

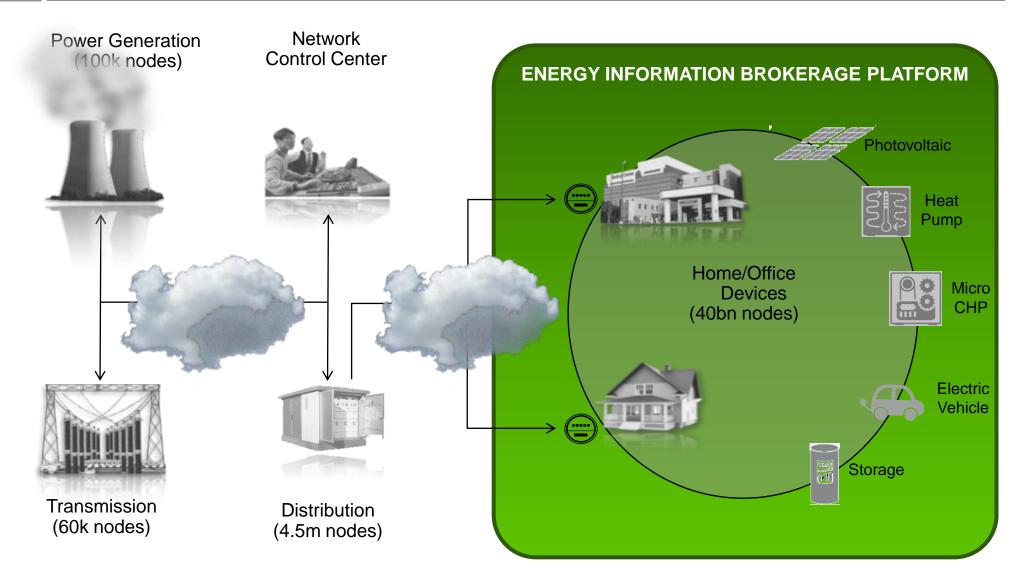
# ENABLING ENERGY MANAGEMENT AS A SERVICE

**Solutions** 

2015

# An Operating System for the Energy Internet of Things – GreenCom's Energy Information Brokerage Platform

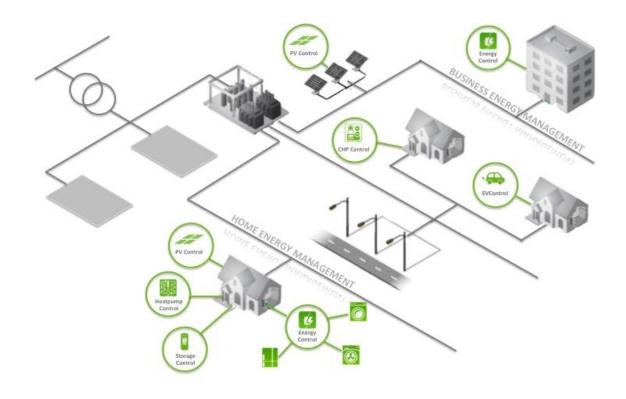




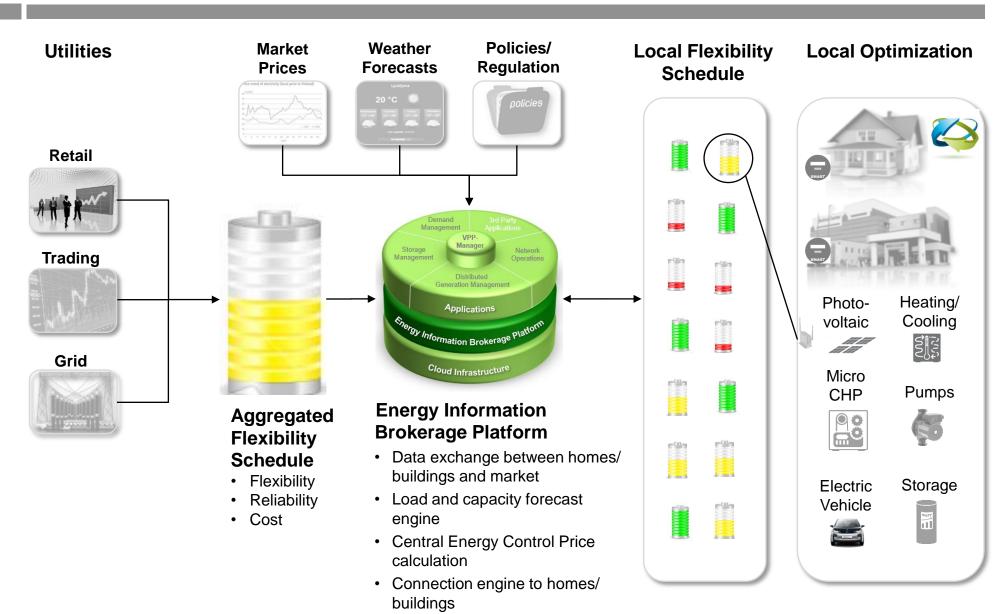


### What we Do:

- White-label SaaS platform provisioning
- Enabling managment of demand, supply and storage capacity within Virtual Power Plants for utilities and ESCOs
- "Activating" utilities' and ESCO's customers through "Customer Engagement" applications
- Enabling business models of the future for our utility and ESCO customers









### **Objectives**

- Provide access to flexibility for retailers and aggregators to unleash value from their customer base
- Enable retailers and aggregators to manage millions of devices within a virtual power plant

### Target Customers: Retailers, Traders and Aggregators



## **Key Features**

#### **Scalability**

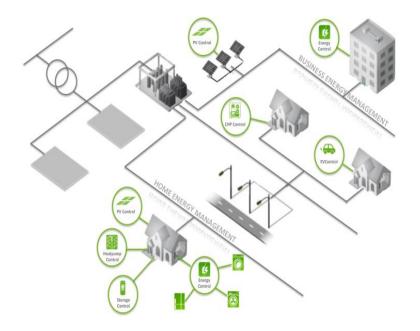
- Integration and automated management of millions of end devices
- High-performance analytics and forecasting of available flexibility from distributed generators, consuming and storage devices

#### **Optimization Engine**

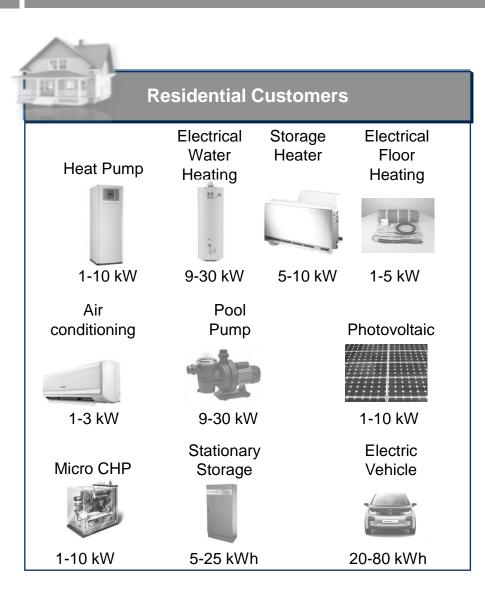
- · Optimized scheduling of load and distributed generation capacity
- Self-learning algorithms to forecast and continuously optimize device usage

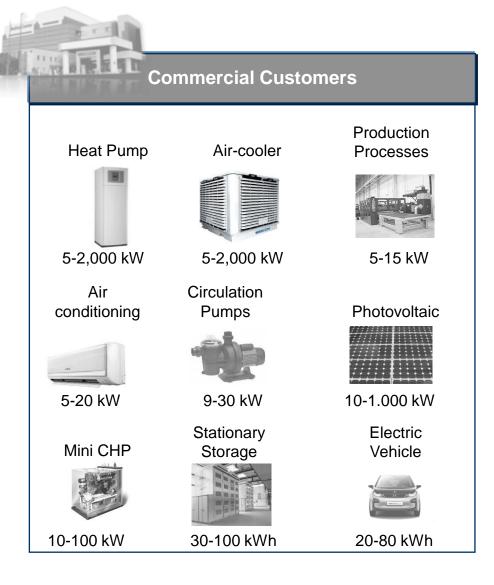
#### **Integration Capabilities**

- Integration with existing trading systems for reserve capacity and spot market trading
- Integration with existing distribution management systems
- Interfacing with external data sources for weather and market data



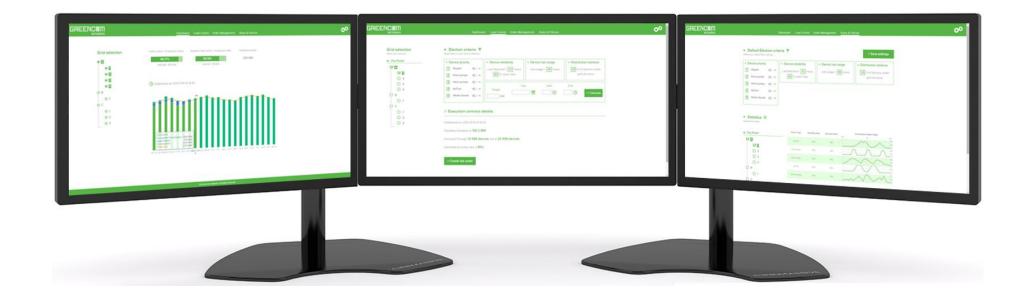






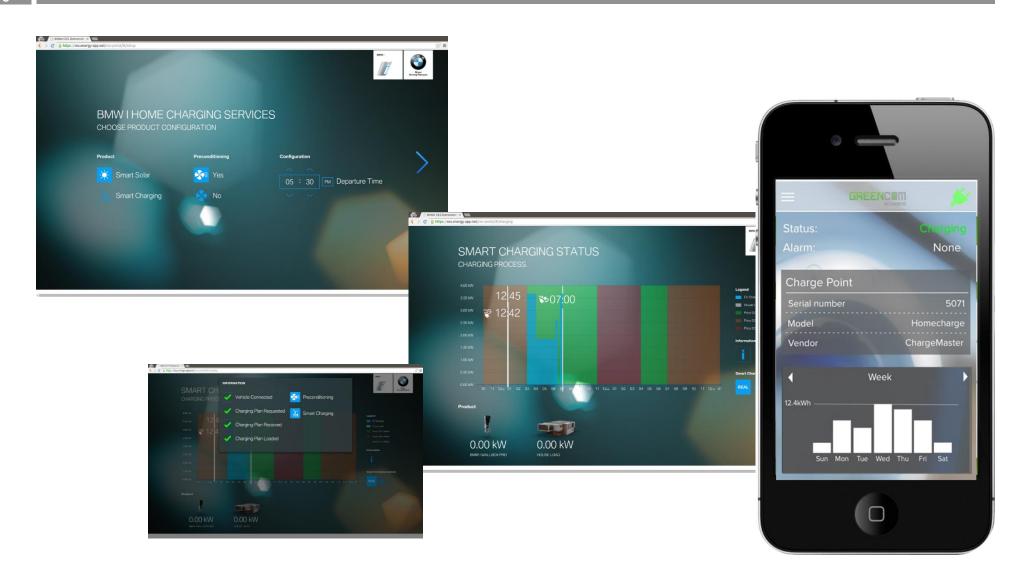
# Example VPP-Manager South Africa – 250,000 homes and 20,000 office building will be connected





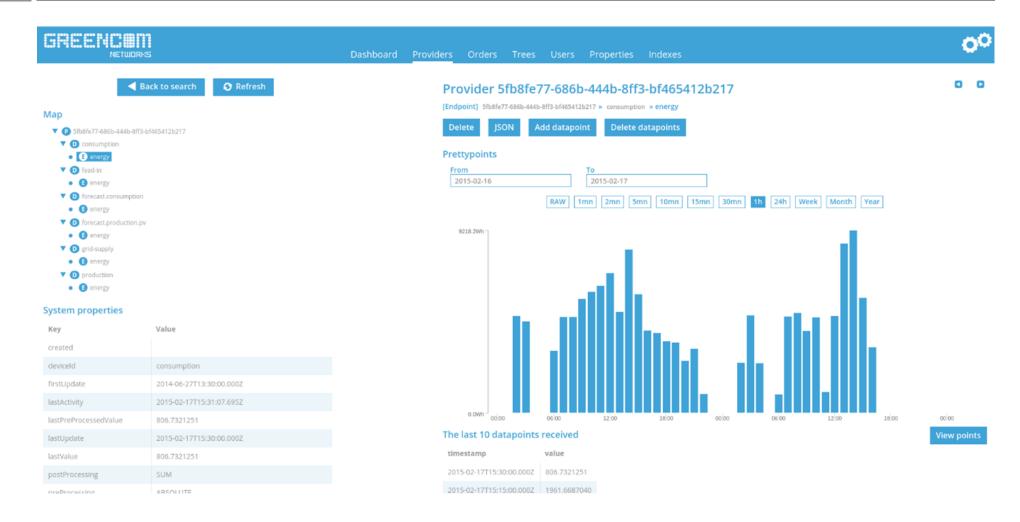
# **Example Management of electric vehicles - E-Mobility Solution Example BMW**





# Scalability requires performing management tools - Network Operations







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