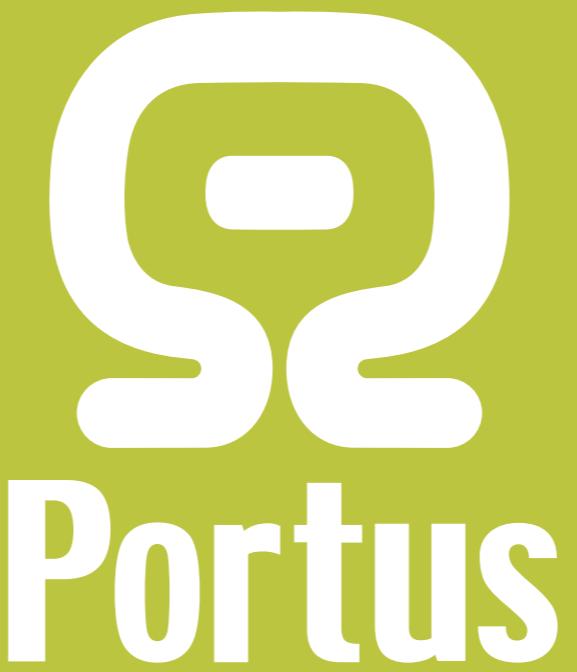




Loura2



Driving the intelligent energy revolution



Driving the intelligent energy revolution

Tim Lindquist

what we do



what we do



what we do

- Home dashboard



what we do



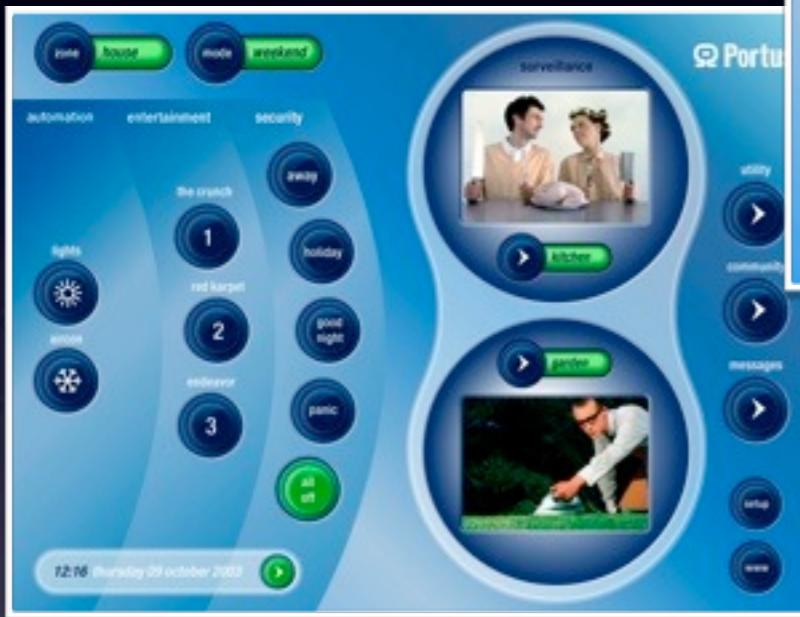
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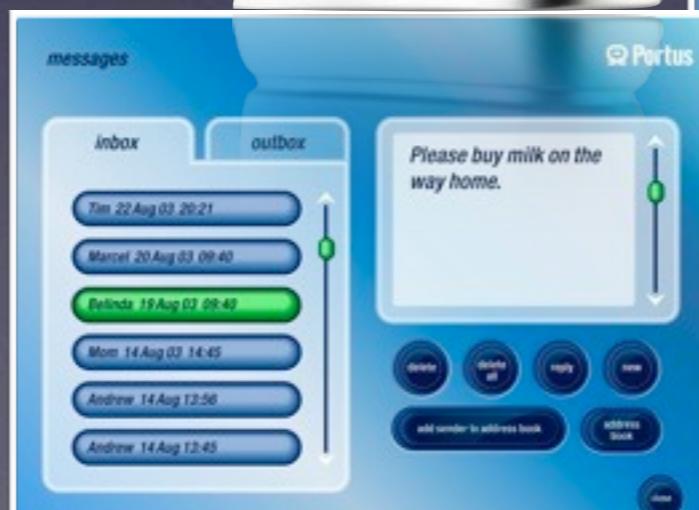
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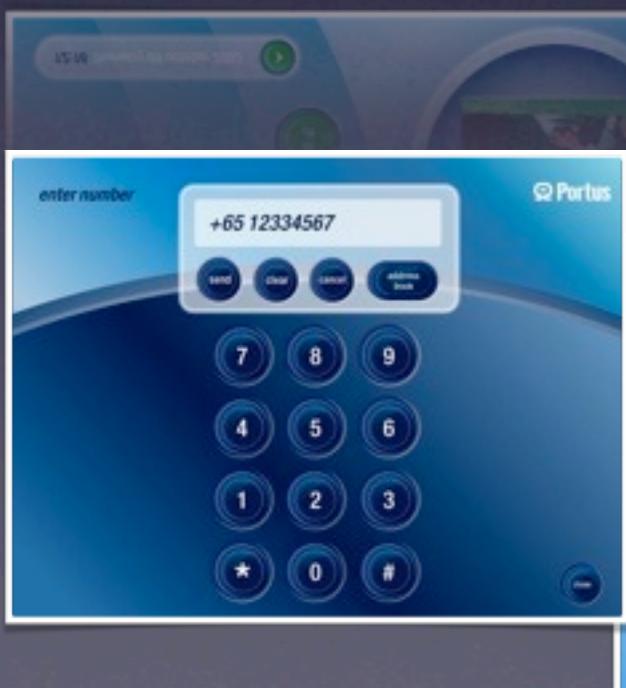
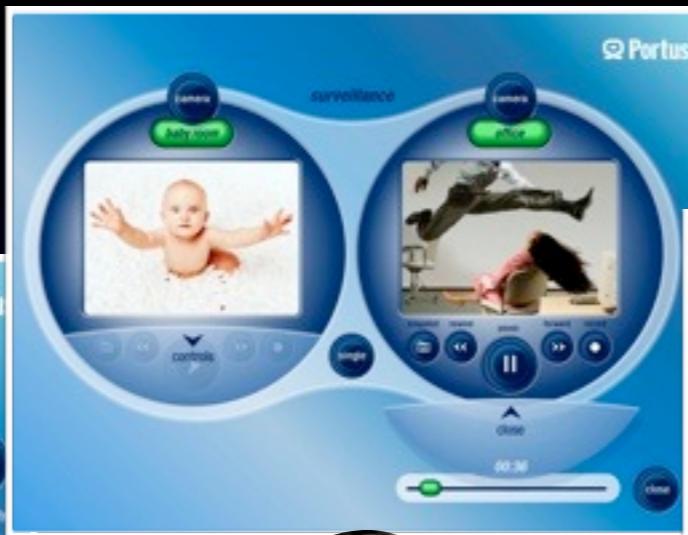
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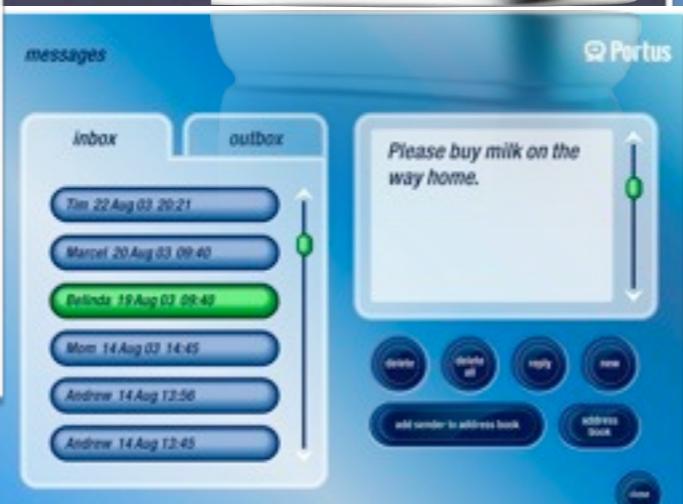
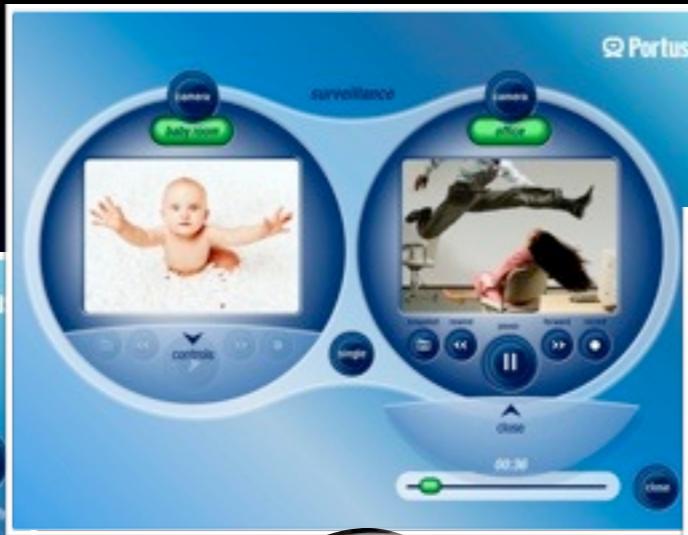
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- Smart grid solutions

who we are



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 - adoption of Smart Grids and Demand Response (DR) will explode in order to mitigate these problems

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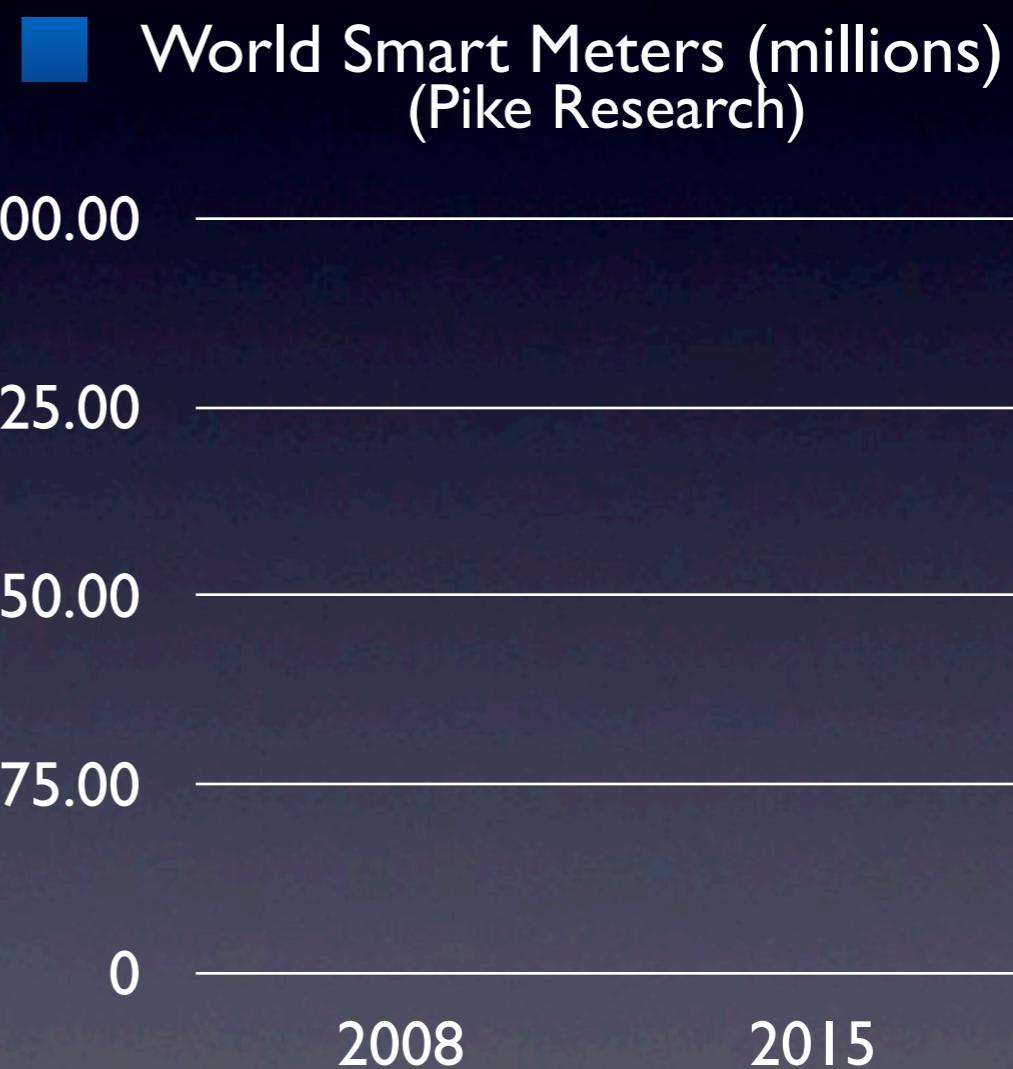
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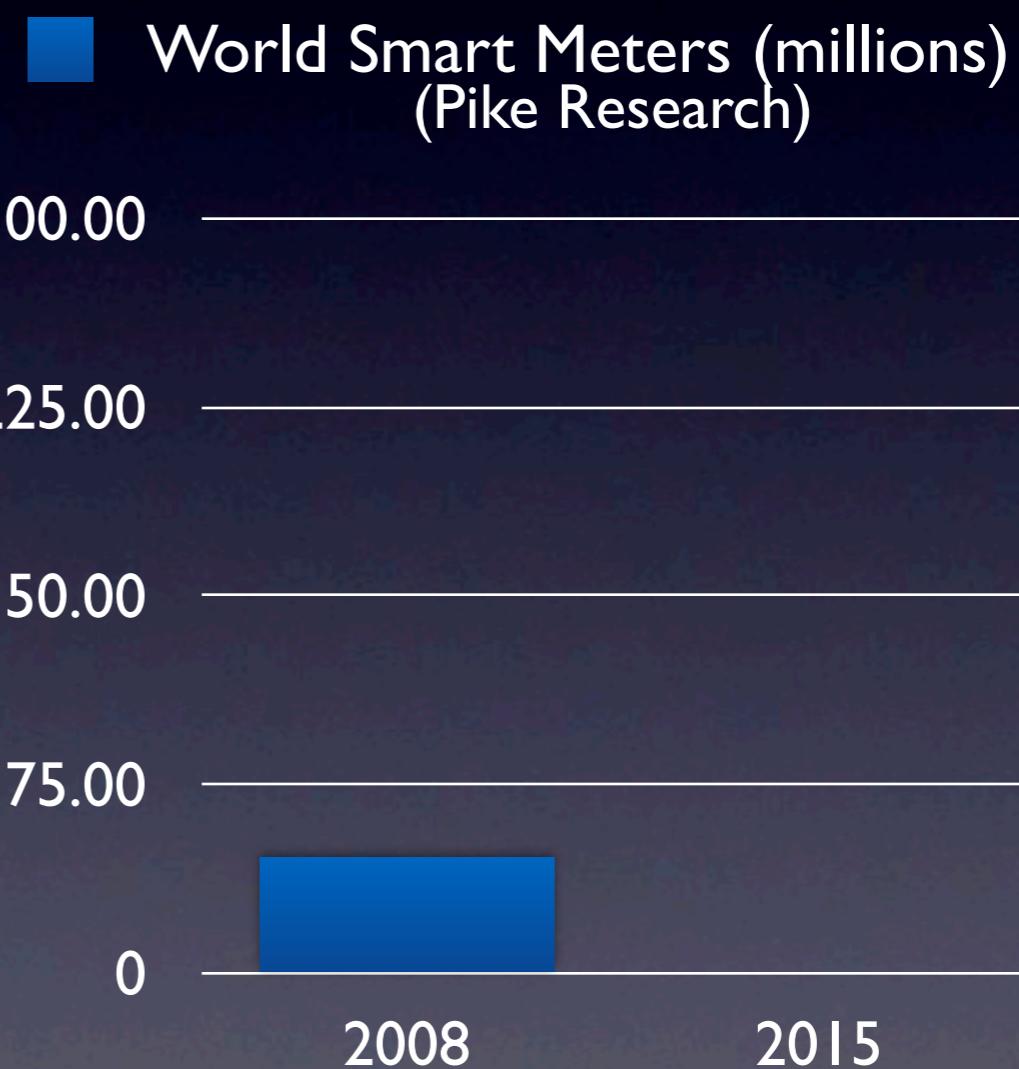
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 - global warming is leading to heightened concern over individuals' carbon footprints and a desire to be able to monitor the impact of key loads at home
 - these trends will be amplified as ETS are introduced around the world, exposing consumers to escalating energy cost pressure

market -smart meters

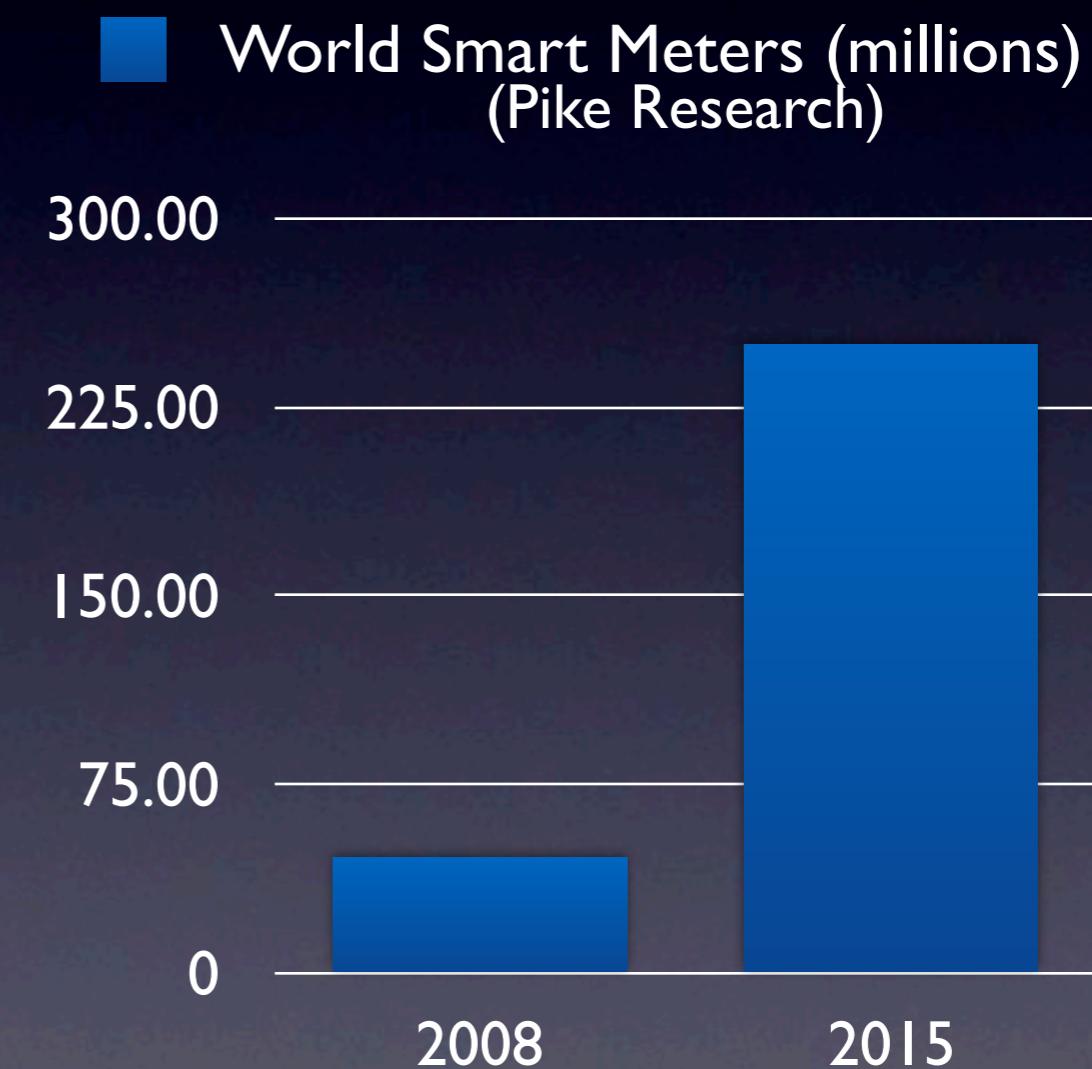
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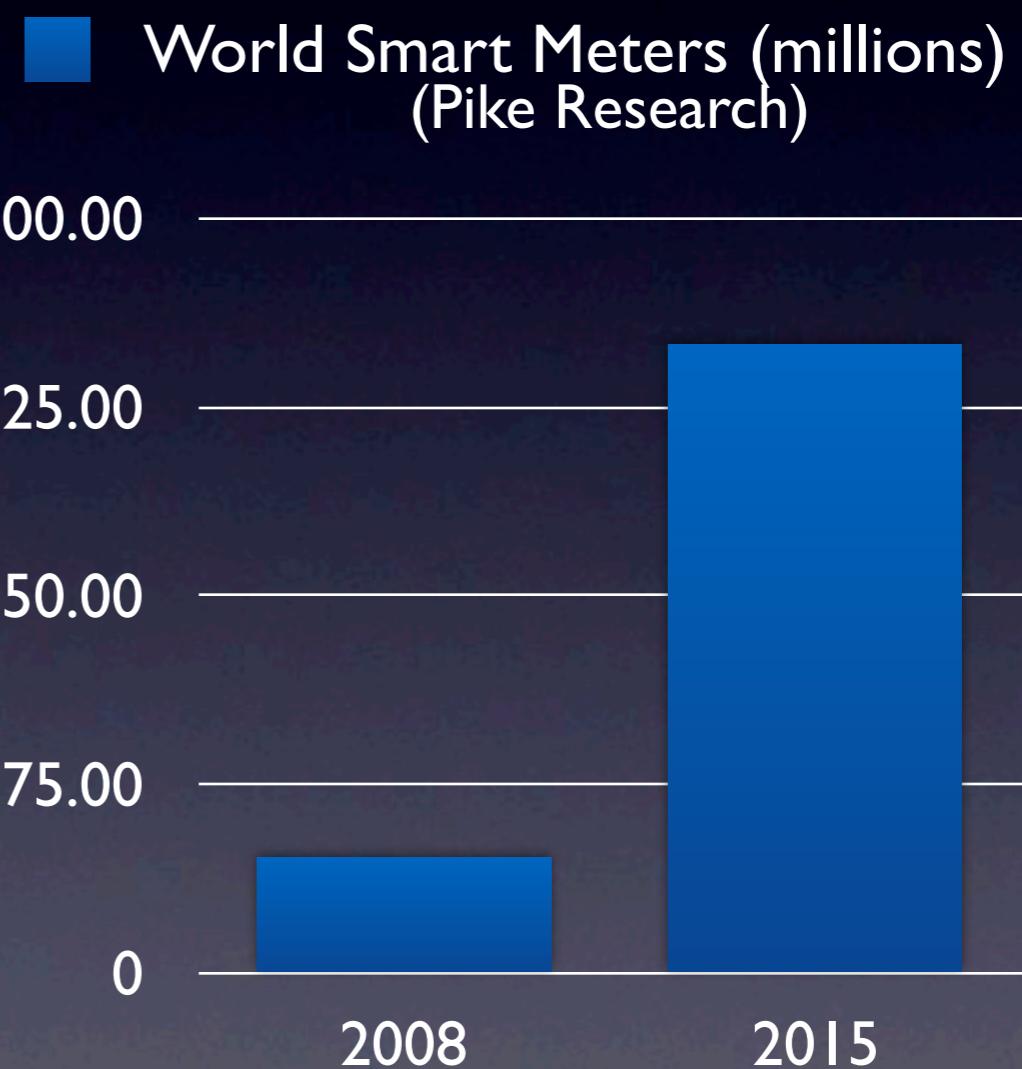


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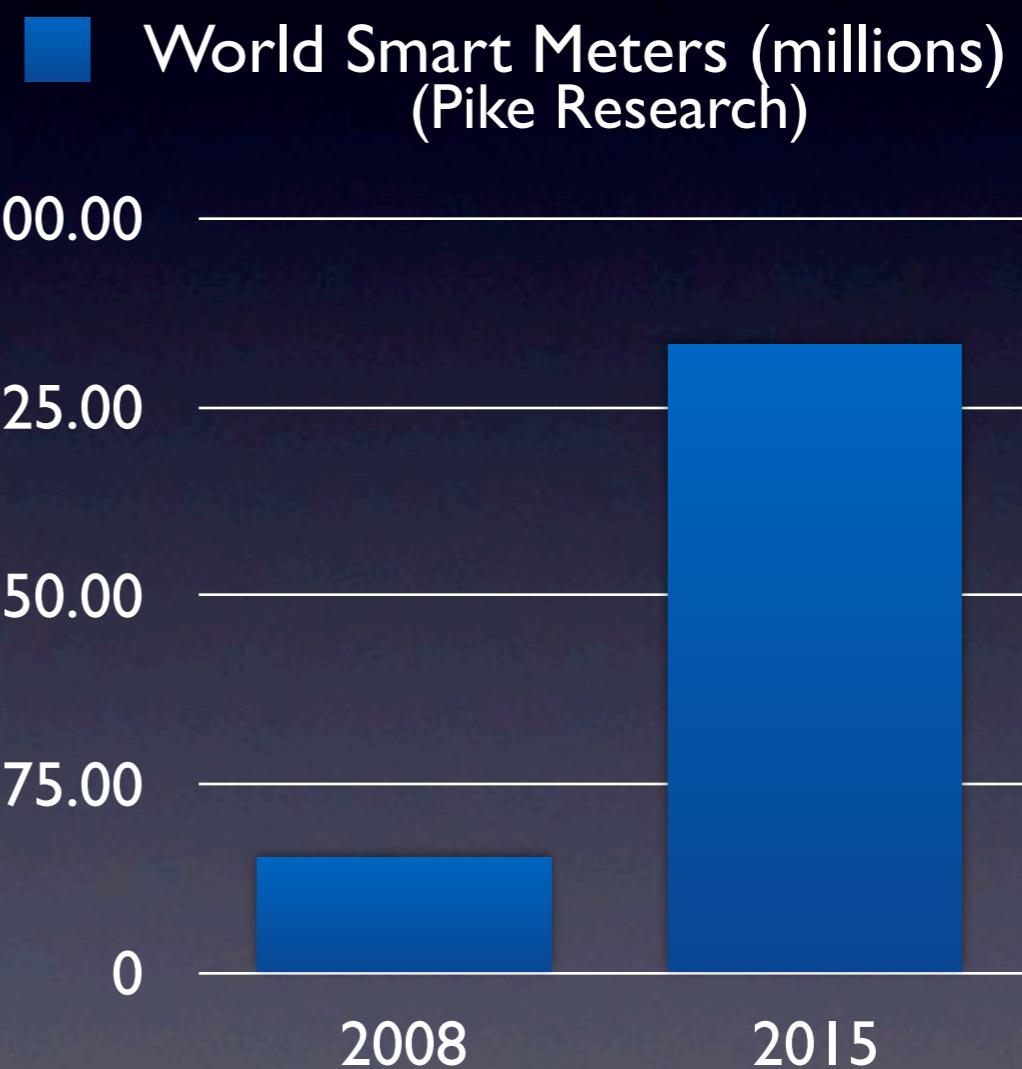
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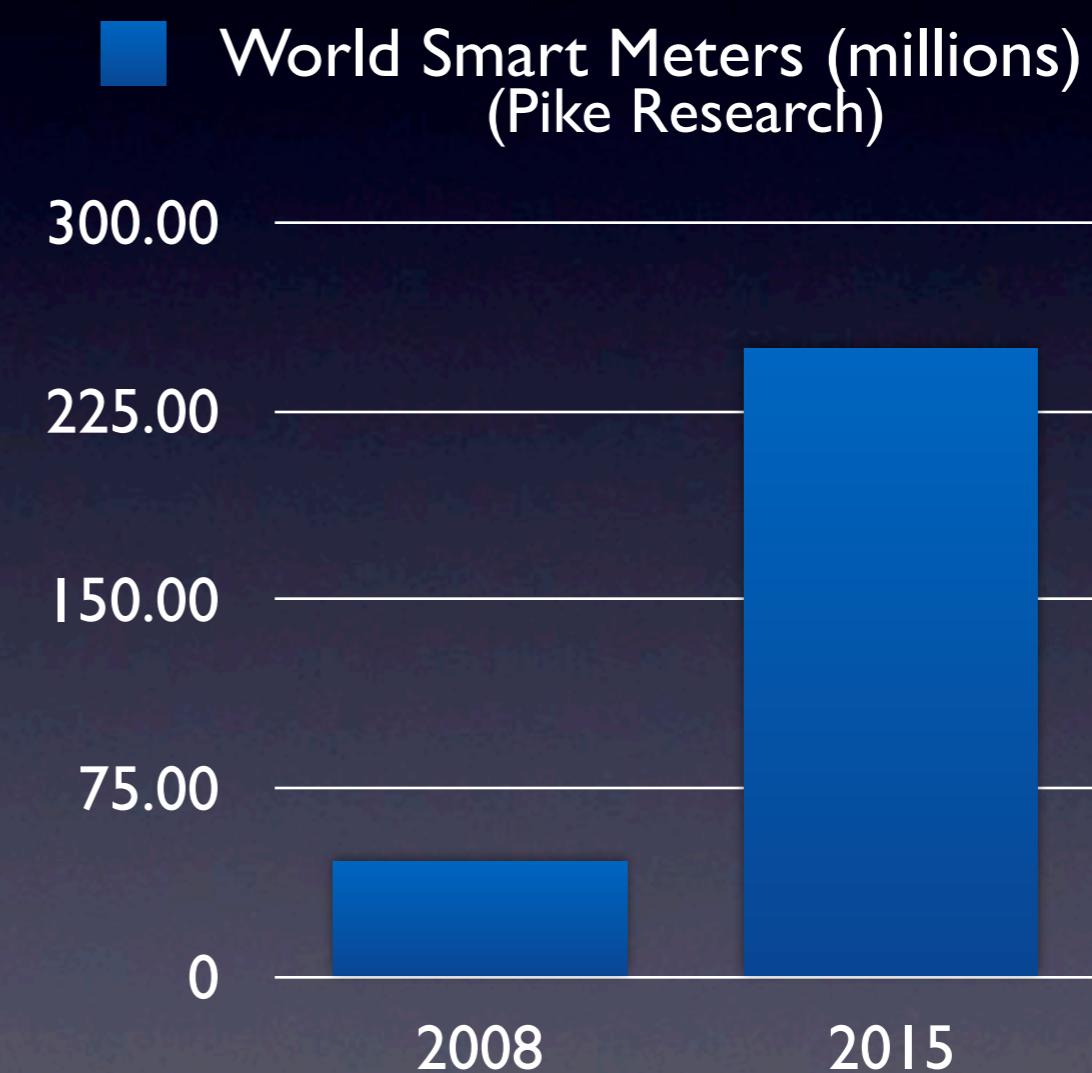
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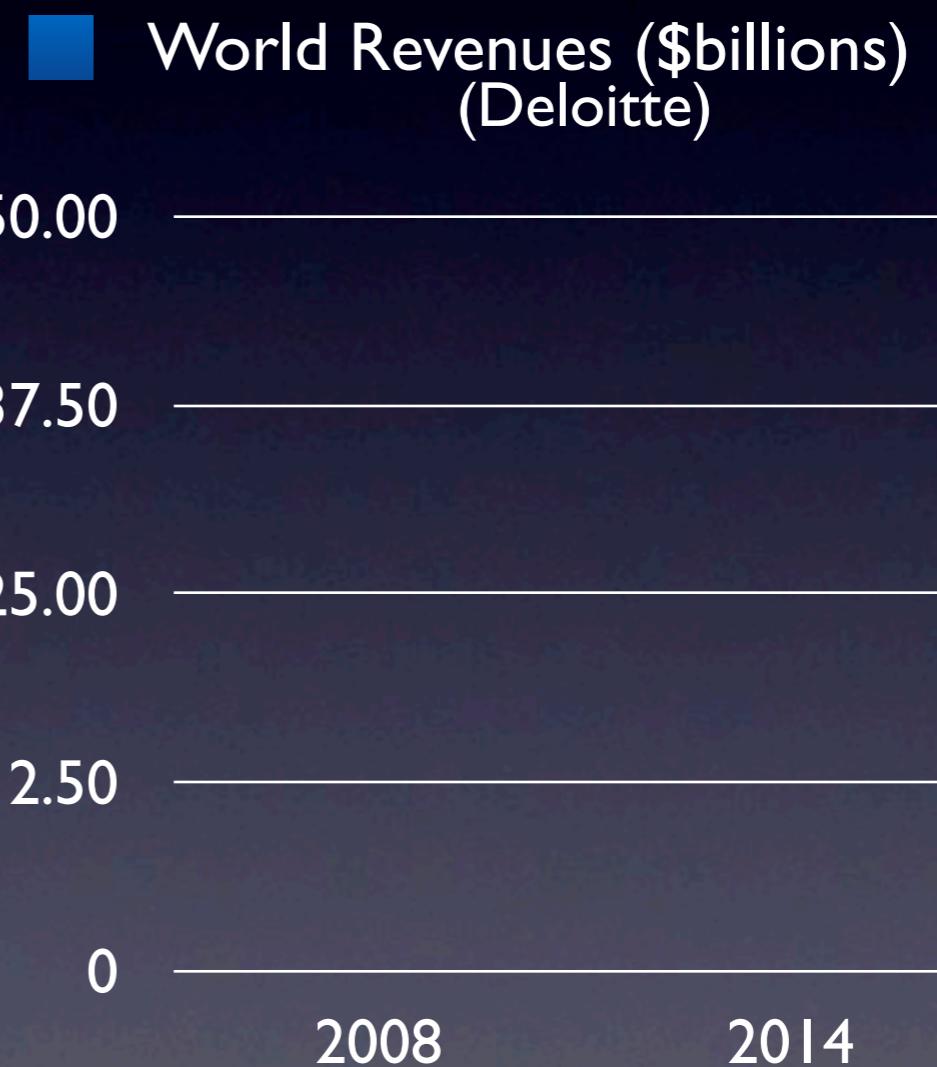
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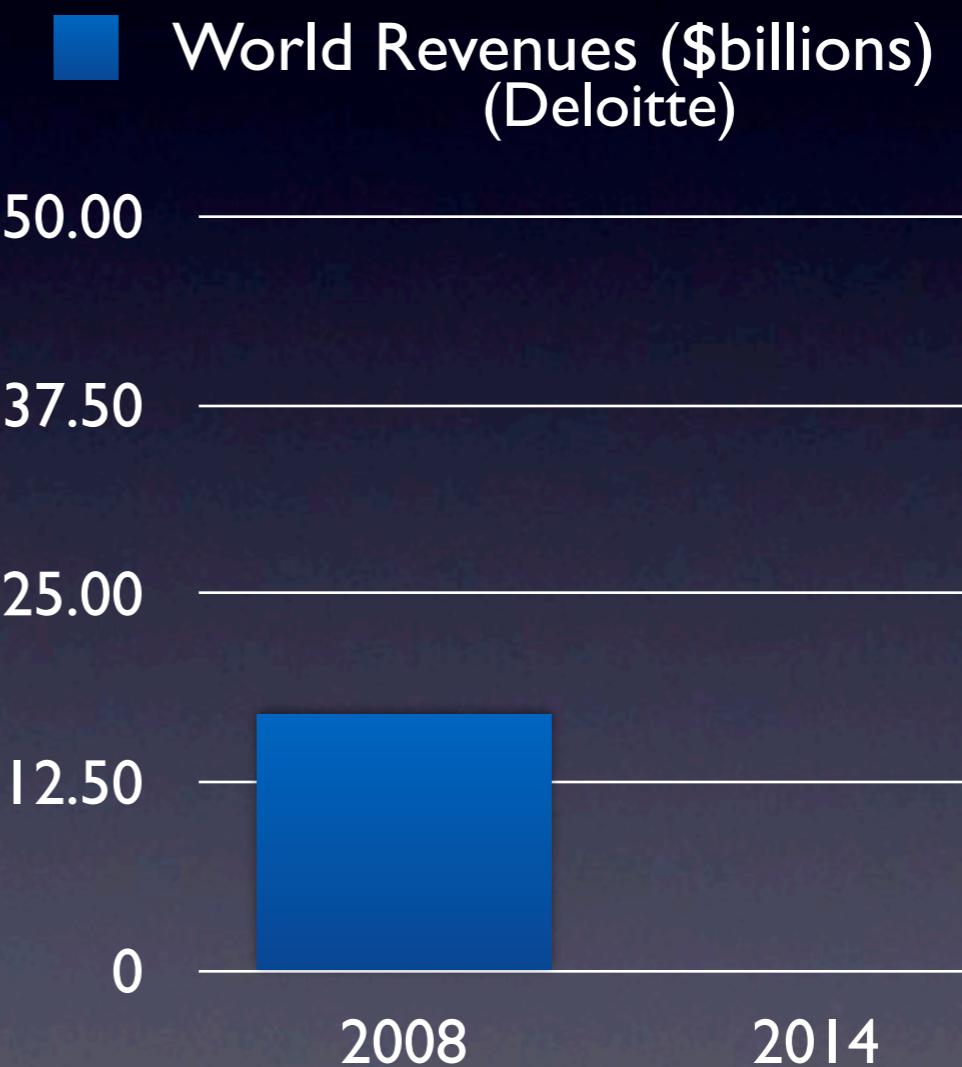


market - smart grid

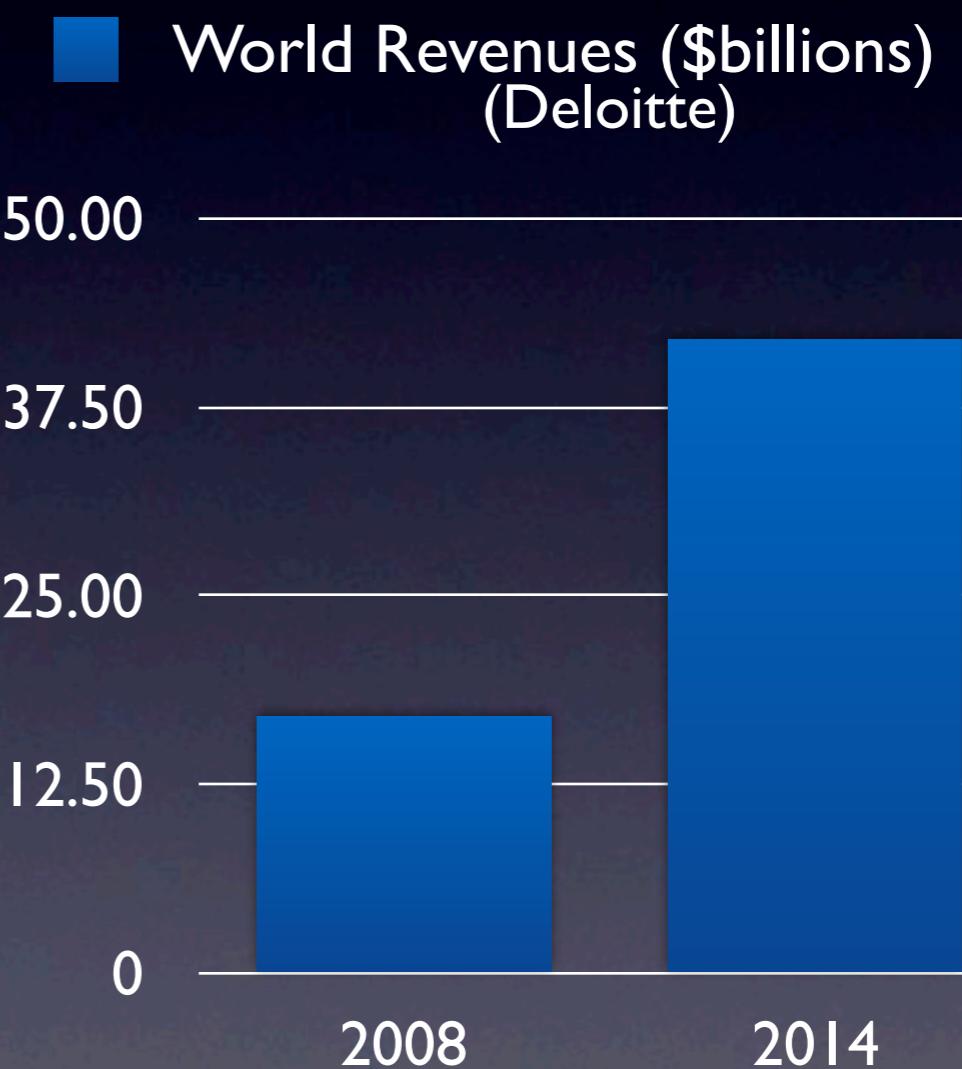
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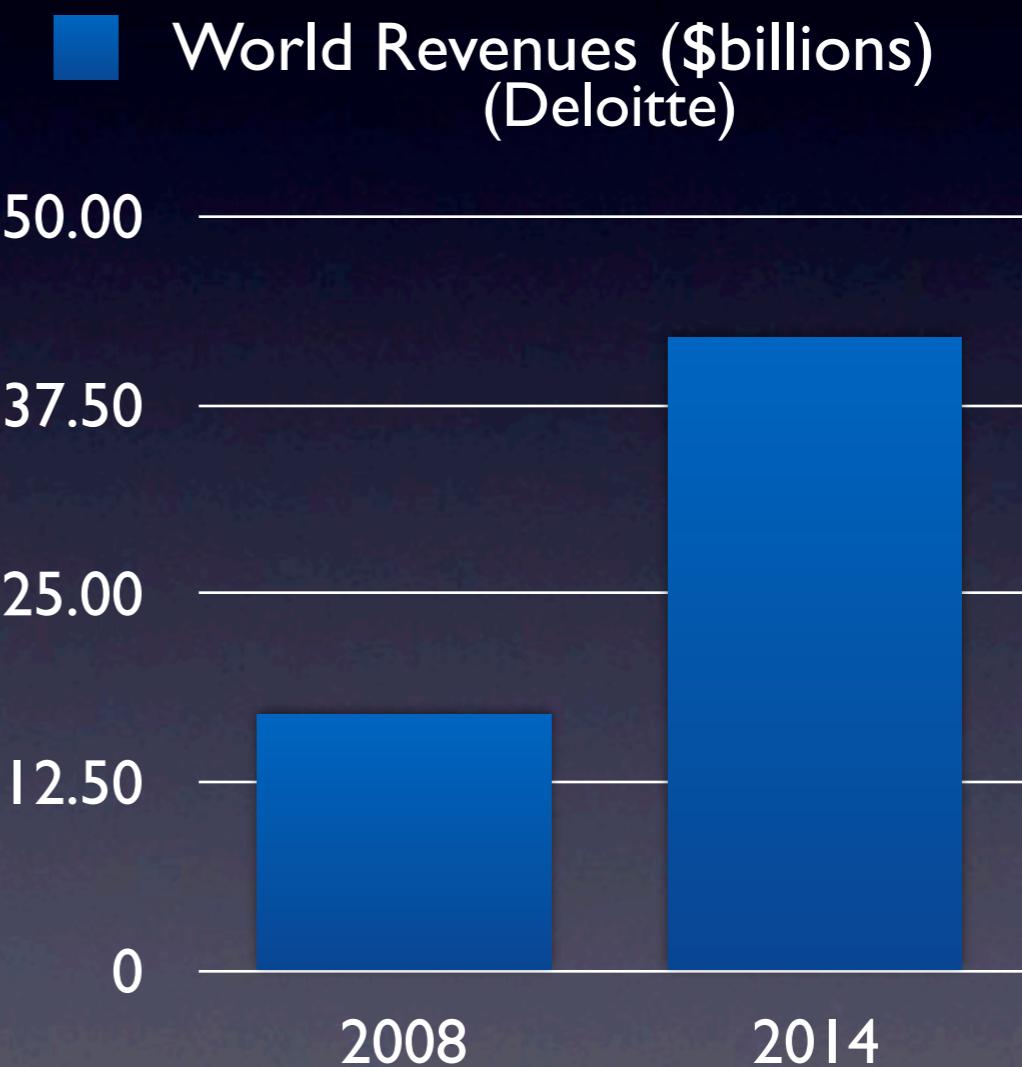


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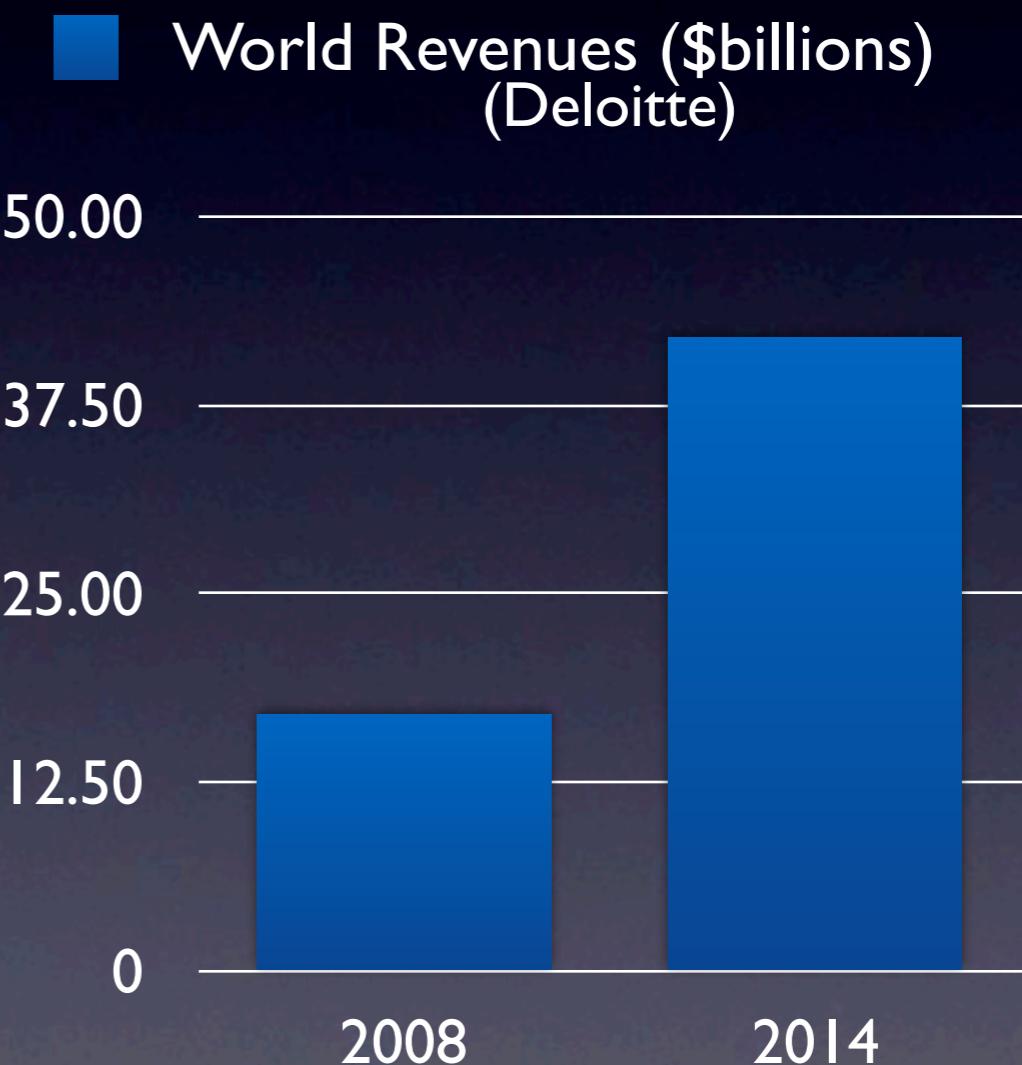
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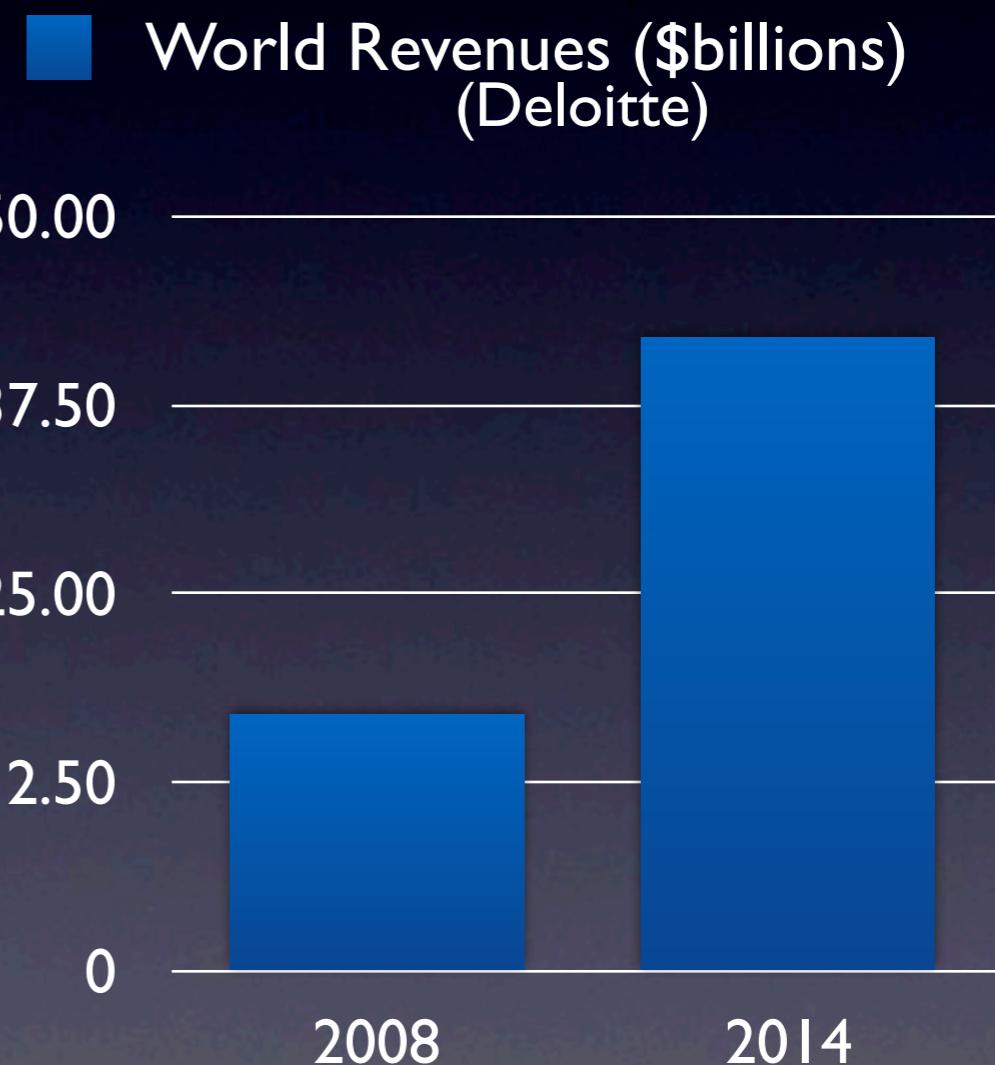
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market - DR



AMI



Electric Vehicle



Substation Automation



Demand Response



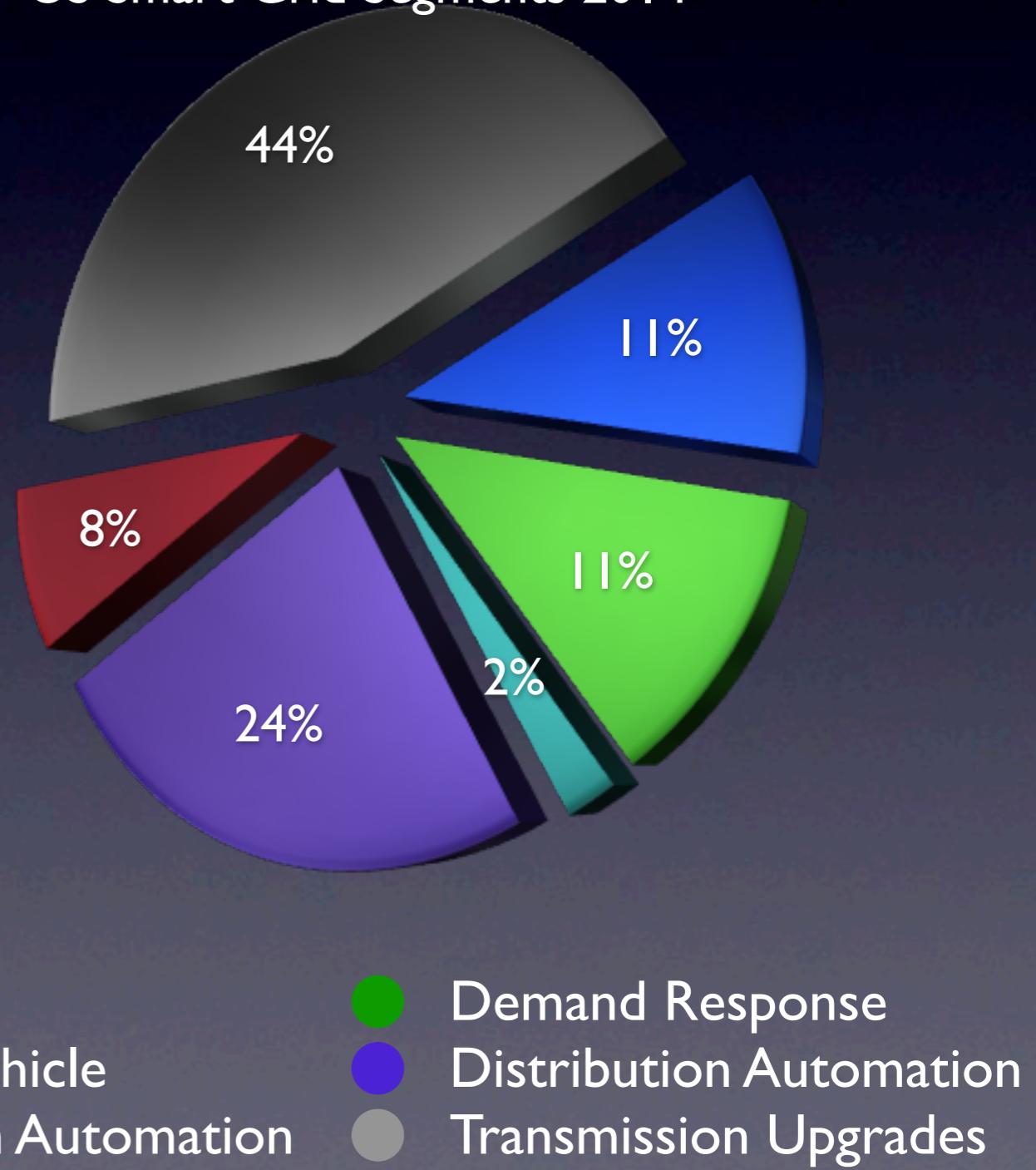
Distribution Automation



Transmission Upgrades

market - DR

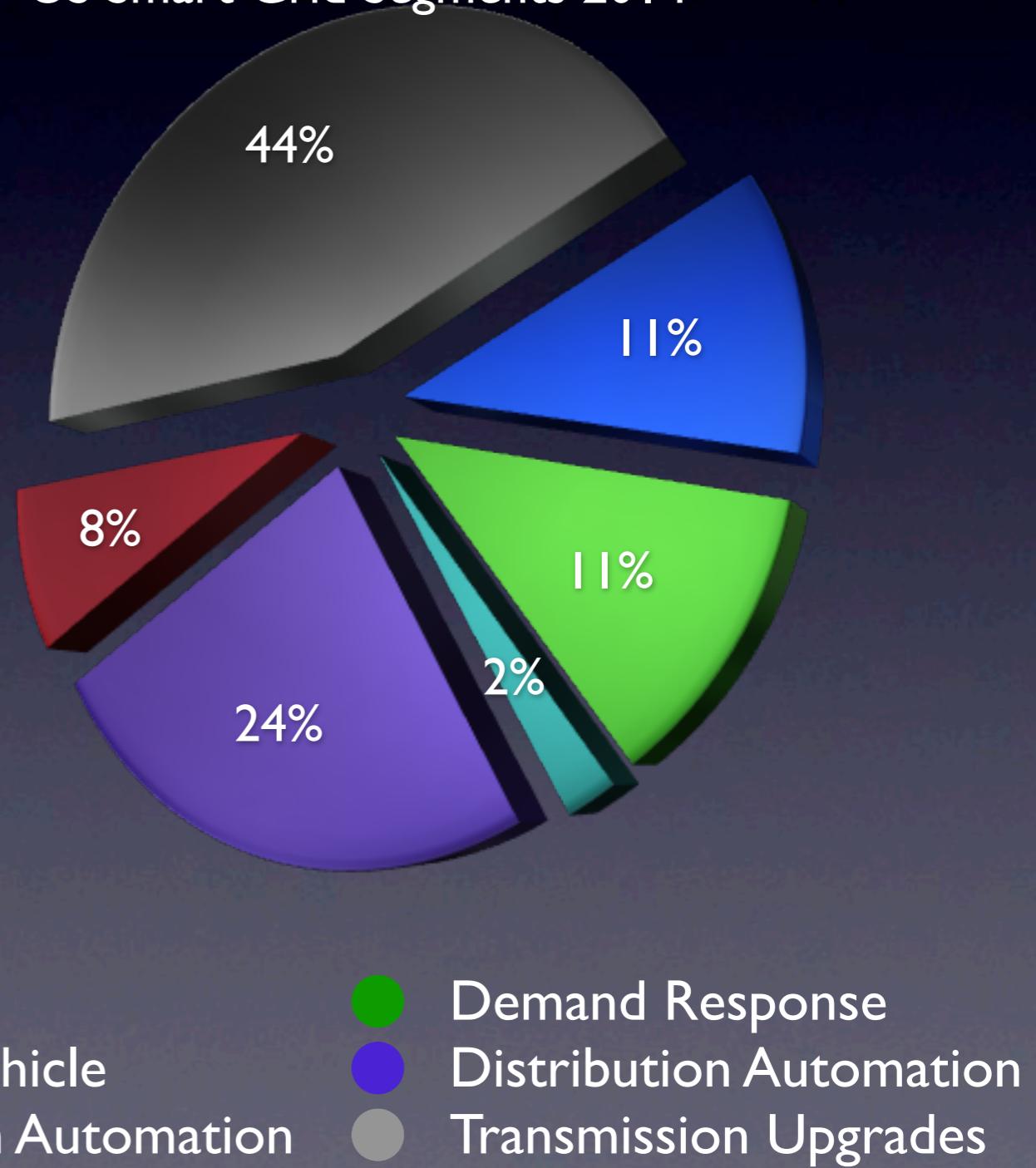
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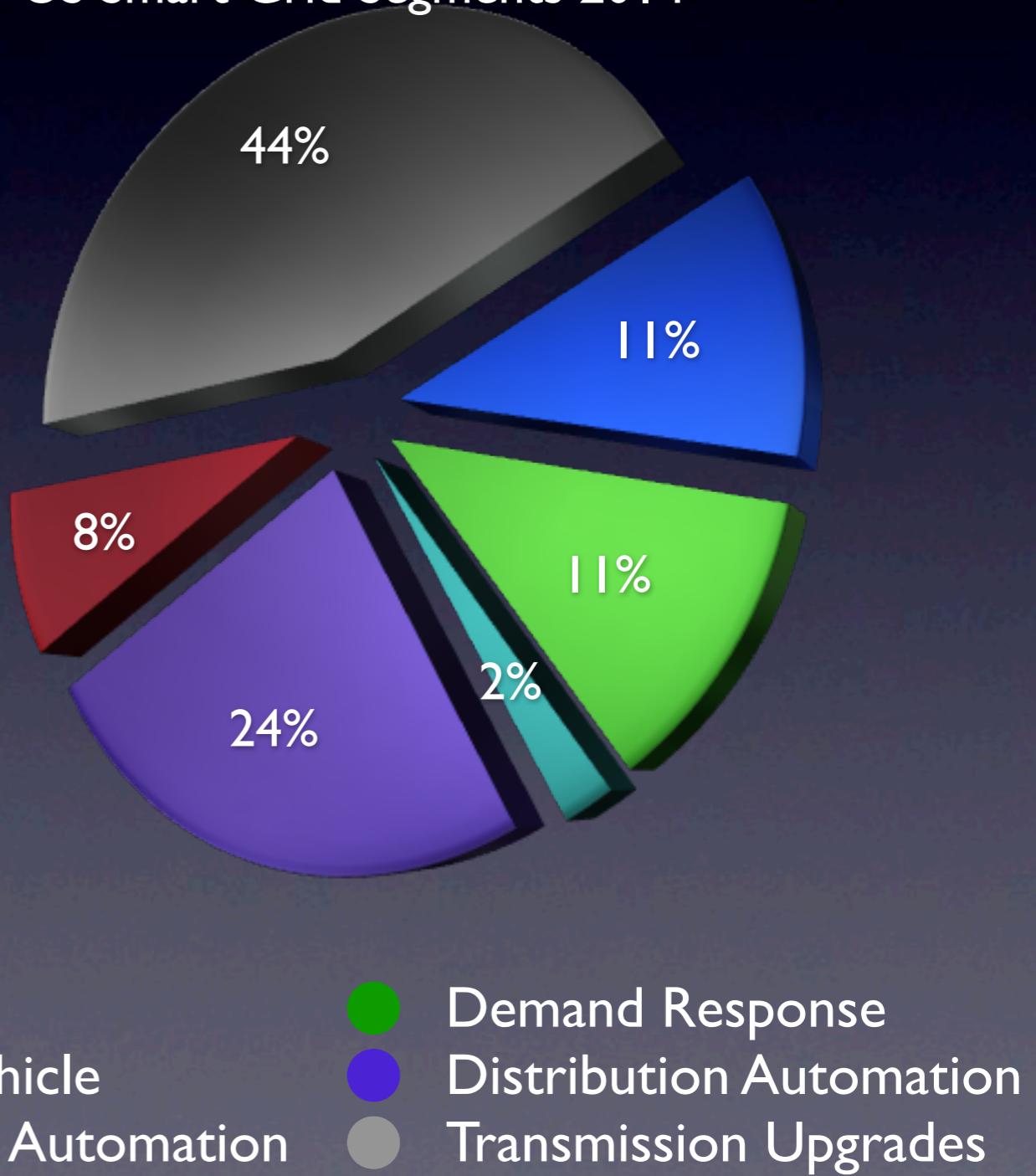
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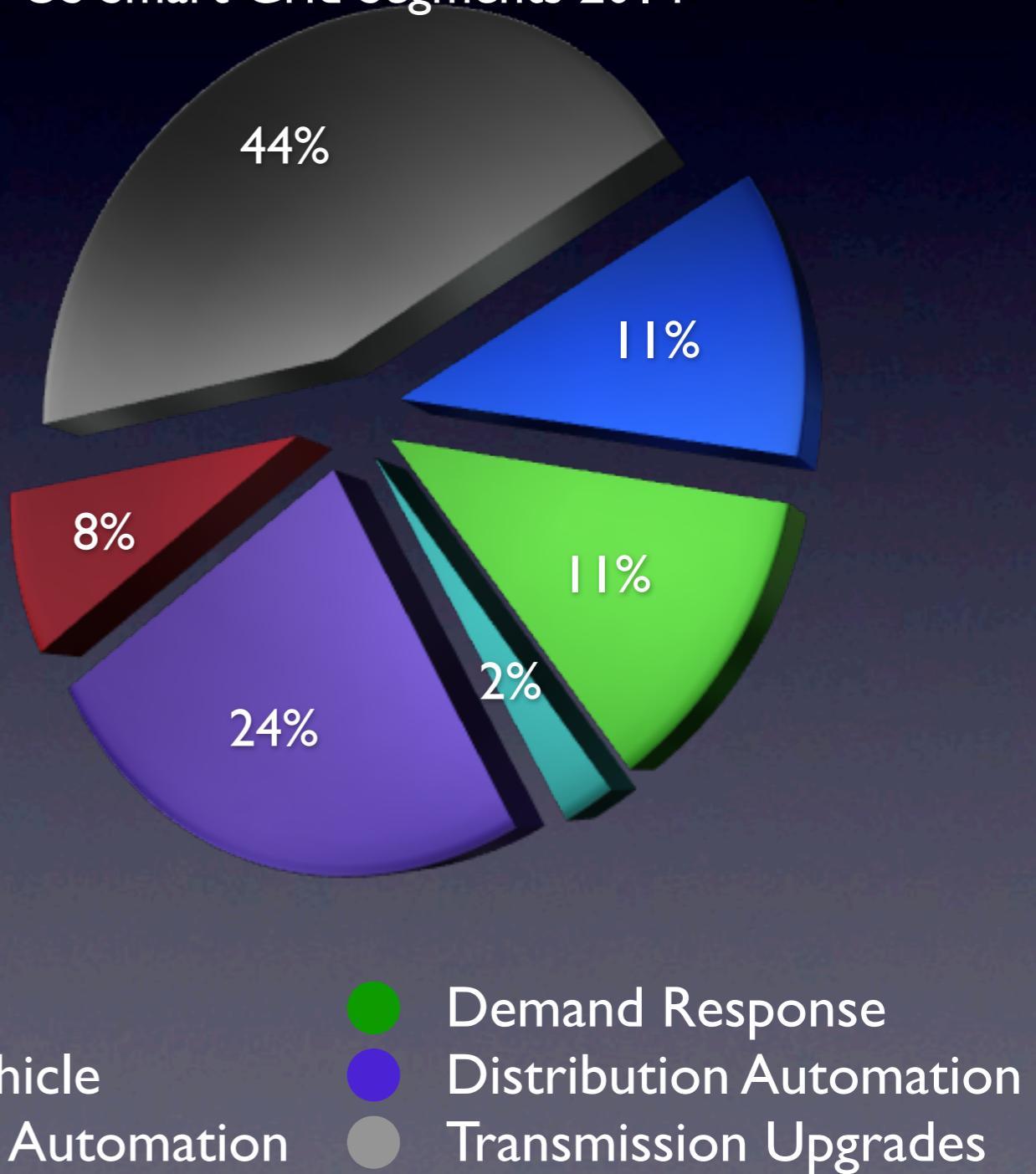
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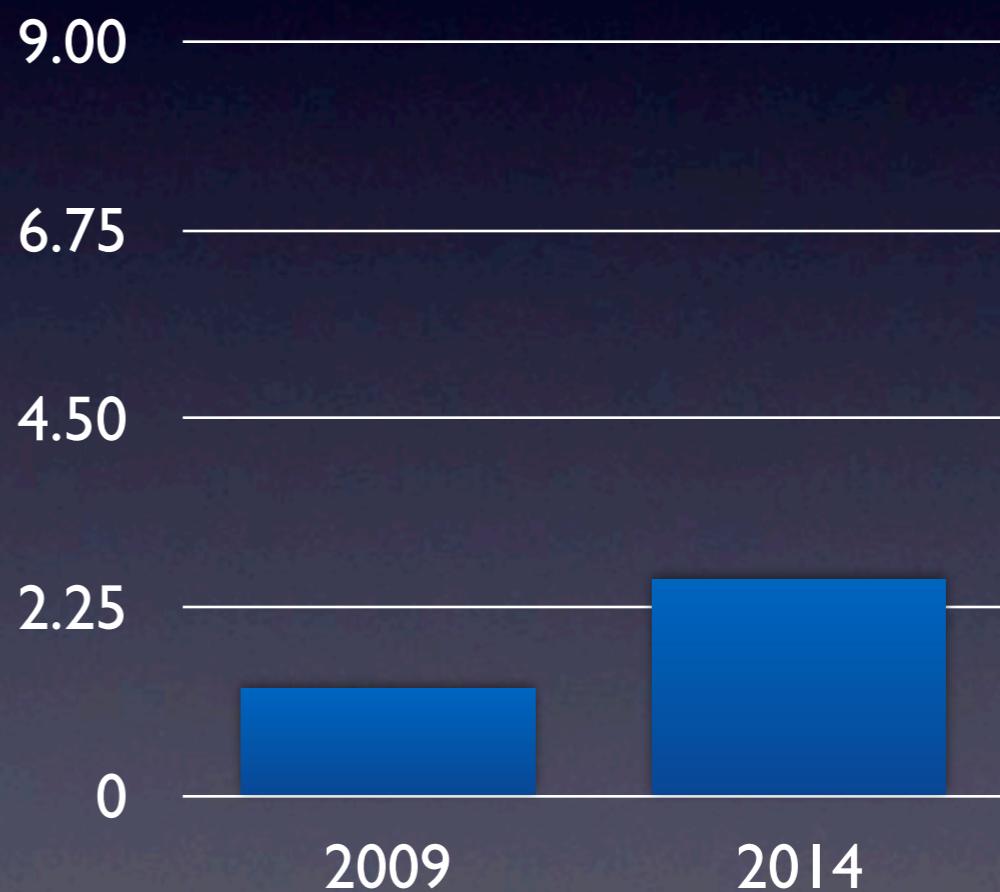


market - energy mgmt

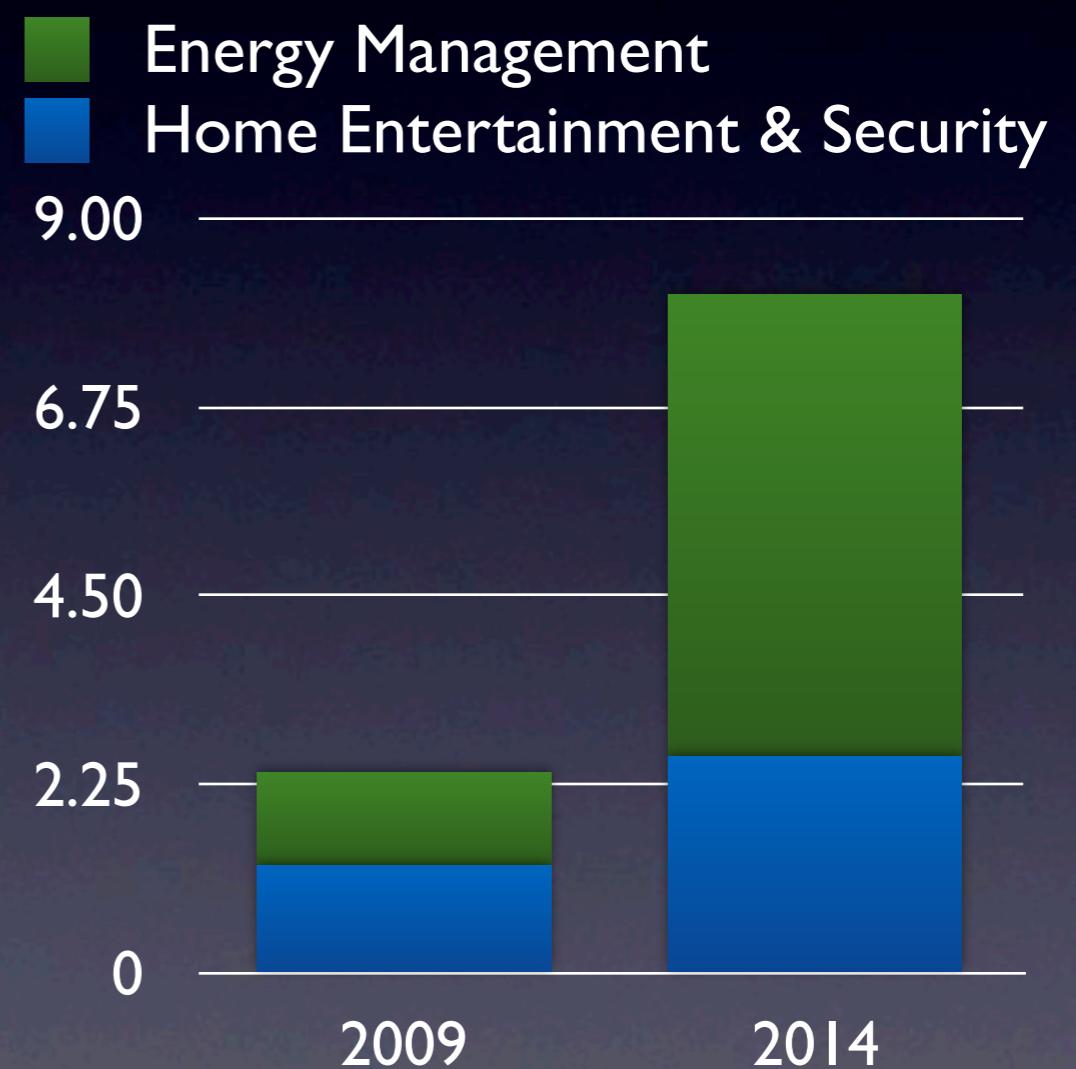
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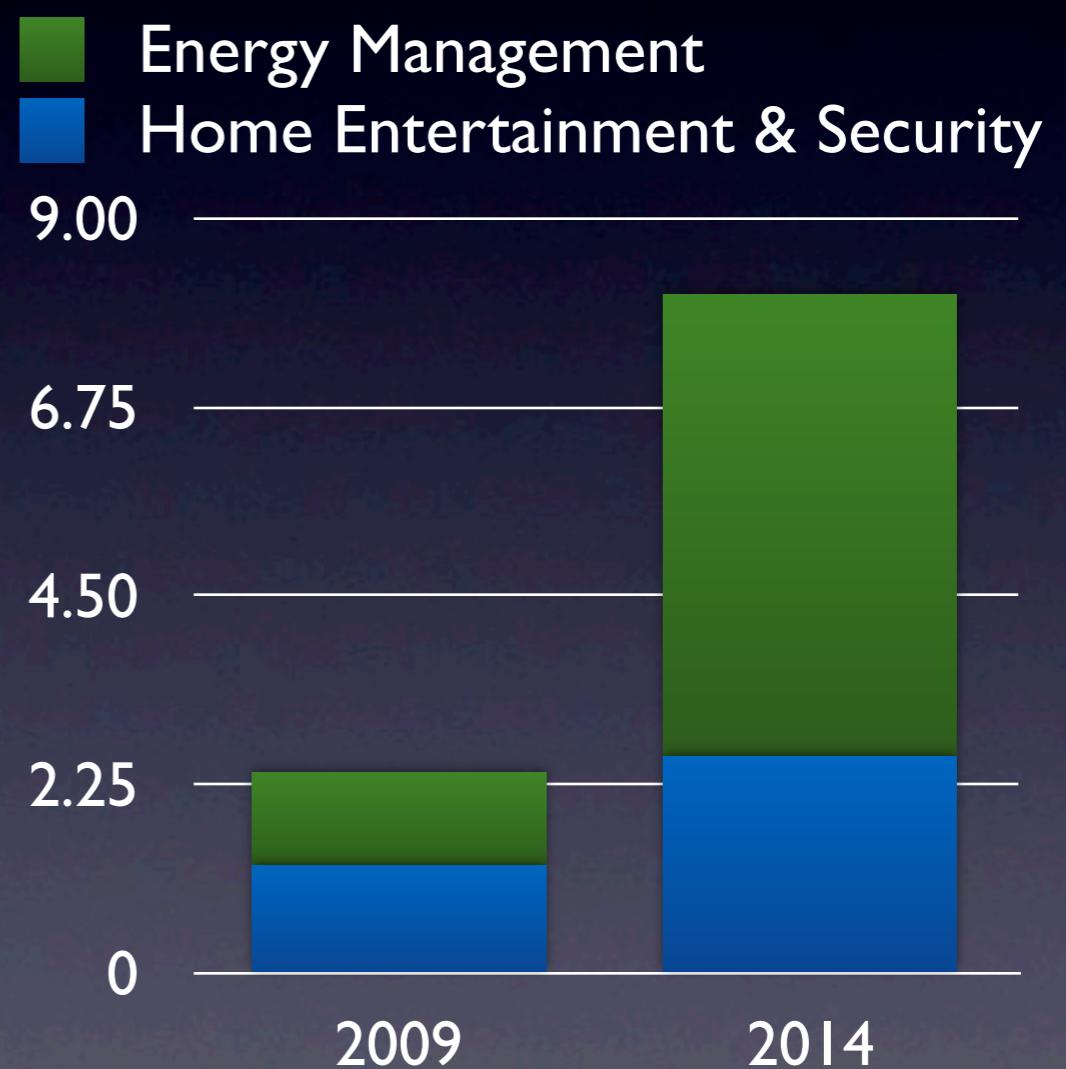


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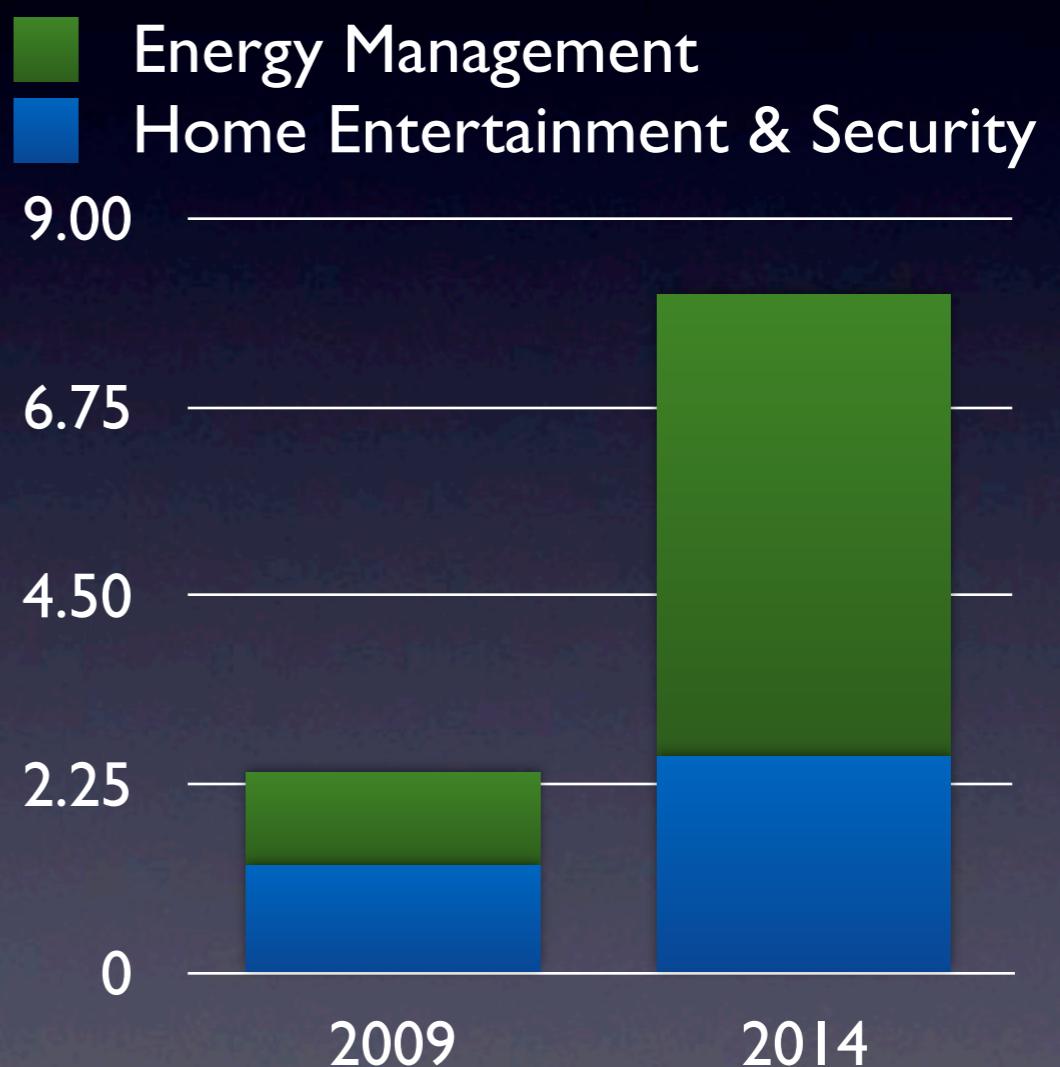
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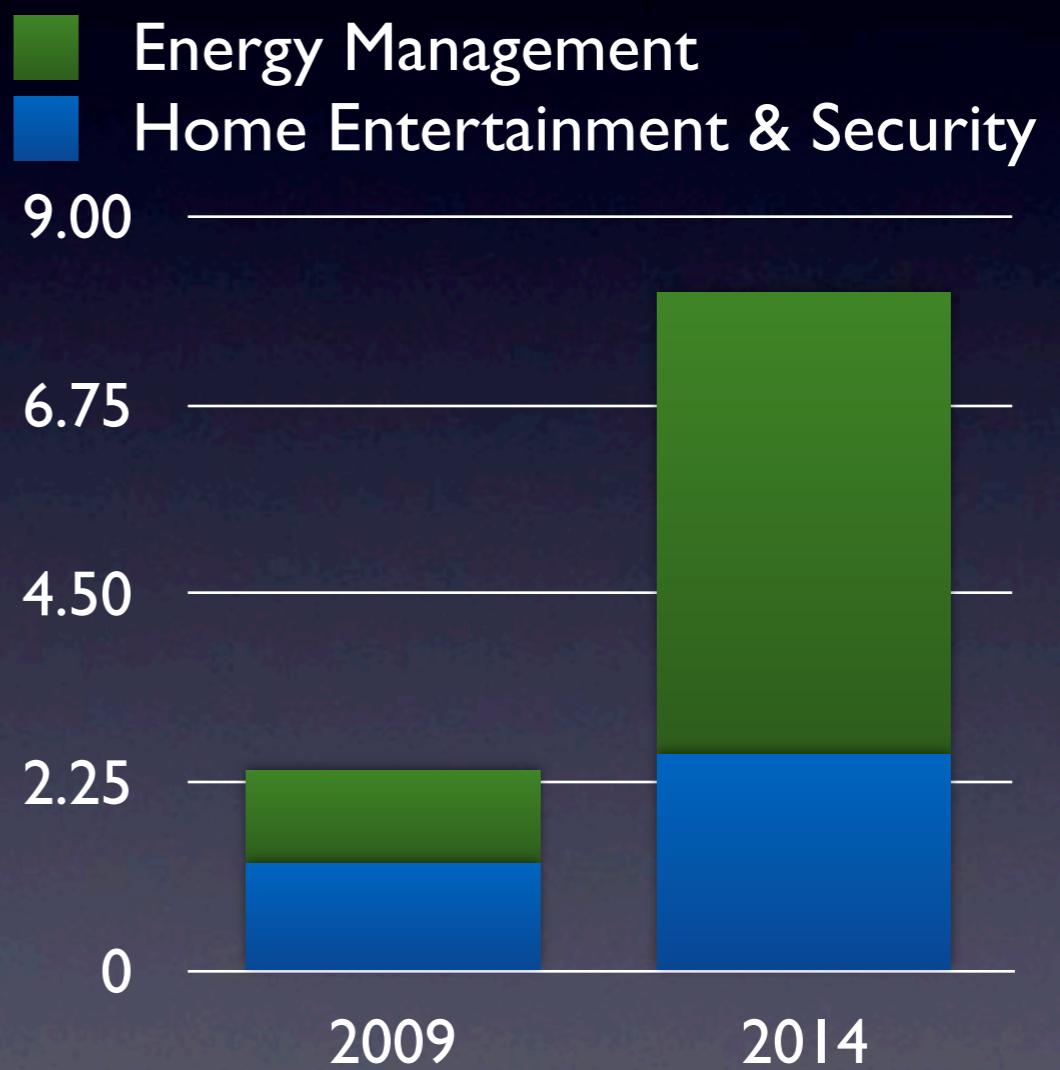
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our strategy



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solution - gateway



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solution - portal

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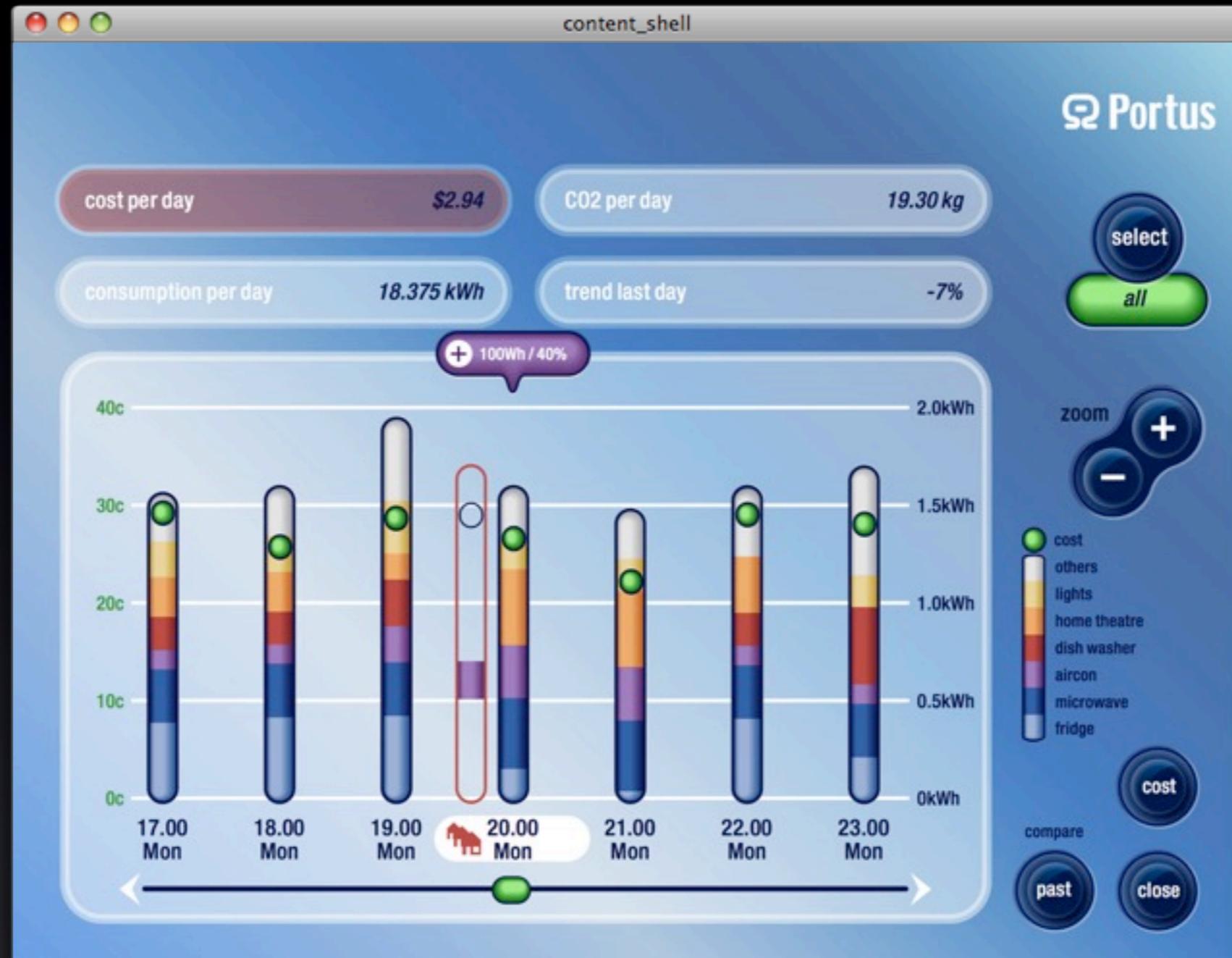
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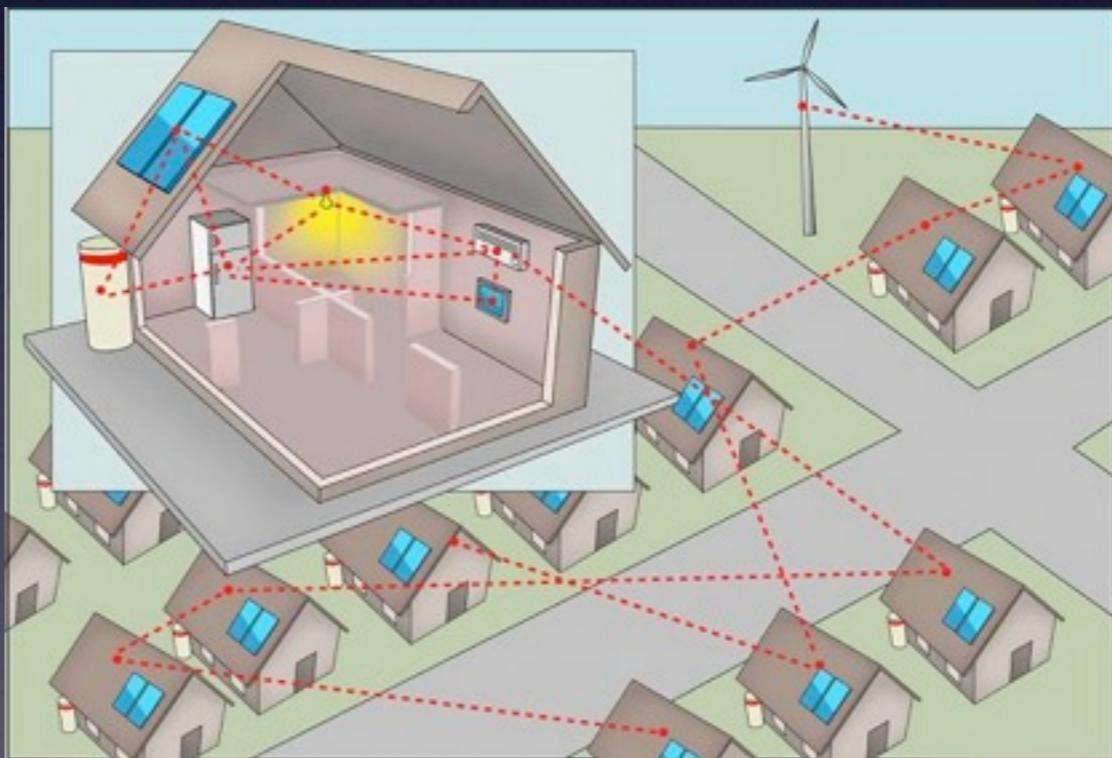
home energy mgr

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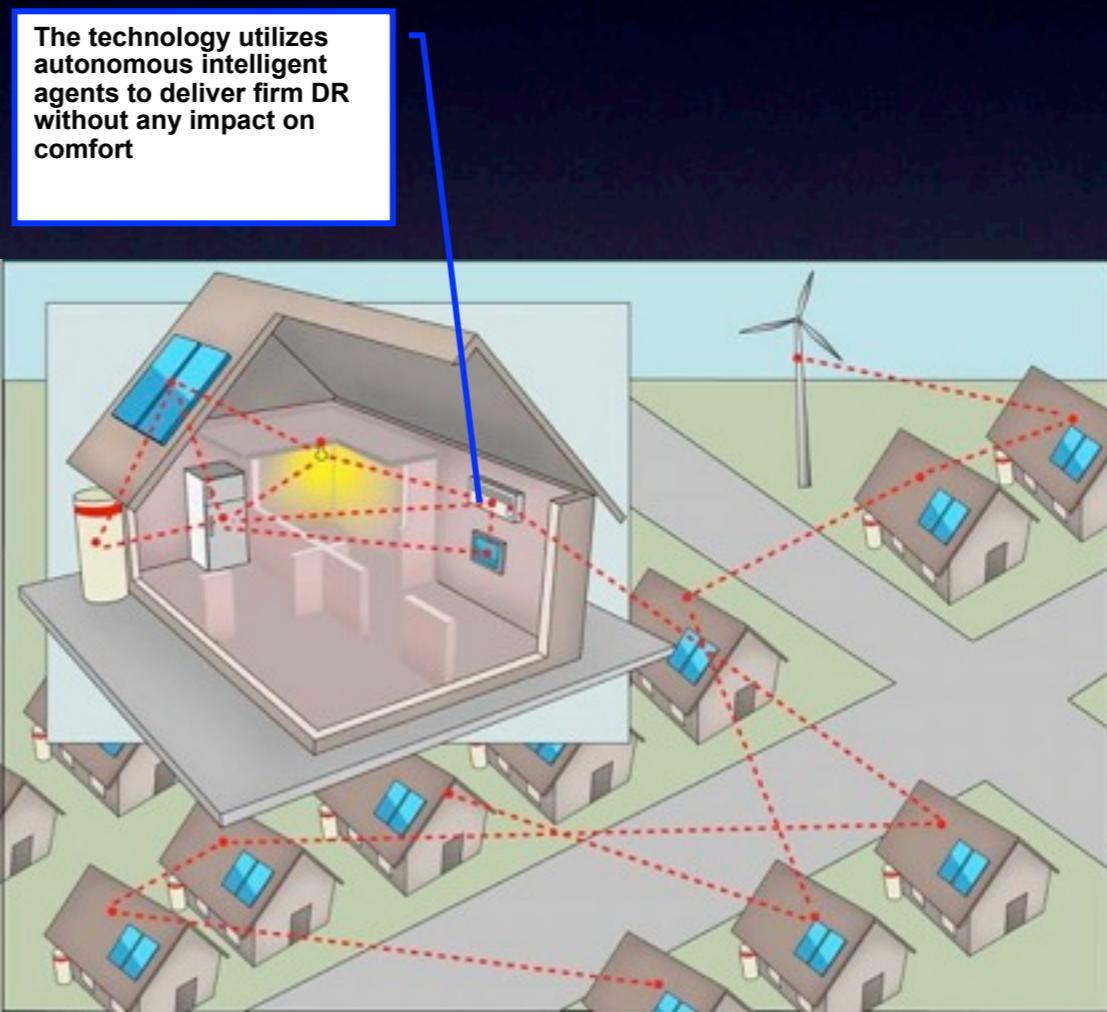
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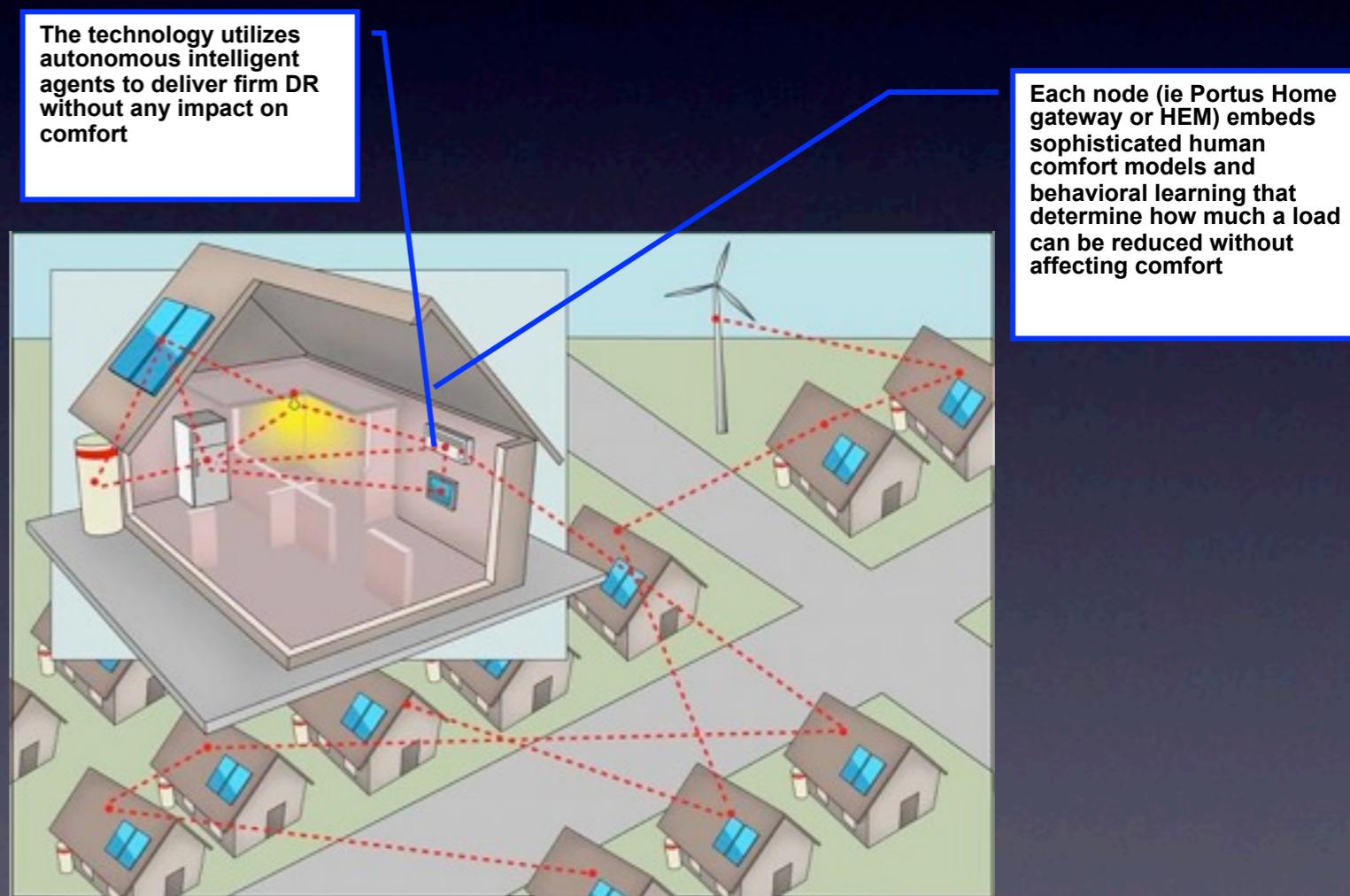
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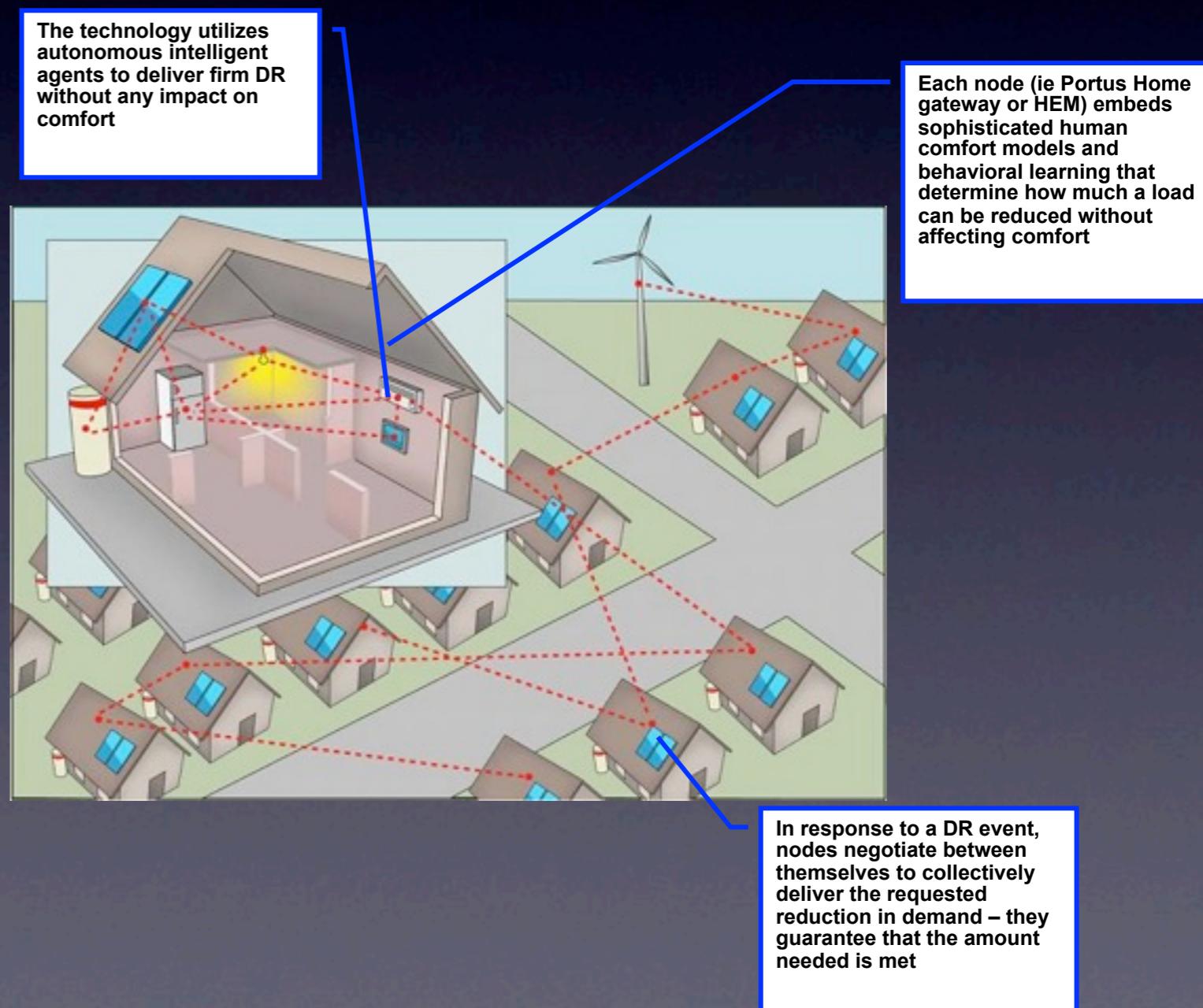
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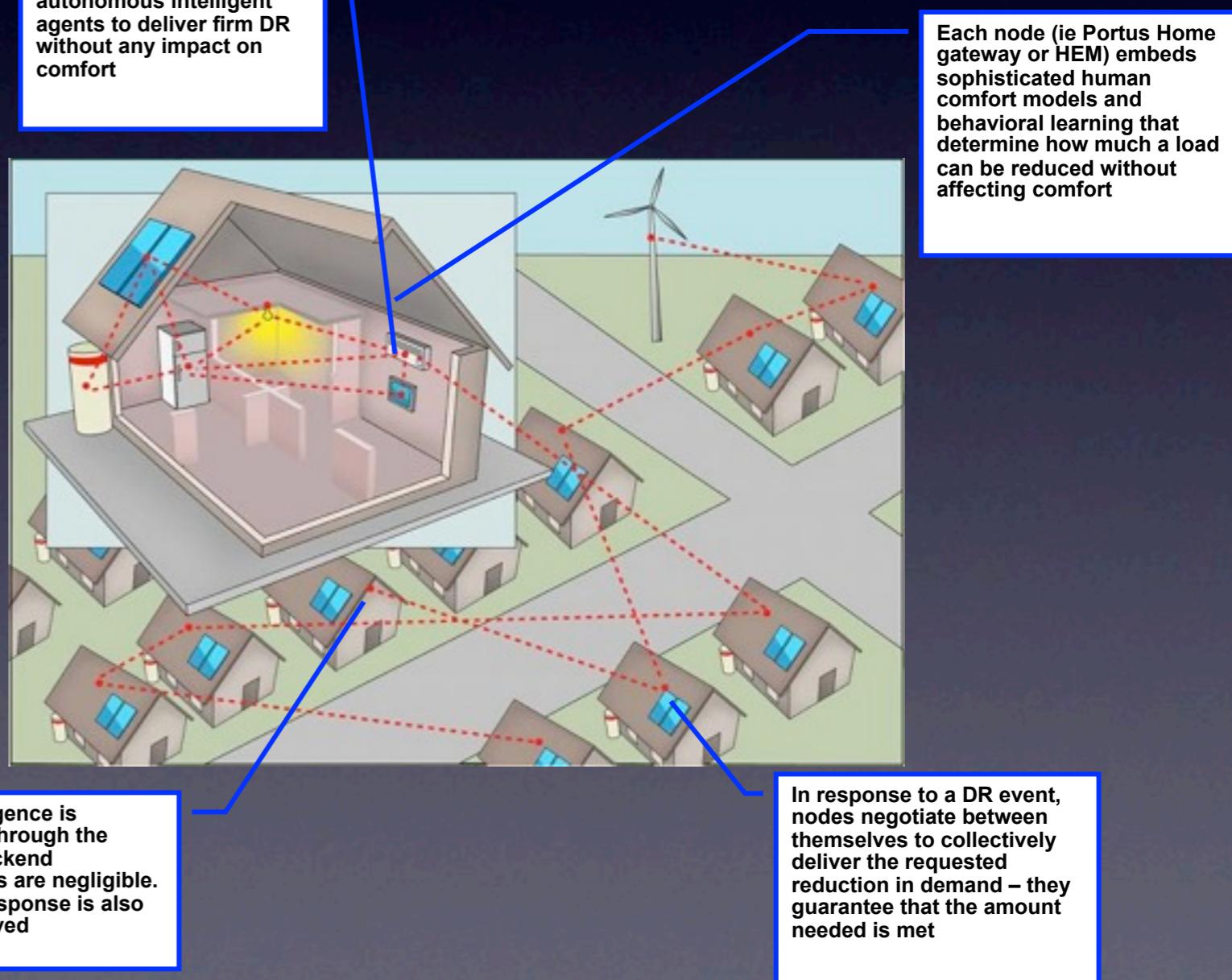
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- The home energy manager combines CSIRO smart agent technology with the Portus Home platform in a sub \$50 device



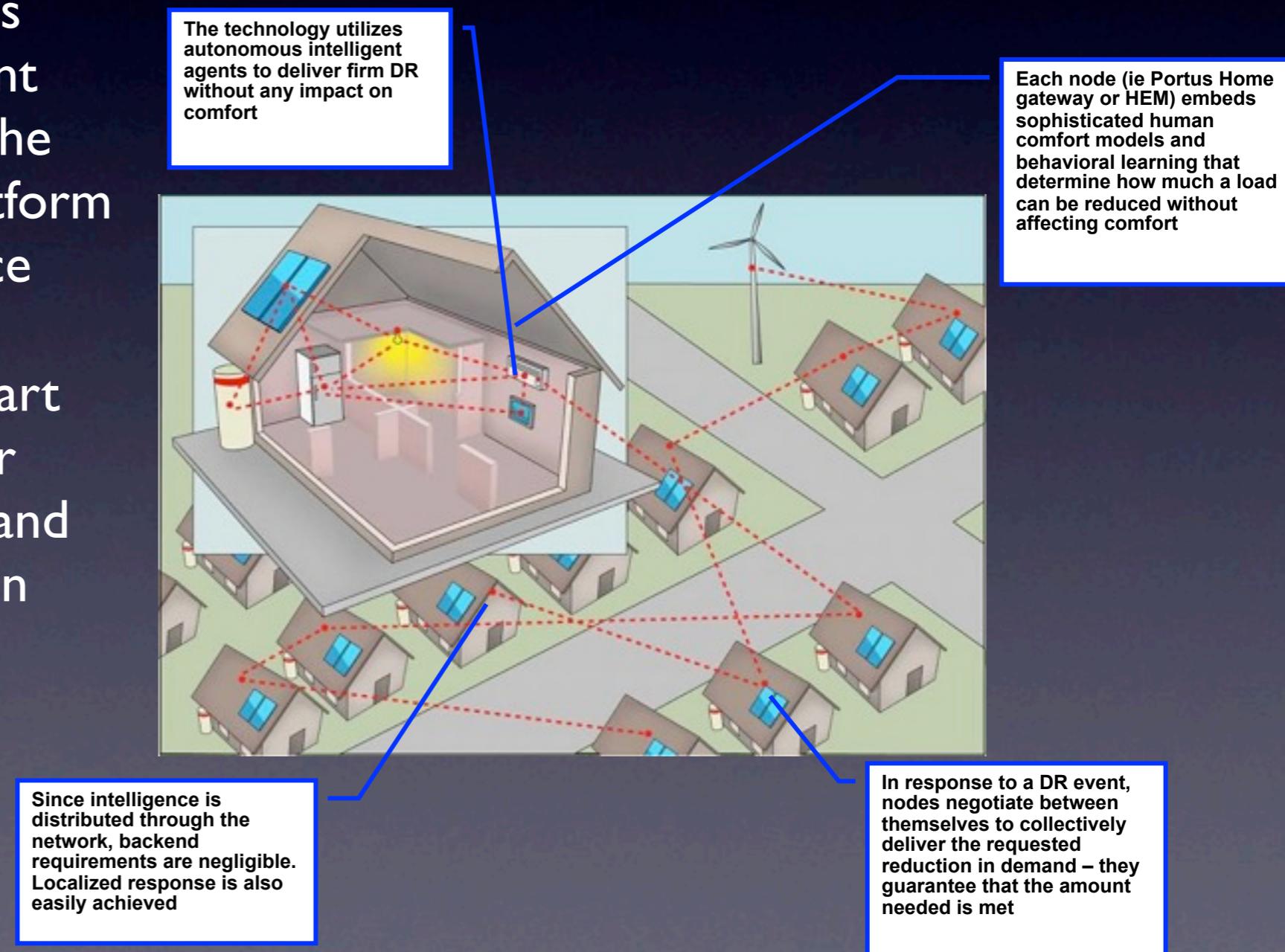
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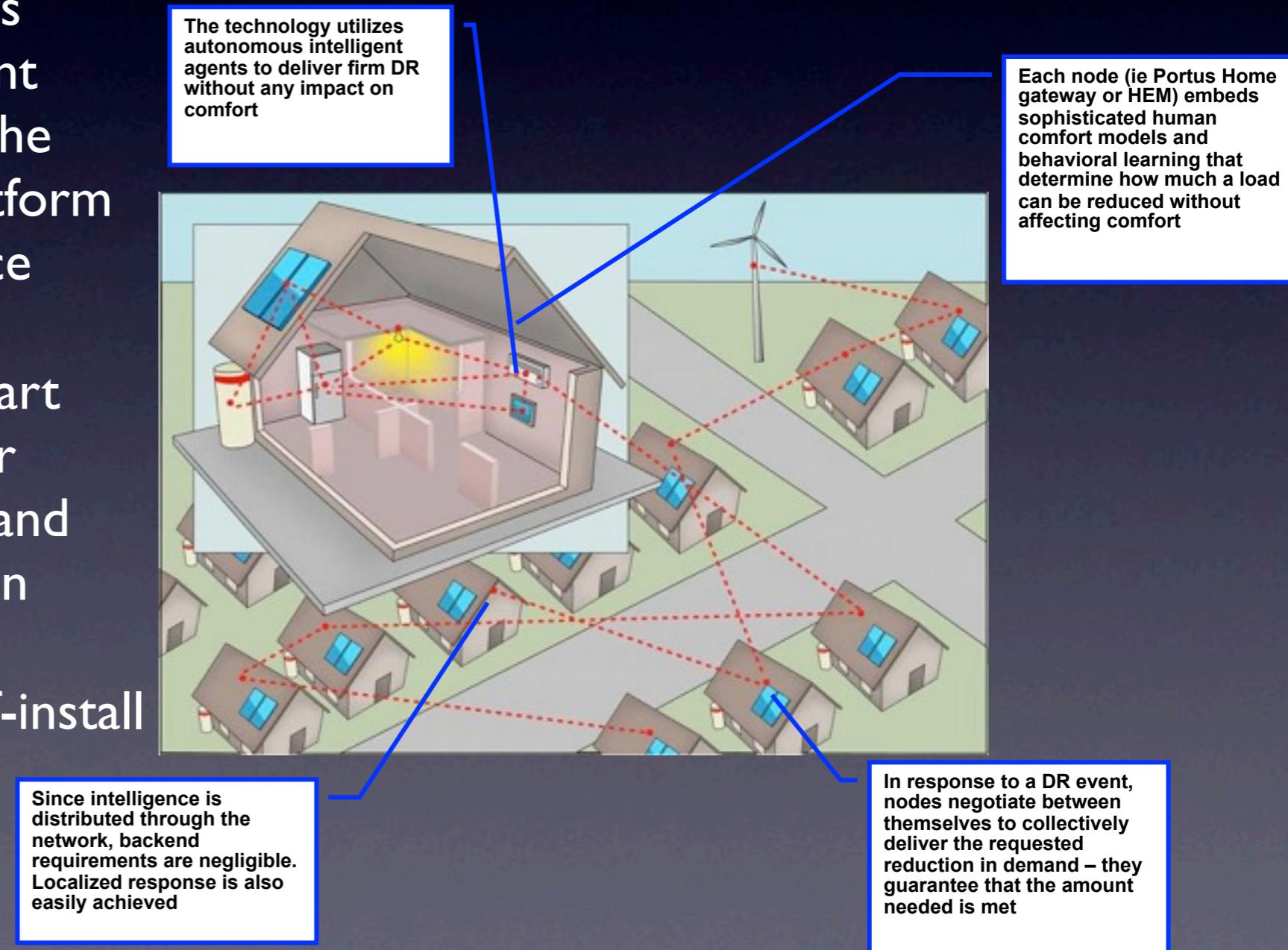
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- Utilises either smart meter backhaul or customer broadband for communication
- Designed as a self-install



model



model

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 - Portus Home starter kit \$349 + \$15/month (full home monitoring + EM)

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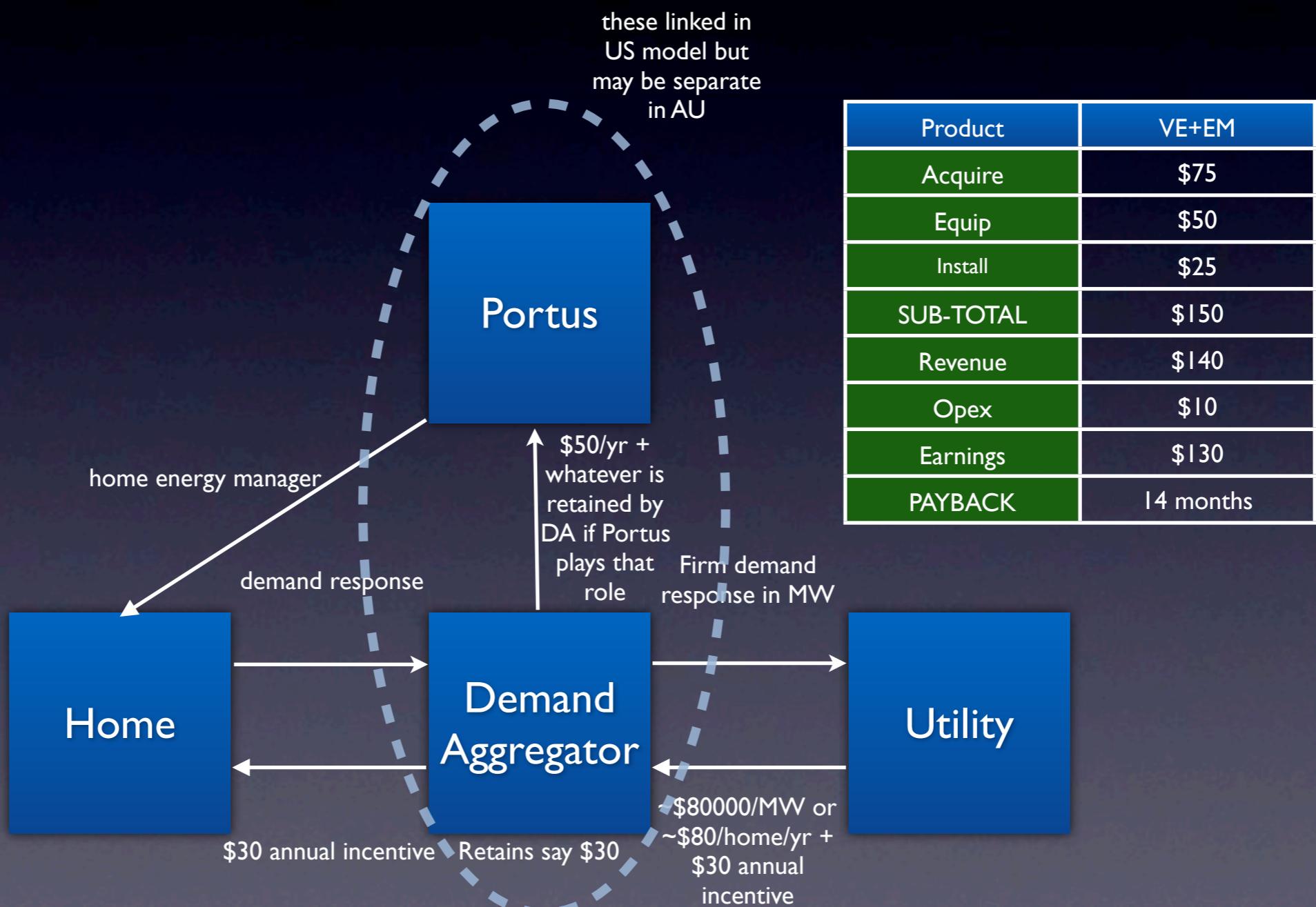
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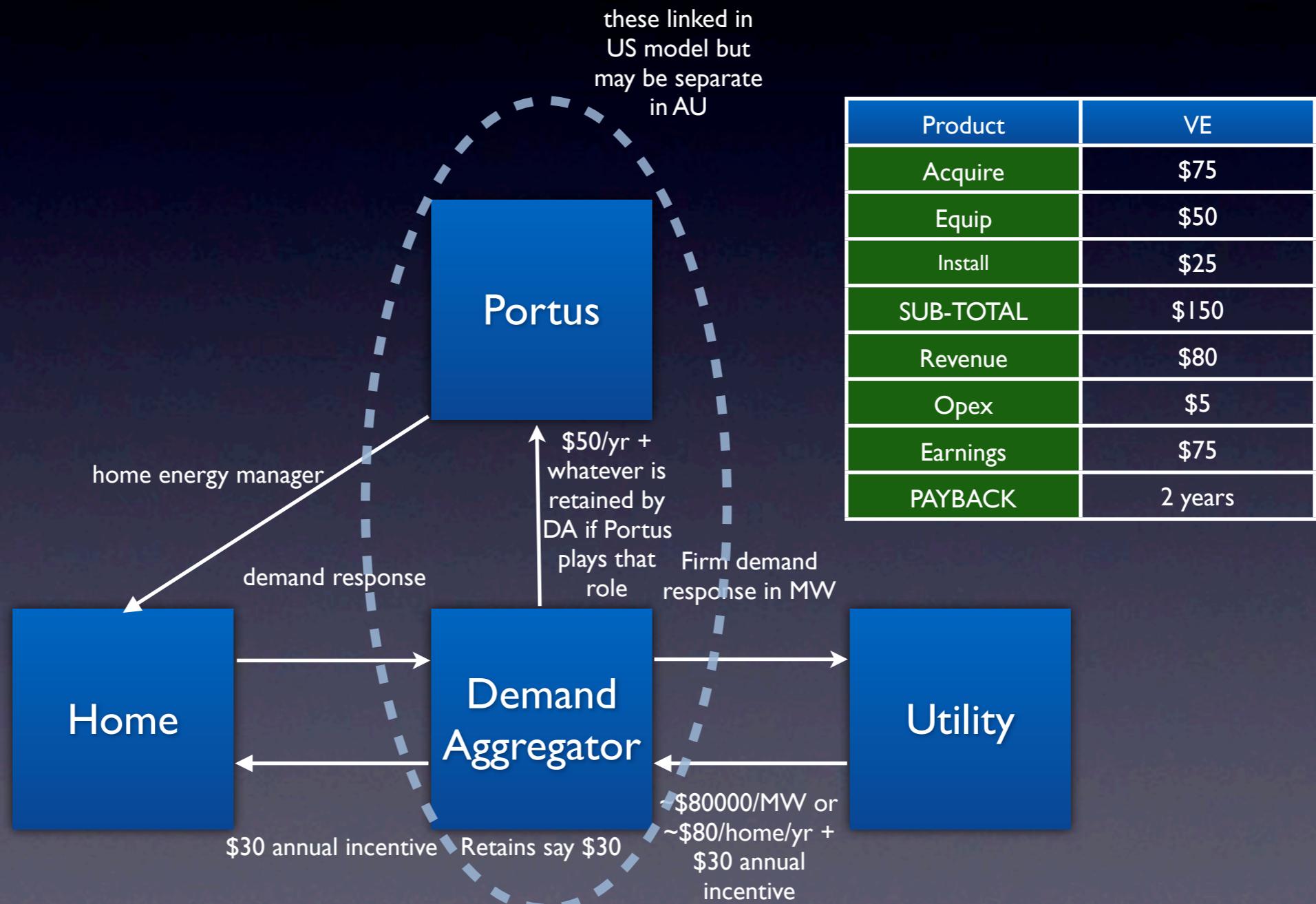
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- offer DR to utilities and energy markets:
 - outsourced DR program for utilities at \$80000/MW (~\$80 per home/yr)

revenue model-VE+EM



revenue model-VE only



Investment

When	Amount	Milestones
Start	\$1.0 m	Portus Home energy management solution launched, utility trials secured
6 mths	\$3.0 m*	Executive team recruited, utility trials converted, HEM ready for market
18 mths	\$9.0 m	Expansion into US

* AU Govt Term Sheet for AUD 1.0 m - US Investor needed

