

GE Energy
Digital Energy

Smart Grid Technology Roadmap

Smart Grid Tutorial

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Director, Technical Strategy & Policy Development

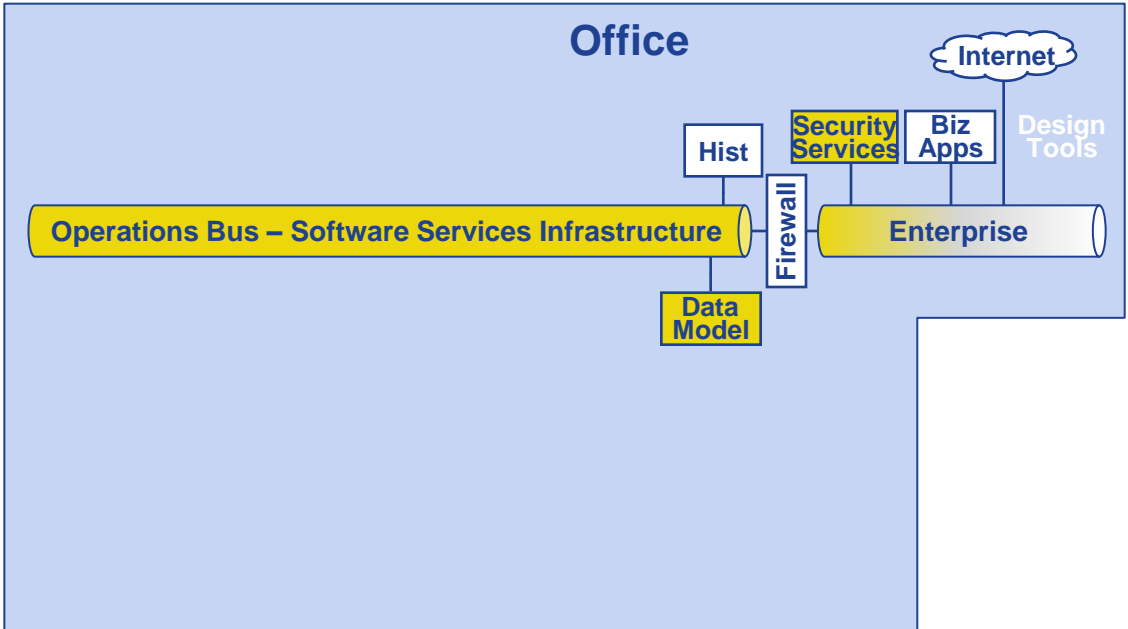
June 6, 2012



imagination at work



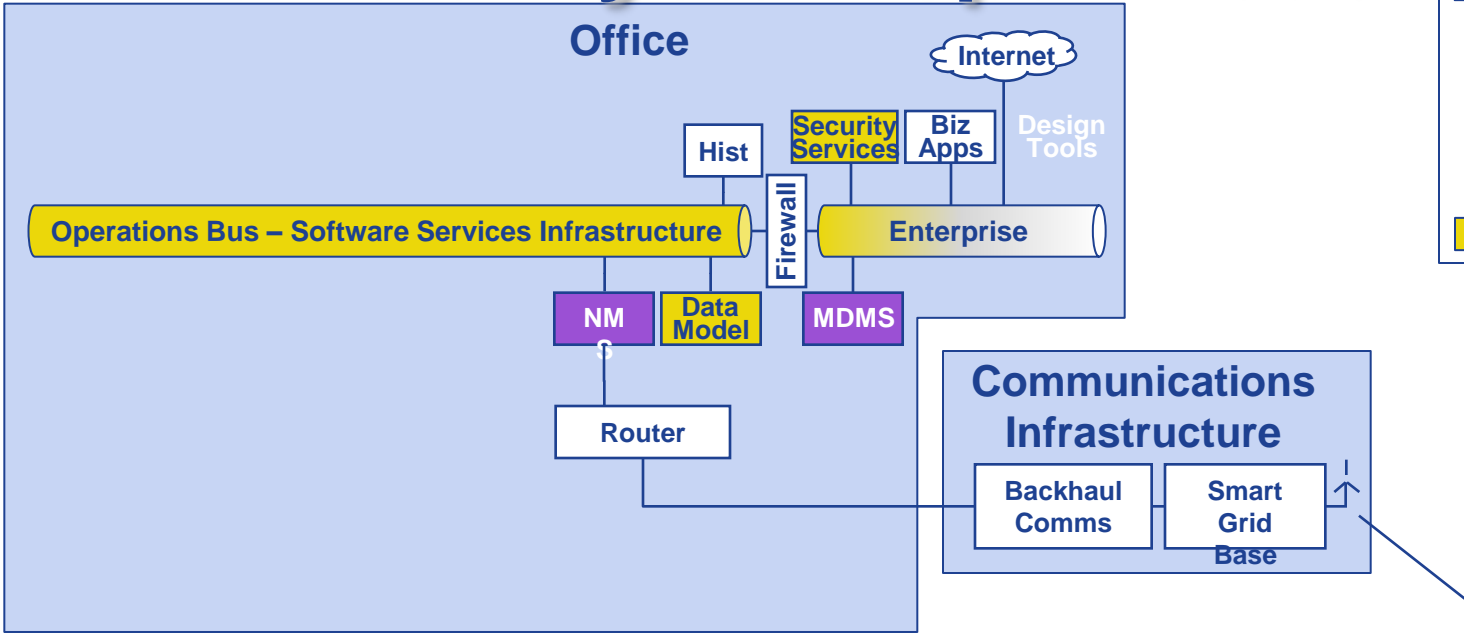
Software Services Infrastructure



Optimized Solutions

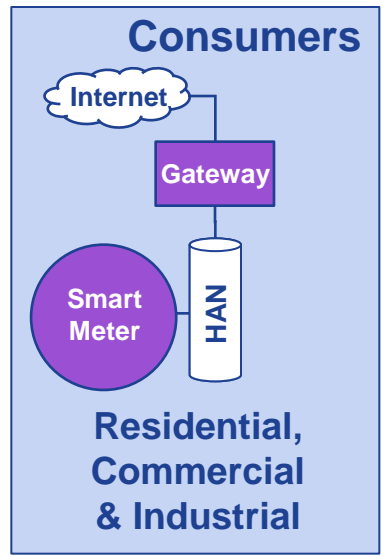
■ Software Services Infra

Smart Meter System Optimization

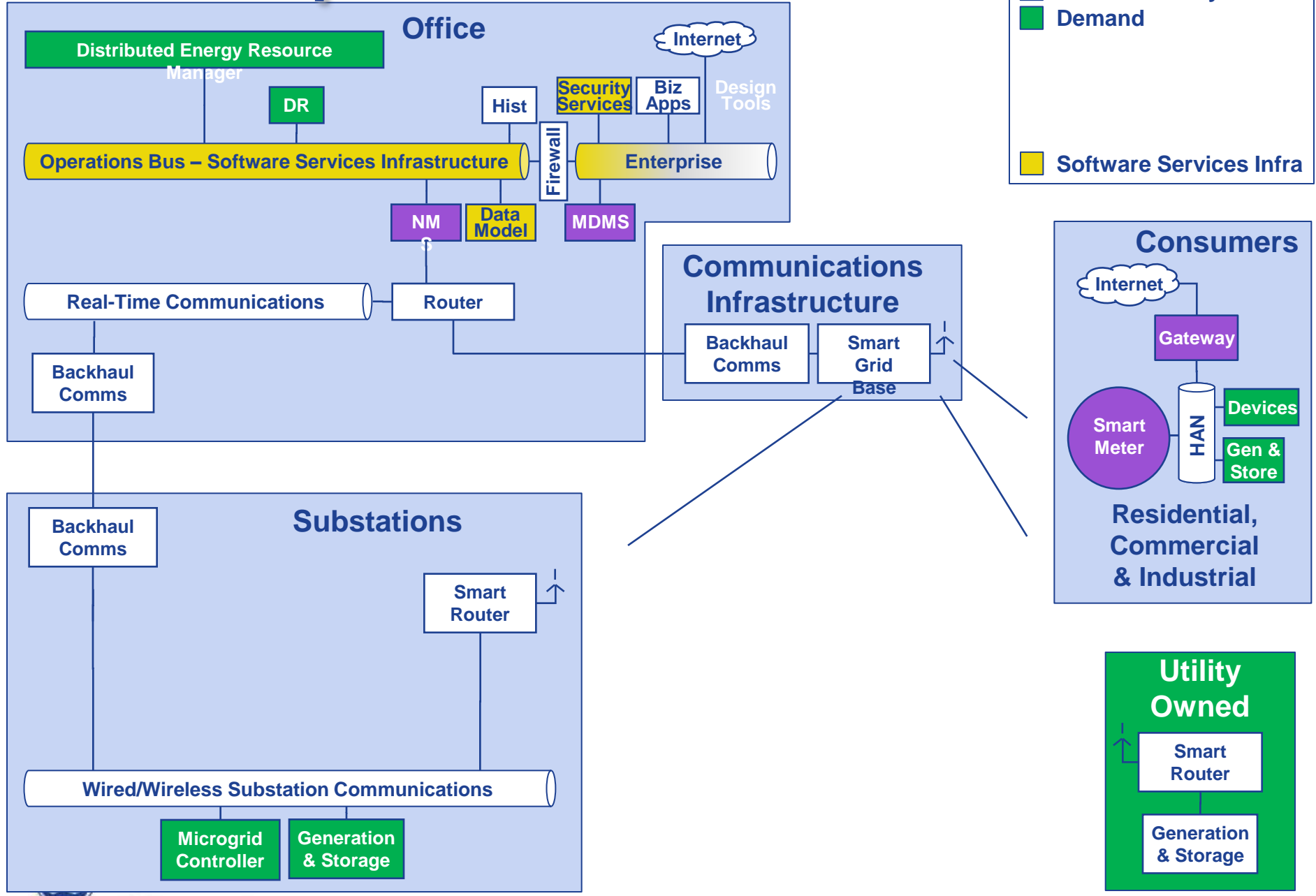


Optimized Solutions

- Smart Meter Systems
- Software Services Infra



Demand Optimization

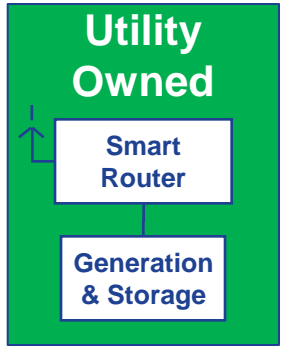
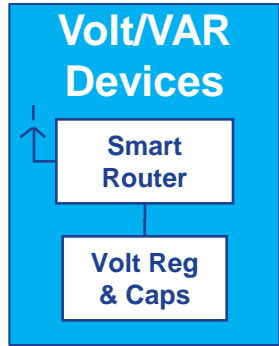
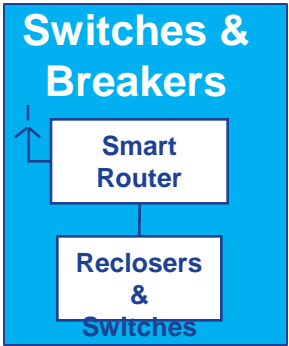
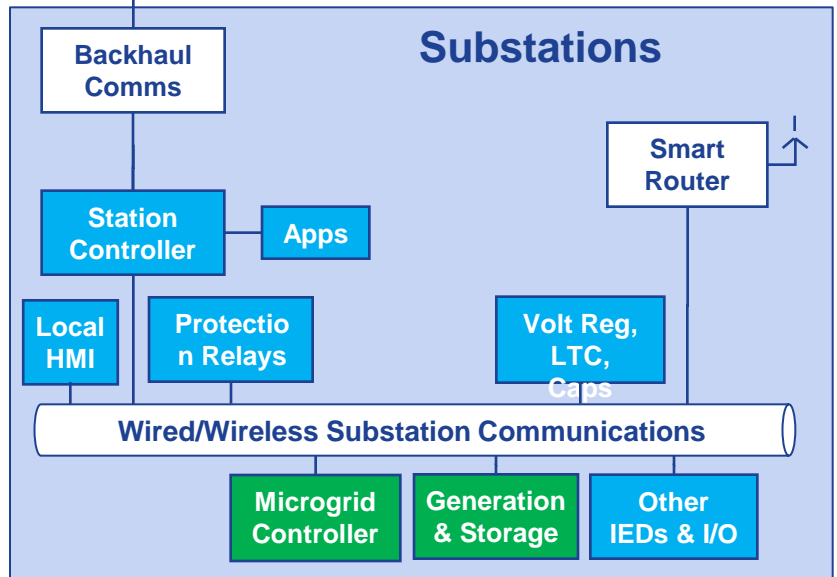
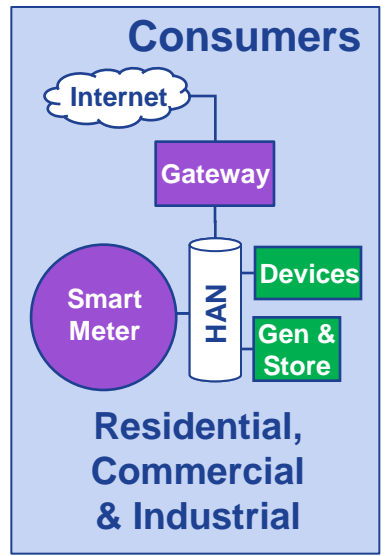
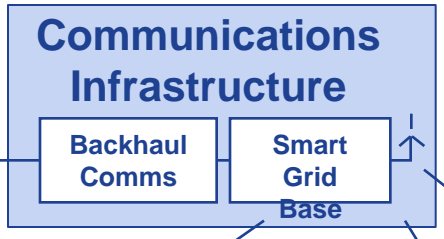
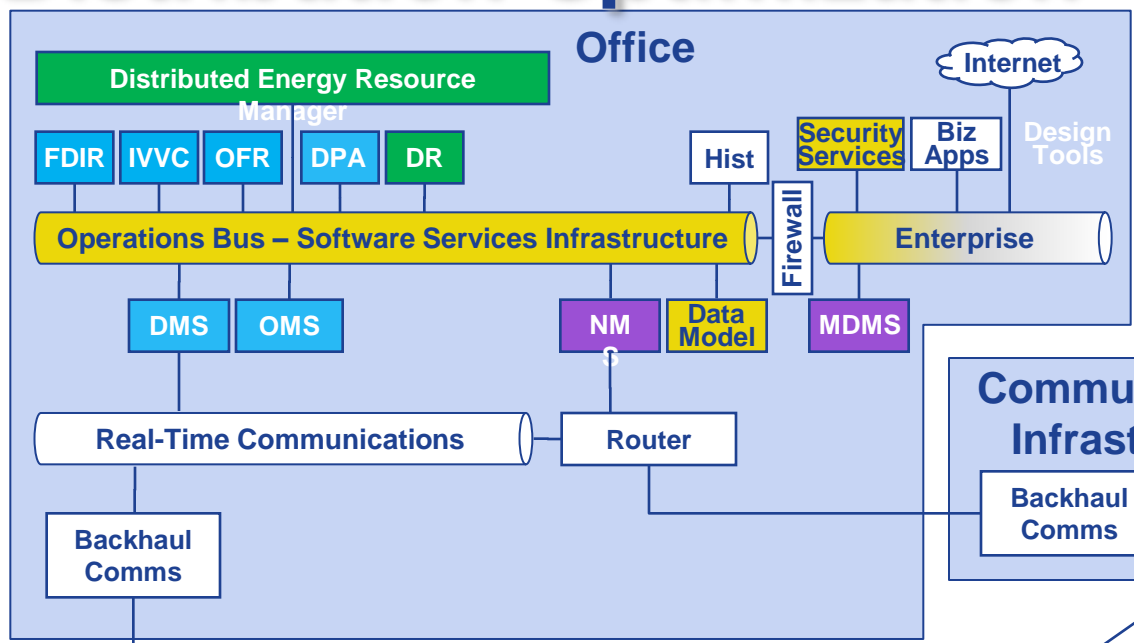


Distribution Optimization

Optimized Solutions

- Smart Meter Systems
- Demand
- Distribution

Software Services Infra

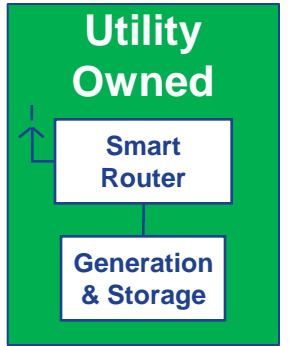
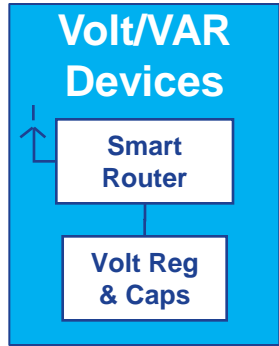
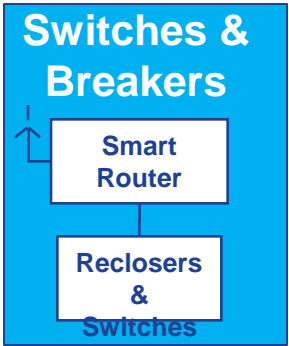
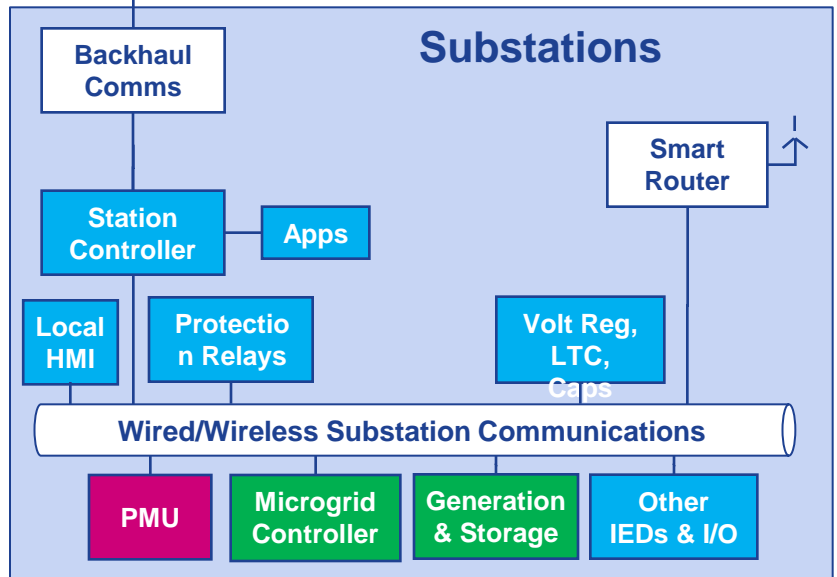
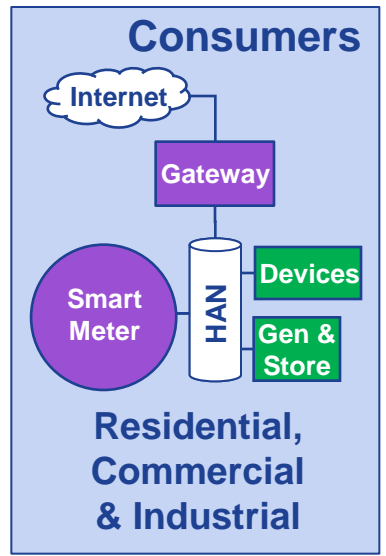
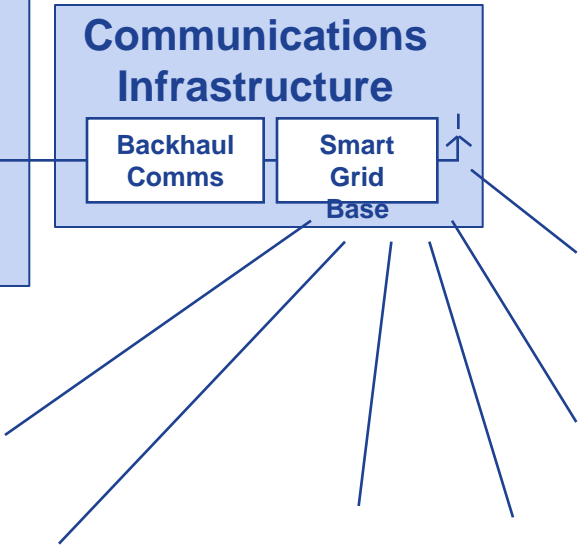
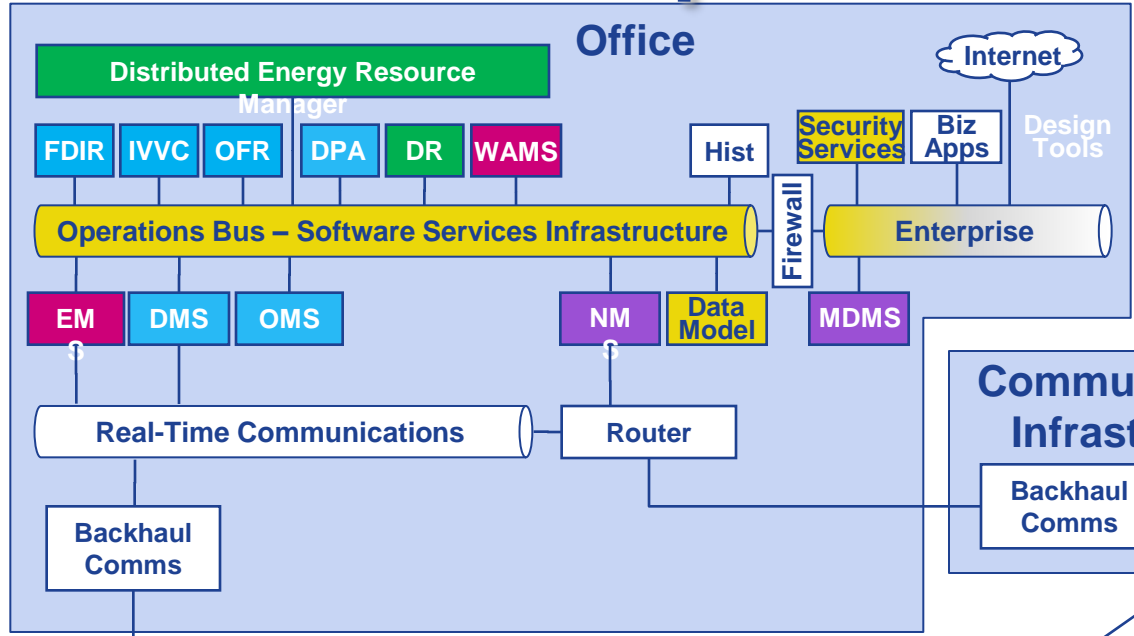


Transmission Optimization

Optimized Solutions

- Smart Meter Systems
- Demand
- Distribution
- Transmission

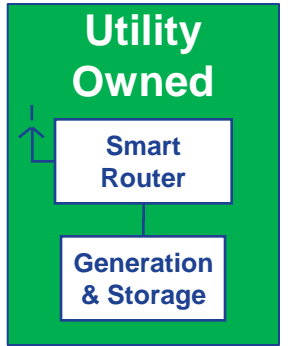
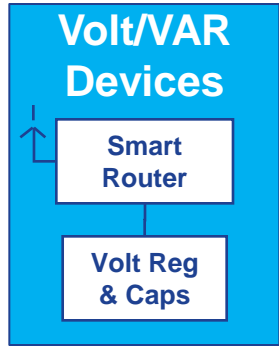
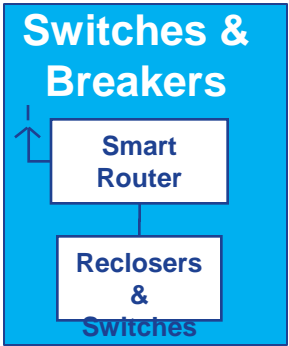
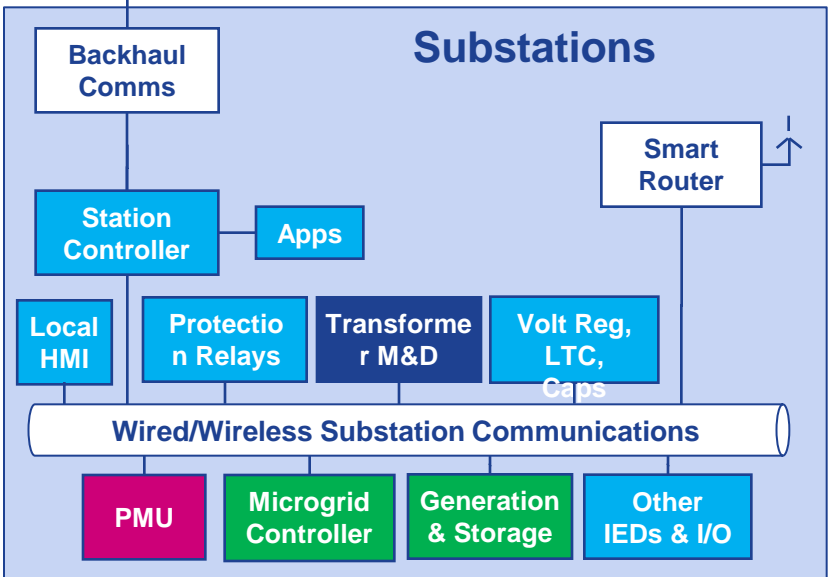
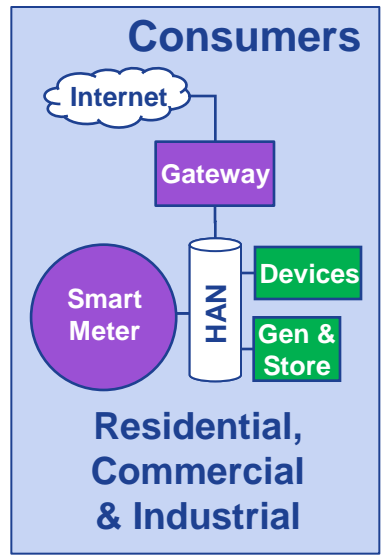
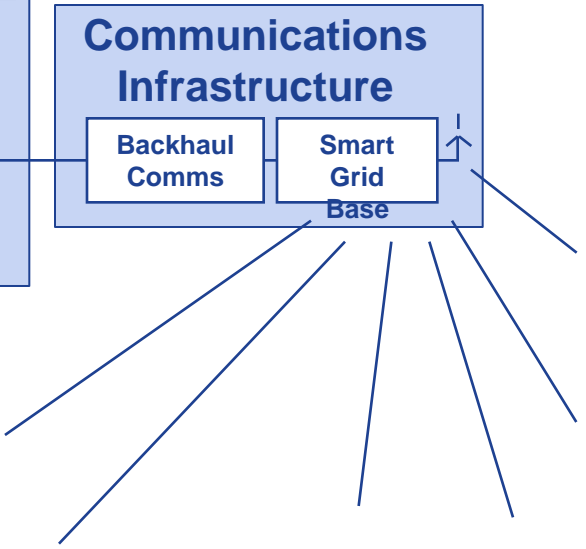
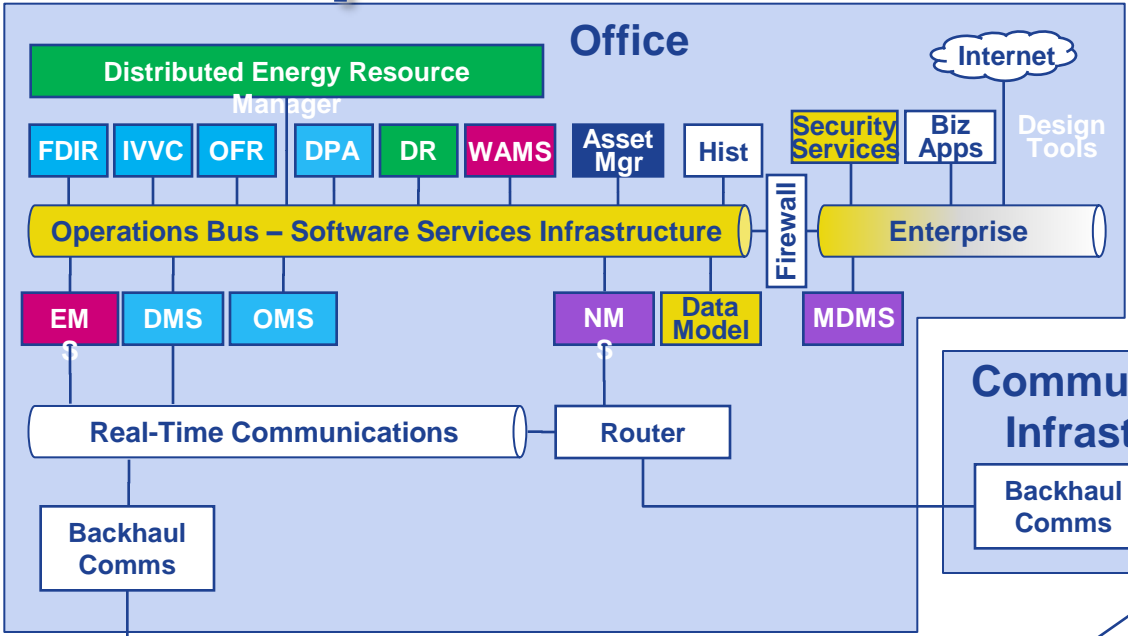
Software Services Infra



Asset Optimization

Optimized Solutions

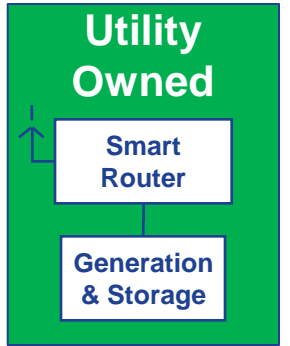
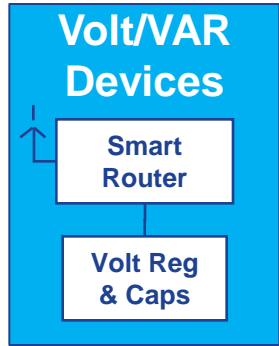
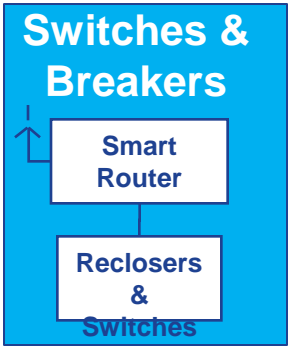
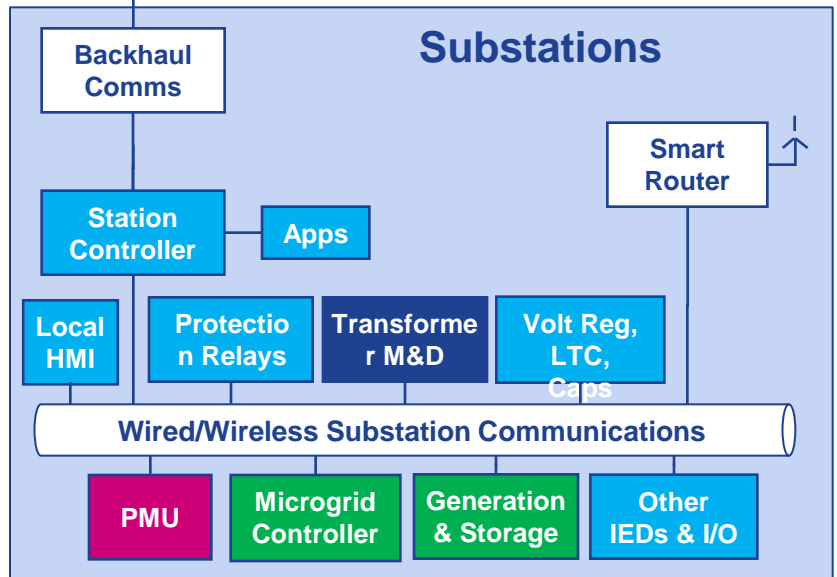
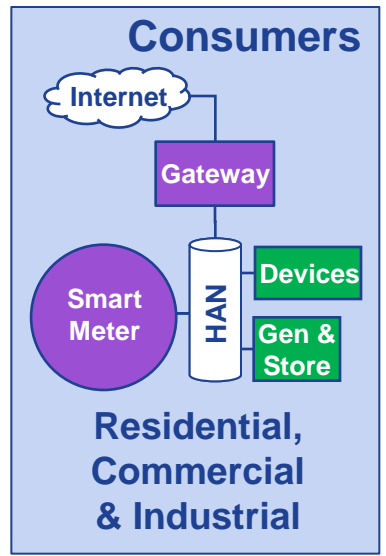
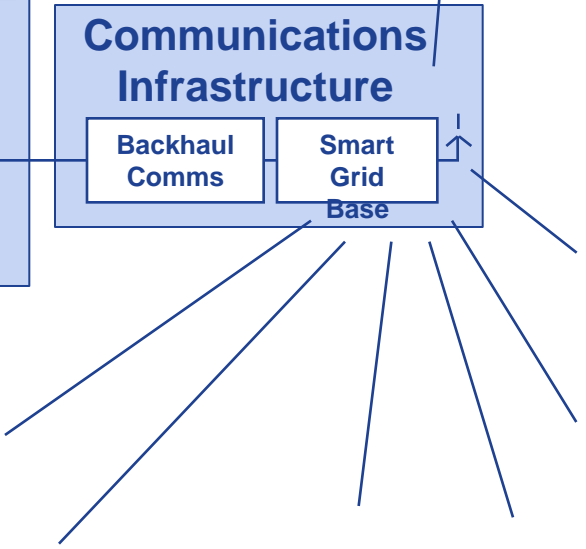
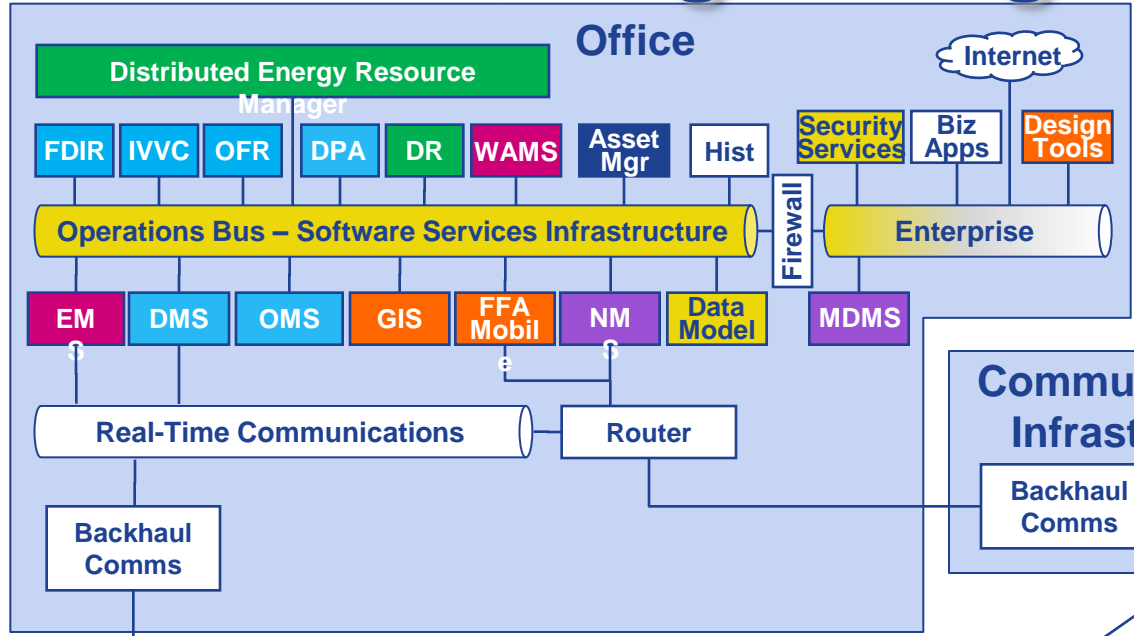
- Smart Meter Systems
- Demand
- Distribution
- Transmission
- Asset
- Software Services Infra



Workforce & Engr. Design Opt.

Optimized Solutions

- Smart Meter Systems
- Demand
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- Transmission
- Asset
- Workforce & Engr Design
- Software Services Infra



The Smarter Grid

An open integrated Smart Grid provides incremental improvements to each function.

Smart Meter Systems



Demand Optimization



Distribution Optimization



Transmission Optimization



Asset Optimization



Workforce & Engr Design Opt