



# Smart Cities

Connecting the cities of today  
Inventing the smart city of  
tomorrow

Anne-Lise Thieblemont, Sr Director, Govt  
Affairs

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Innovating & working together  
**seamlessly.**

This is Smart Cities  
and energy  
Smart buildings, infrastructure,  
transportation,

QUALCOMM®



# Intelligent **connectivity** is at the core of Smart Cities

Continuous  
evolution

3G/4G  
& Wi-Fi

LTE broadcast



LTE in  
unlicensed  
spectrum



Device-to-device  
communications



Extreme  
densification  
with small cells





# Challenges & Opportunities



## Intelligent Connectivity

An underlying service of all departments  
Breaking down traditional vertical procurement models

## New business models

Cultural change, re-think how infrastructure and connectivity are bundled – multi-modal

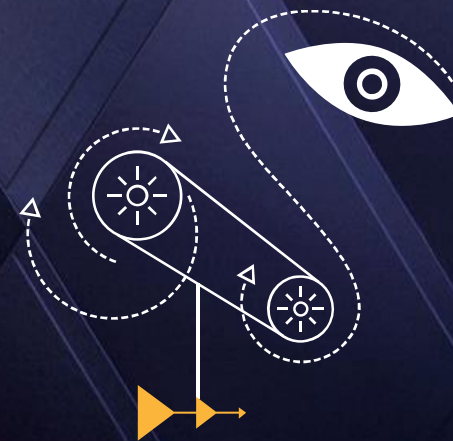
## Quality of Service

Privacy, Security, Resilience, Robustness vs. best effort

## Interoperability & Scalability

Spectrum harmonization  
Standardization for interoperability at a city level

# Thank you



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