Trilliant at a Glance

Company Overview

- Fully integrated Smart Grid networks for utilities
- 200+ employees
- Headquarters in Redwood City, CA with offices in USA, Canada, and Europe
- 20+ year history serving utilities in North America starting as Nertec in Quebec, Canada
- Acquired SkyPilot in May 2009

"...the first 'future-proof'
communications solution... full
broadband capacity is critical for the
growth of the Smart Grid News

-Jesse Berst, SmartGrid News

Trilliant's Smart Grid Offering

- Unified Networking... secure multitier network
- Broadband Capacity... for current and future applications
- Complete Coverage... network tiers, geographies, and devices
- Open Standards... standard hardware and IP networking

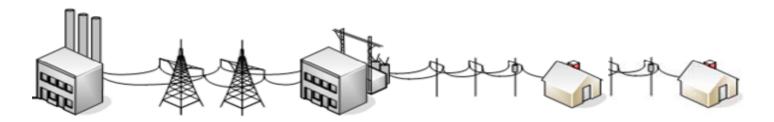
Customer Base

- 1 million+ endpoints installed
- 200+ utility customers in the Americas and Europe



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Where is the Grid Headed?



Integrating renewables

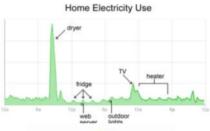
Electrifying transportation

Enabling energy efficiency











All require dedicated communications networks



The Smart Grid Evolution...

Smart Grid v1.0

Advanced Metering

Smart Grid v2.0

Consumer-Grid Connectivity

Smart Grid v3.0

True Supply/Demand Integration

Smart Grid v0.0

Networked Meters





Enterprise Ops.

- Meter Data Mgt
- Device Management
- TOU Billing



Smart Energy Services

- Enterprise Services
- Customer Operations Unified
- Multi Service Offerings



Renewables

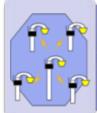
- Supply Balancing
- Supply/Demand Integration
- Carbon Credits







Isolated Networks



AMI Networks

- Standard Protocols
- Public/Private WANs
- ·Complete Coverage



Multi-Service **Networks**

- Broadband
- Mobility
- Grid
- Community
- •Home



Dynamic Capacity

- Matrix Grids
- Service Quality
- Local Load Balancing
- **Energy Storage**



Utility Managed

- Critical Peak Pricing
- Smart Meters
- Smart Thermostats
- Load Controls



- Efficiency
- Smart Appliances
- •G2V (1-way PHEV charging)



Eco Community

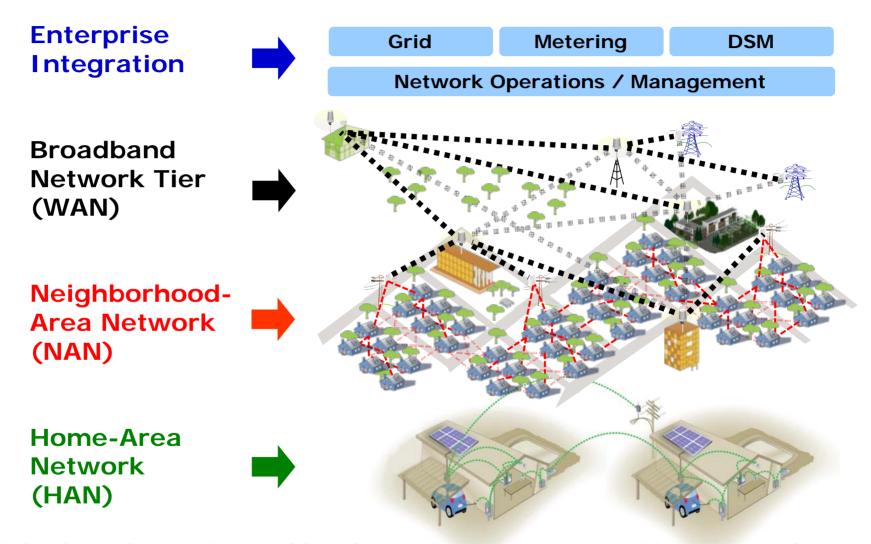
- Micro Grids
- V2G (2-way
- PHEV) Retail services
- Affinity groups

..... Utility Operations

Subscriber Services ...



Smart Grid is a Multi-Tier Network



Multiple technologies and levels are necessary for performance and security

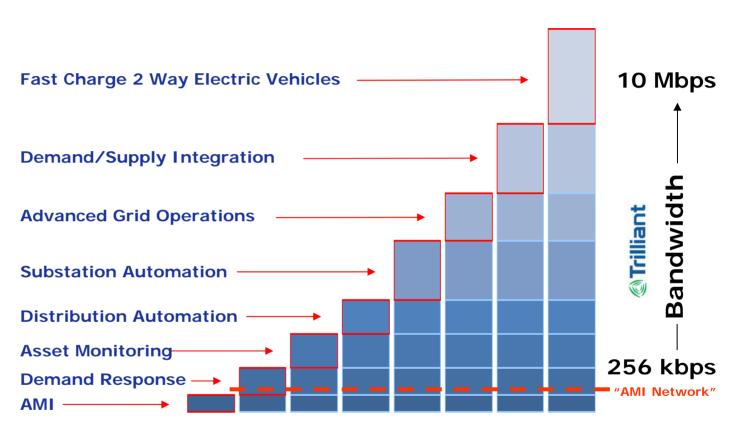


Bandwidth is Critical









Smart Grid Applications

High bandwidth and low latency to support current and future applications



Smart Grid Radio Frequencies

Radios

Use standards based radios (IEEE certified) for efficient use of bandwidth, assure reliability, and to minimize interference

Public Bands

Should remain an option with or without private spectrum

Private Bands

1.8Ghz is emerging as a North American standard. Use a continent-wide standard

Private Band Allocation

Non exclusive registration based on use class (utility smart grid networking). Do not sell to individual owners



