Smart Communities

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**What is a smart community?**

**A smart community...**

- Is more than high speed connectivity, sensors and software
- Uses **technology for the digital transformation of a community** to drive economic growth, innovation, sustainability and citizen engagement
- Whether **at home, at work, at school, on the go or around town**, a smart community **is focused on making the community** desirable and livable, and improve the quality of the lives of those within them
Services enabled in Smart Communities

- **Urban Mobility**
  - Smart Parking
  - Autonomous driving vehicles
  - Traffic Monitoring
  - Route Optimization
  - Bus Fleet Management

- **Energy & Sustainability**
  - Dynamic Lighting
  - Smart Water Management
  - Smart Buildings
  - Pest Management
  - Smart Waste Management

- **Safety**
  - Dynamic Traffic Signs
  - Self driving cars
  - Video surveillance security
  - Critical Infrastructure Management
Infrastructure components to enable Smart Communities

- Communities have limited budgets to address a single ‘smart’ service at a time
- Individually, these services improve quality of life, productivity, and sense of belonging in a community
- For “smart” community, these services need to collectively interact and integrate using intelligent platforms
- These platforms enable communities to offer a wide range of ‘smart’ and scalable services
What is Spectrum Enterprise doing today?
Providing infrastructure to power smart communities initiatives

- Whether at home, at school, at work, on the go or around town, we offer a wide range of fast, secure and reliable connectivity solutions for the entire community.
- By the end of the year, Charter plans to offer Gig Internet to most homes and small businesses in the markets we serve.
- We offer connectivity services up to 10 Gbps to larger businesses.
- We provide over 250,000 free WiFi hotspots across our footprint.
- We are trialing new scalable wireless technologies and platforms to provide ubiquitous low latency, high bandwidth infrastructure that connects to the sensors and devices that power smart cities.
- We are engaging with communities on their smart community initiatives (RFPs/RFIs).
- We are evaluating a wide range of technologies and platforms to deliver an integrated smart community solution.
Thank you.

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