



# GreenWave Reality

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GreenWave Reality Company Confidential

# 32 Global Customers



GreenWave Reality  
Irvine California

Employees: 25

Επιβολές: 52

GreenWave Reality  
Horsholm Denmark

Employees: 25

Επιβολές: 52

GreenWave Reality  
Singapore

Employees: 50

Επιβολές: 20

# Household Savings Up to 30% greenWAVE REALITY

Off-Peak Electric  
Car Charging



Heating and Cooling

Lighting

Awareness,  
Monitoring  
and Control of  
Devices

Monitoring, Control



& Data Services Platform

## Monitoring / Control Devices



Monitoring, Control



& Data Services Platform

# GreenWave Reality Platform



## Monitoring / Control Devices



## Intuitive User Interfaces



Monitoring, Control



& Data Services Platform

# GreenWave Reality Platform



## Monitoring / Control Devices



## Intuitive User Interfaces



Monitoring, Control



& Data Services Platform

## Ecosystem Compatibility



# GreenWave Reality Platform



## Monitoring / Control Devices



## Intuitive User Interfaces



Monitoring, Control

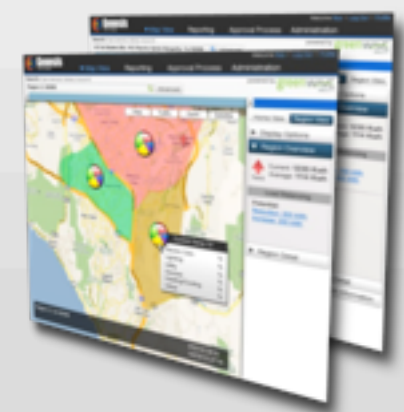


& Data Services Platform

## Ecosystem Compatibility



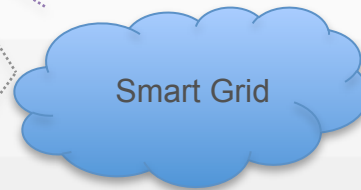
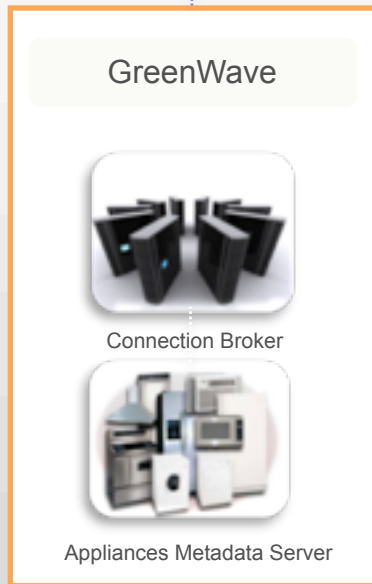
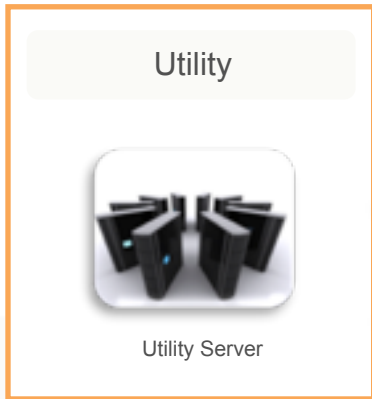
## Utility Portal





## Security

- Audited KPMG/IBM/Accenture
- Up to 4096b SSL Keys
- Option for Dual-Signed SSL
- Crypto Acceleration in SoC



## Secure Key Generation at Manufacturing

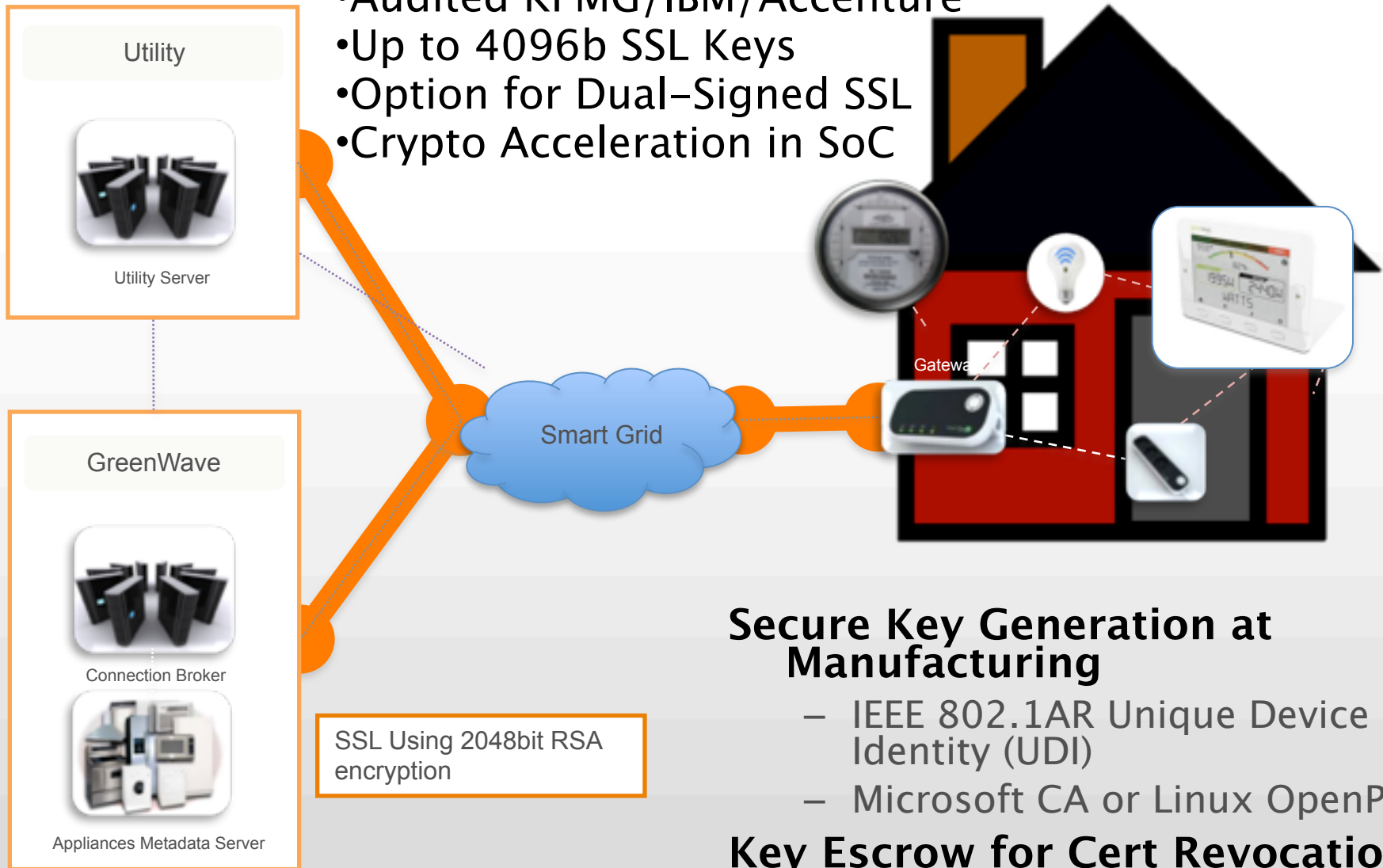
- IEEE 802.1AR Unique Device Identity (UDI)
- Microsoft CA or Linux OpenPKI

## Key Escrow for Cert Revocation

# Protect Home and Cloud

## Security

- Audited KPMG/IBM/Accenture
- Up to 4096b SSL Keys
- Option for Dual-Signed SSL
- Crypto Acceleration in SoC



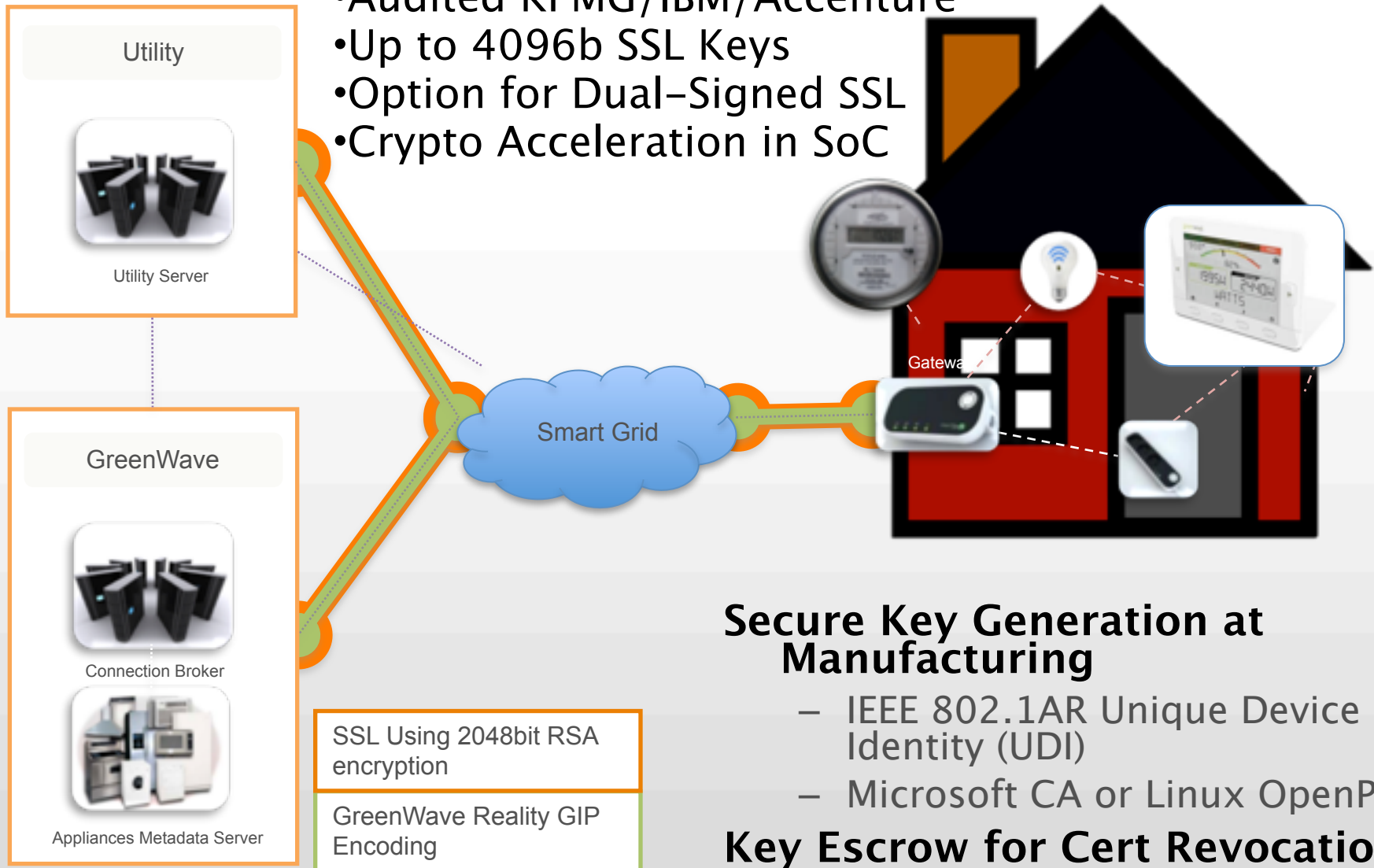
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## Key Escrow for Cert Revocation

## Web Experience



## Mobile Experience



## More than a view into your Home and Services

### The focus of consumer's interaction

- System Setup
- Control and Scheduling
- ... others



## Custom Coaching Persona

- Personalize engagement based on your energy goals
- Aligned with your customer segment



## GreenWave Reality's Coach:

- **Humanize** Energy
- **Engage** consumers with structured energy program
- **Motivate** consumers to conserve using environmental, financial, and competitive incentives
- **Proactively** suggest conservation opportunities based on your usage
- **Positive Reinforcement** for small wins and big accomplishments

## Foundation for Long-term Relationship

- Consistent interaction across Web, Mobile, Social Networking, and Email



Begin by identifying and labeling your rooms

Identify and label the devices in each of the rooms



Getting Started

# Ultimate in Control



Electricity Overview



View your whole home energy use



View budget and goals



View cost and Co2 Footprint



Whole Home Energy

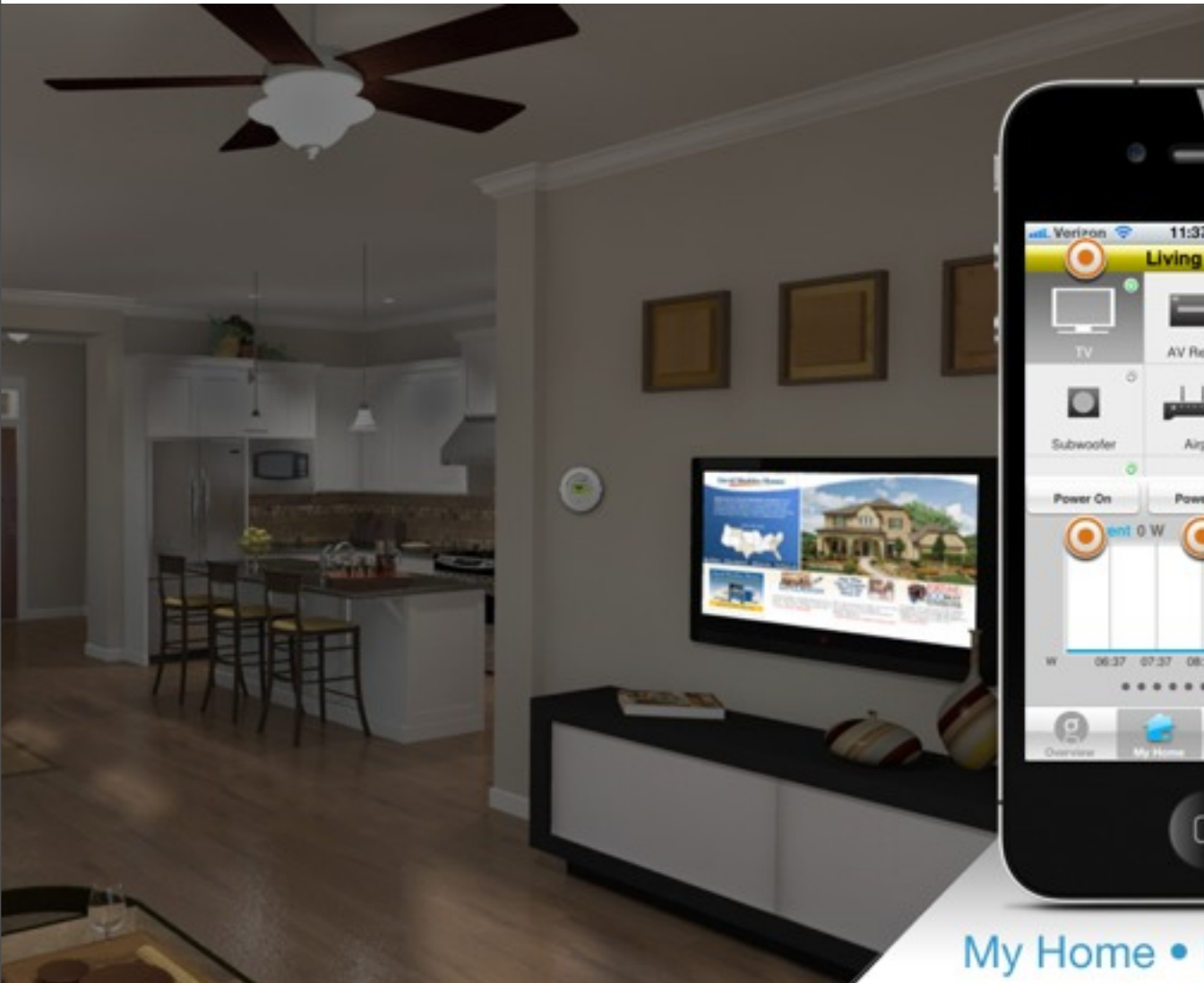


Remotely control your thermostat from anywhere.

Monitor & Control heating or cooling schedules

Save money and reduce CO2 footprint.

Thermostat

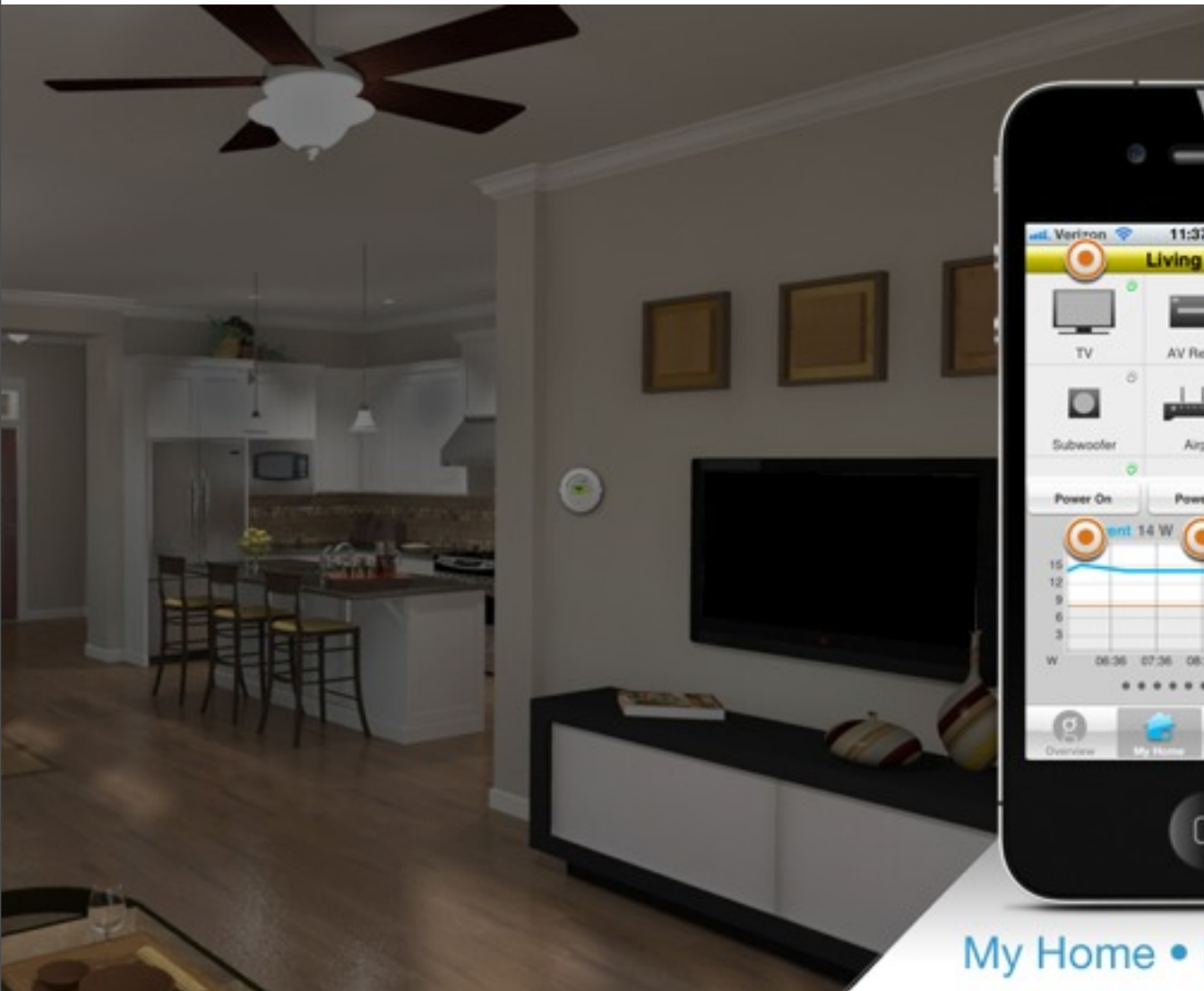


View your electricity usage by room or by individual device

Control entire room or individual devices

Control the devices

My Home • Living Room



View your electricity usage by room or by individual device

Control entire room or individual devices

Control the devices

My Home • Living Room



Easily view all of the rooms and devices in your home.

Control whole rooms or individual devices

View cost and Co2 Footprint

My Home • Office



Easily view all of the rooms and devices in your home.

Control whole rooms or individual devices

View cost and Co2 Footprint

My Home • Office

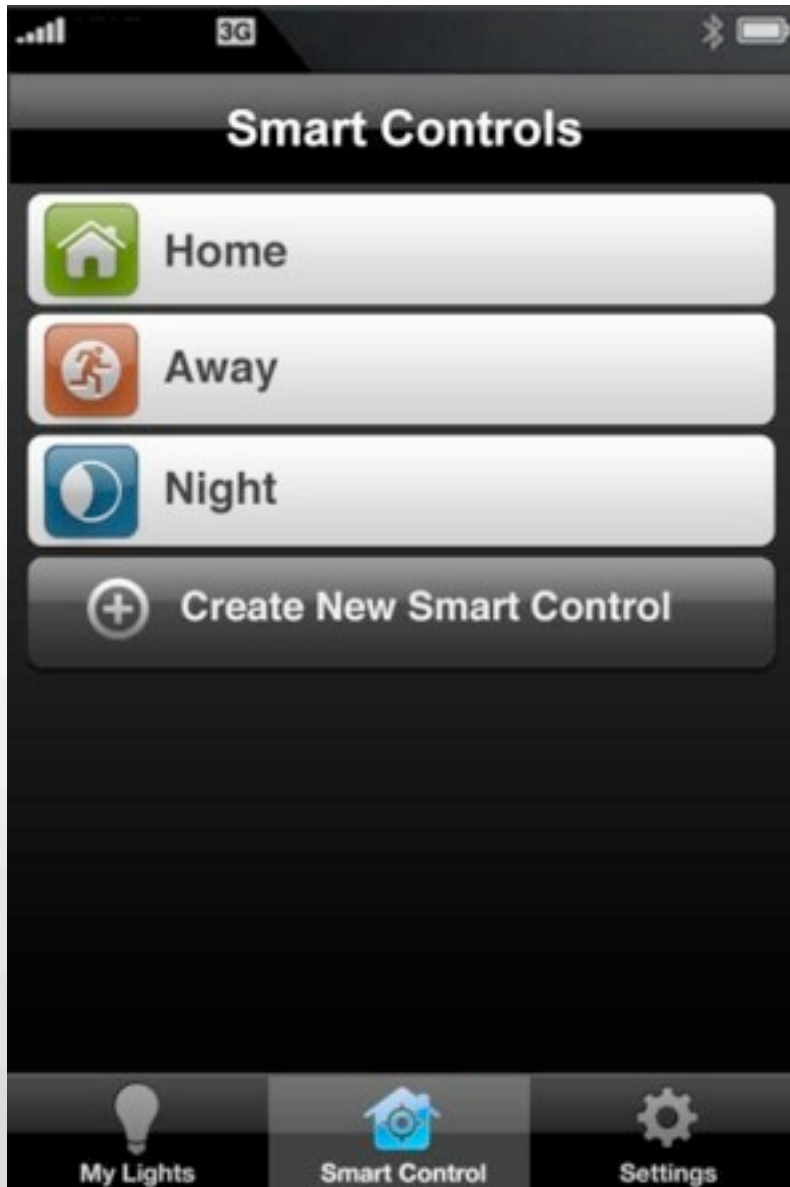


## Full Lighting Control

- Individual Bulbs
- Rooms
- Smart Controls
- Similar Experience to EMS

## Two Access Models

- LAN only by default
- Paid upgrade to WAN access / control



**Easy way to control  
your home lighting**

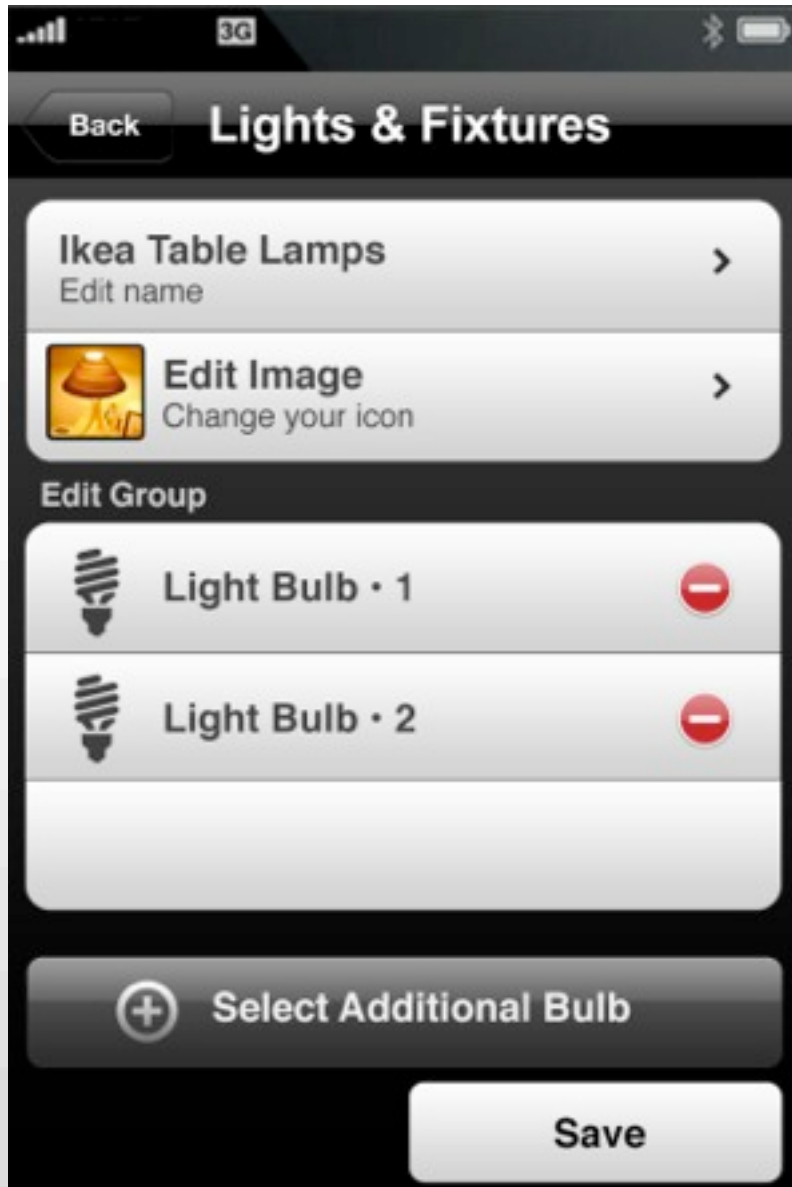
**Default Smart  
Controls**

- Home / Away /  
Night

**Create Custom  
Controls**

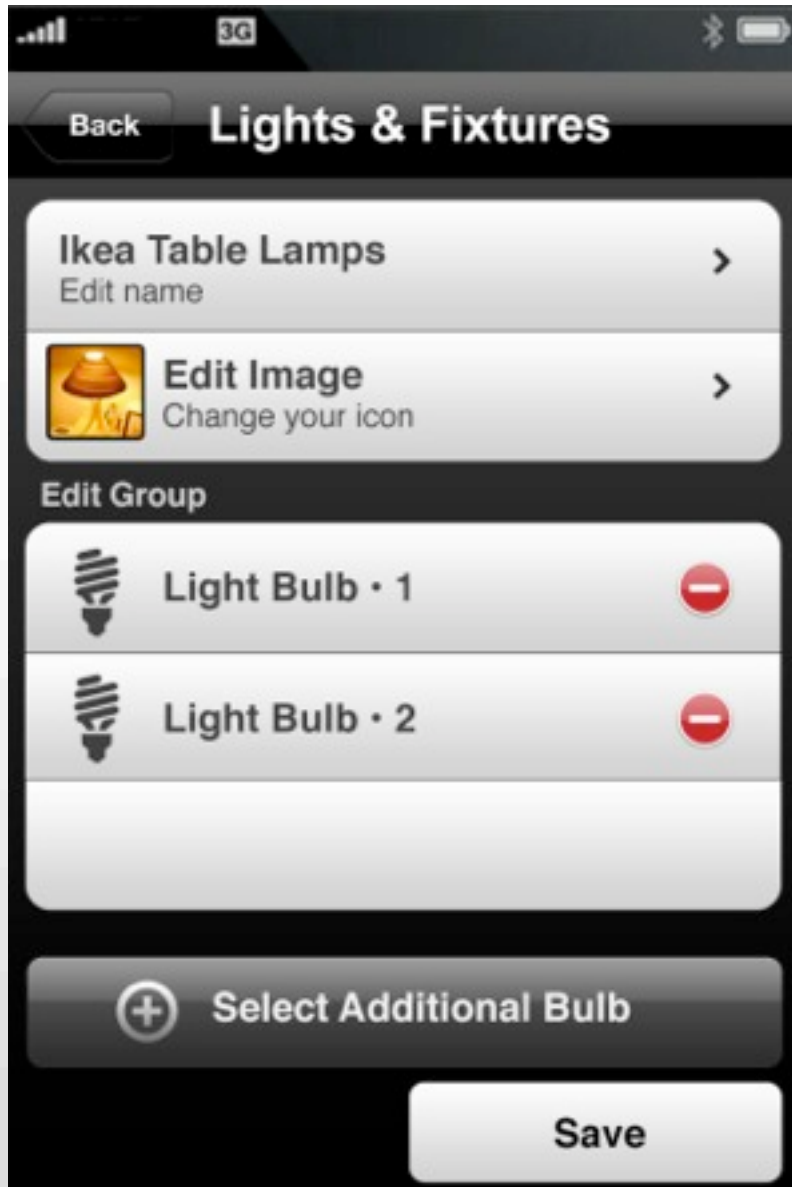
- Scheduled / Timer
- Sunrise / Sunset
- Basic Control
- Advanced Scenes

# Houmanizing Devices





# Houmanizing Devices



Customize with Photography

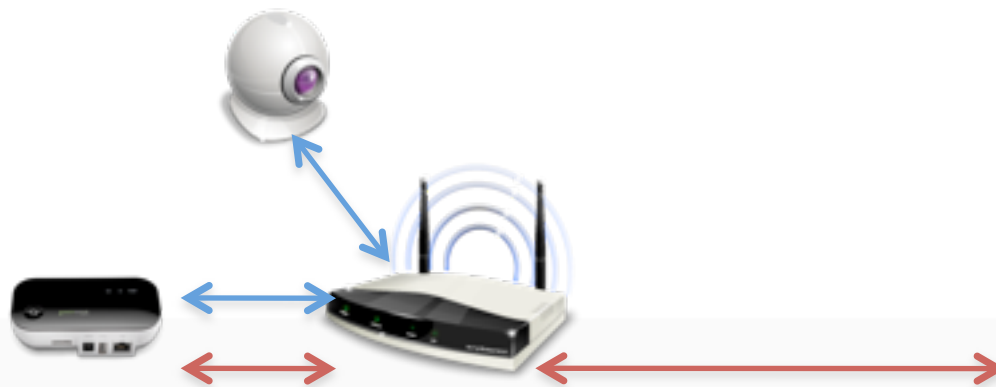
# Heavy Load





## Home Monitoring Service

- Integrates motion and door sensors with IP Camera
- Camera video captured locally or in the cloud
- Alerts and camera access sent to Smartphone or PCs
- Revenue opportunity for GreenWave Reality partners



## Gateway Camera Access

- No Firewall configuration
- No port forwarding
- No DDNS Subscription
  
- Secure Video Stream over IPSec Tunnel



Thank you

greenWAVE  
REALITY™



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torsdag den 27. september 12