



# Smart Grid

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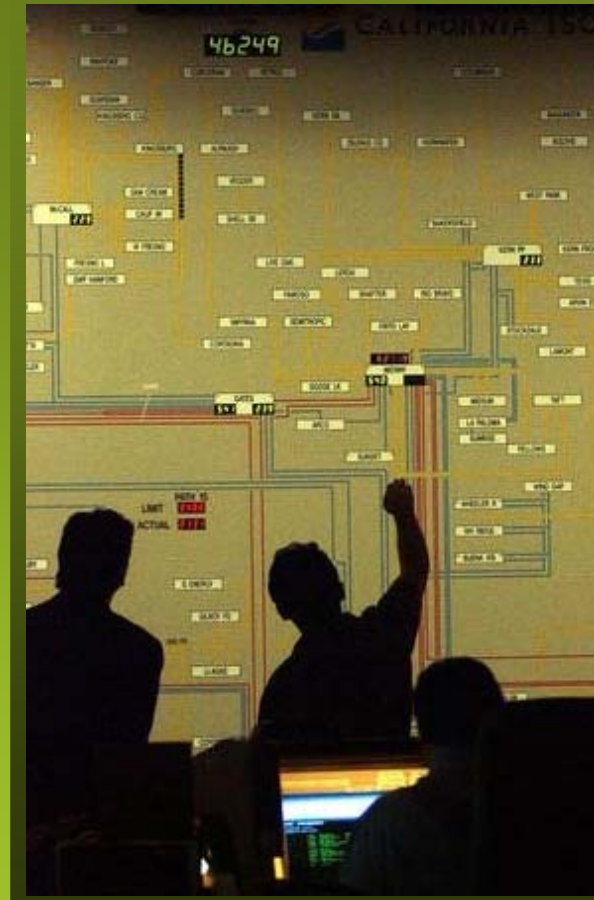
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# Cisco Smart Grid Strategy

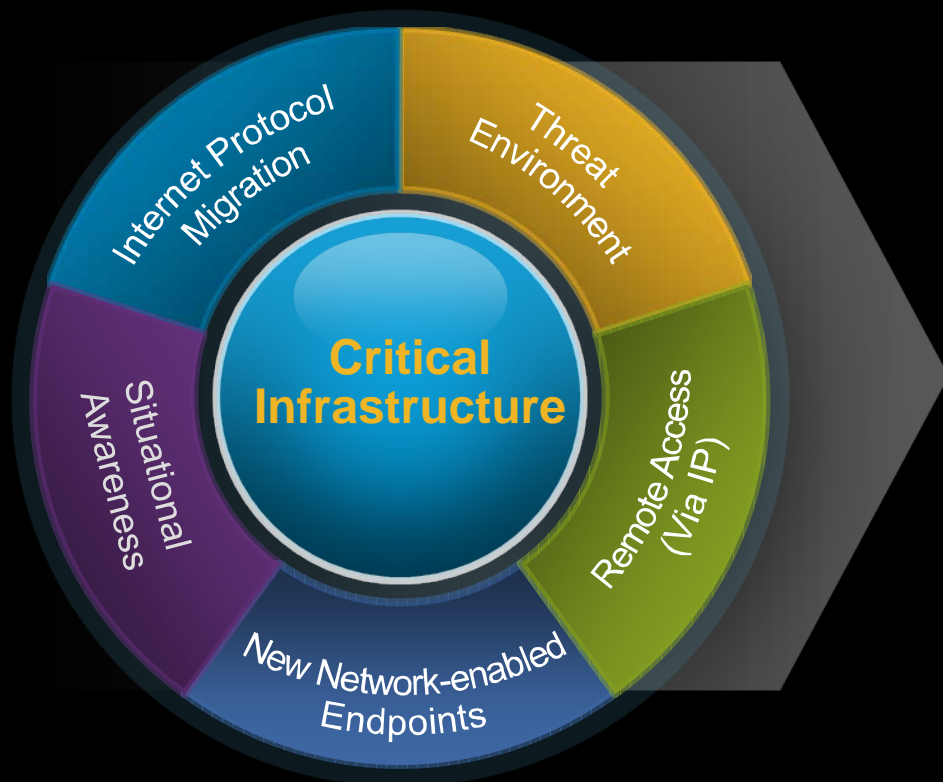
## End-to-End Communications Fabric

Provide end-to-end, secure communications fabric to help utility companies optimize power supply and demand

- Design and architect end-to-end, network from generation to home
- Standards-based and interoperable
- Reliable, resilient, and secure
- Seamless integration with grid, commercial, industrial and residential control systems
- Trusted and committed partner, delivering an integrated solution with world class products and services



# Cisco Smart Grid Security



## Requirements

- Physical security
- Identity and access control policies
- Hardened network devices and systems
- Threat defense
- Protection for data transmission and storage
- Real-time monitoring, management, and correlation

# Securing Distribution 2.0

Security for a converged demand and supply environment



Renewables Integration



PHEVs



Next Gen DMS

From centralized to distributed

From static to mobile

From a few interfaces to many

Security as a design function

Security through identity management

Security built into components

Security through dedicated devices

Security at every layer

Build security into the very fabric of the next gen distribution network

