

SMART
AMERICA



Smart Home Platform

June 11, 2014

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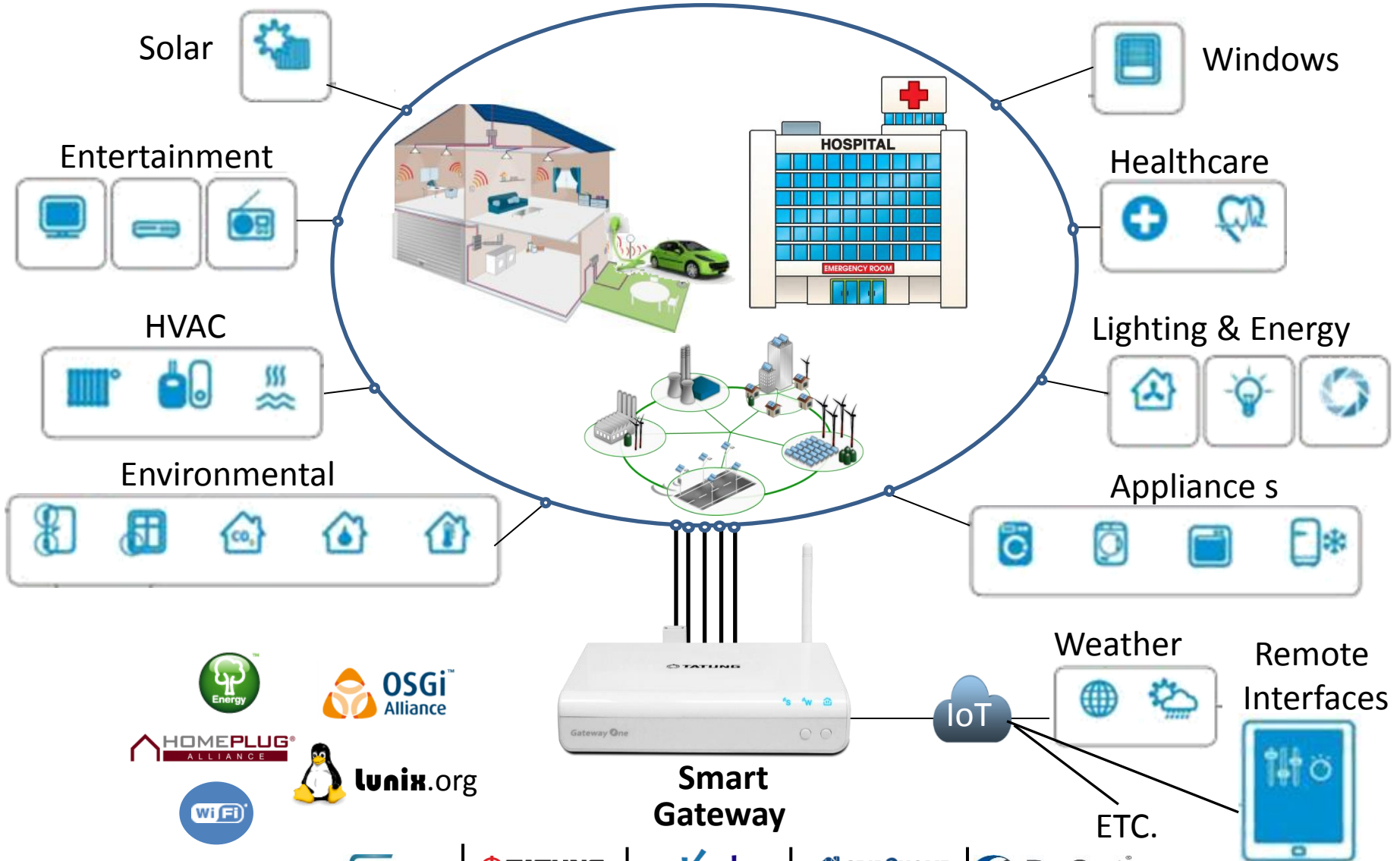
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Smart Home/Business Gateway Platform

IoT Connectivity that creates jobs, business opportunities



DEMONSTRATION

Smart Home/Business Gateway Platform

Lowers barrier to convergent smart technical and economic IoT innovation



Broad IoT Application

- Our Smart Home Gateway project supports many Smart applications, such as:
 - eHealth and Home patient and Eldercare
 - Home automation
 - Energy management / energy reduction (e.g., lighting control)
 - Security / Surveillance
 - Supports long-term evolution of technology, communications, applications and services.
 - Remote and distributed access and management
- The Smart Gateway Project demonstration illustrates some of these applications which are enabled and enhanced by the Internet of Things
- The following example by Arkados focuses on the aspect of industrial lighting control and energy.

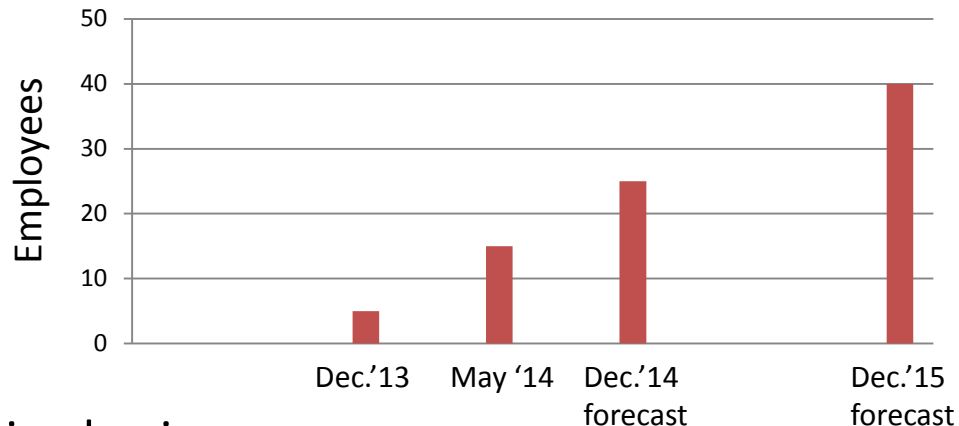
Already Building Value

- The Smart Home/Business Platform Gateway allows communications between people, devices and services
- New business, products, jobs and services are already being created
- Products will also grow business for:
 - Distributors
 - Installers
 - Integrators and other businesses in value chain.
- Smart Home Gateway Platform project case study: Arkados Group, Inc.



Example: A Rising Company

- Arkados - A New Jersey Company
- Growing business to support our Smart America Challenge partners
 - Production Test Systems product
 - System Integration (engineering) services
 - SaaS Device Management Software
 - Field and product support
- Increasing Jobs



- Increasing business
 - Recent launch of Arkados Energy Solutions, an ECM business
- Generating new technology and methods

Real Example: Hospital Project

- Engaged in Hospital lighting project
- Uses Gateway architecture CPS/IoT technology and sensors to save energy and reduce costs
- Works with building management system
- Hospital will promote the successful results





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- Visit the Smart Home/Business Platform Wiki for more details and contact information