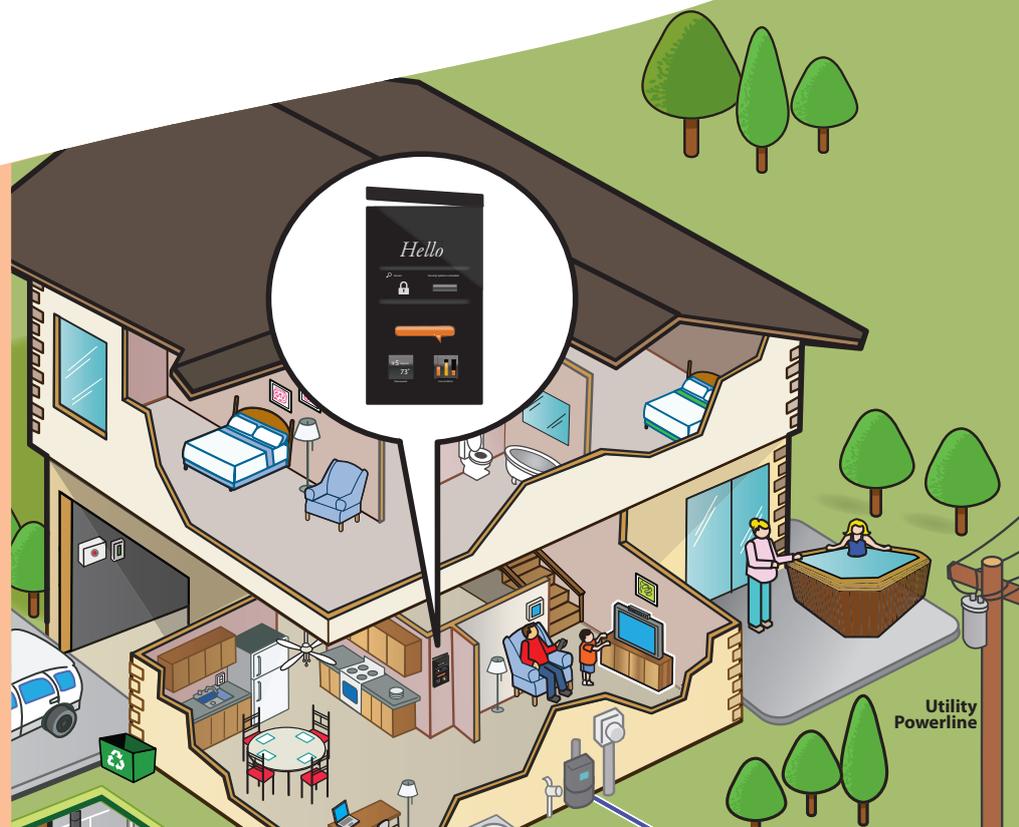
Web portals are available that can show consumption and give tips on how to reduce costs. More powerful in-home devices—that can communicate with household appliances, analyze consumption patterns, respond automatically and recommend how to make savings—are just entering the

fray. They can also work with home security and entertainment systems and browse the Internet. In short, they help the consumer to control the home.

This is great for the consumer and, of course, helps any utility mandated by its regulator to reduce overall energy consumption.

But devices alone don't help the utility to run a sophisticated demand response program—one that works without affecting the customer's level of comfort at home. They don't help the utility, operating in a competitive market, to retain customers. They don't help the utility to provide additional services to the home and generate new revenue streams to compensate for the reduction in energy usage.

Capgemini thinks it's time for a solution that benefits the utility as well as the consumer..



Utility Powerline

Capgemini's innovations have made us leaders in smart metering and smart grid. We also have many years of experience in smart home. Now we're developing a range of services for utilities that connects them directly with their customers, helping both to meet their energy management objectives. We're using the Intel® Home Dashboard as one of the platforms.

This platform is powered by the energy efficient Intel® Atom™ processor and its design means the consumer will not just 'set it and forget it'. Continued interaction means the consumer has an ongoing focus on reducing energy consumption and smoothing out peaks in demand. This, in turn, means an ongoing connection with the utility, the key to retention marketing and revenue generation programs.

Please contact Capgemini for more information about the development of a new concept in Smart Energy.

Why is Capgemini's Smart Energy Services Unique?

Capgemini's Smart Energy Services are real, in the market now and already making a difference for utilities around the world. We support utilities and their customers by delivering sustainable energy efficiency and environmental solutions—transforming utility operations and customer fulfillment. Our commitment is strong with more than 7,000 professionals dedicated to the utility sector.

Capgemini's Smart Energy Services:

- Offers a unique, turn-key solution called Managed Business Services, which has a usage-based pricing model
- Offers strategic relationships and delivery experience from an ecosystem of long-standing global technology partners
- Has extensive utilities industry experience with an unequaled track record for successful innovation and delivery. We offer our clients lessons learned and a growing knowledge base
- Leads the industry in the delivery of smart energy solutions in mass deployment and production

For more information about Smart Energy Services, please visit www.capgemini.com/smartenergy.



About Capgemini and the Collaborative Business Experience

Capgemini, one of the world's foremost providers of consulting, technology and outsourcing services, enables its clients to transform and perform through technologies. Capgemini provides its clients with insights and capabilities that boost their freedom to achieve superior results through a unique way of working, the Collaborative Business Experience™. The Group relies on its global delivery model called Rightshore®,

which aims to get the right balance of the best talent from multiple locations, working as one team to create and deliver the optimum solution for clients. Present in more than 30 countries, Capgemini reported 2009 global revenues of EUR 8.4 billion (approximately USD \$11.6 billion) and employs 90,000 people worldwide.

More information is available at www.capgemini.com/smartenergy

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