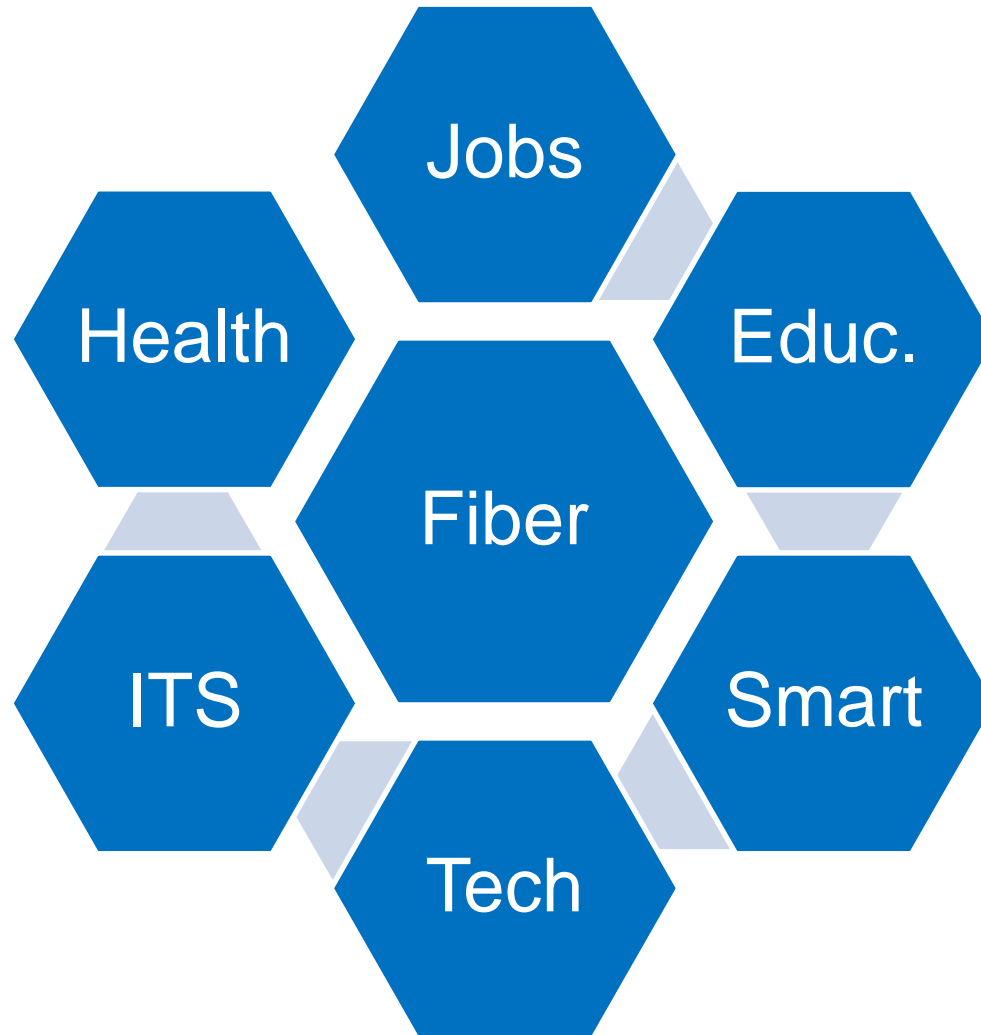




Community Broadband Summit
Uses of Fiber
March 20, 2018



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Jobs – Economic Development

- Attracting Businesses
- Job Training
- Work From Home
- Retaining Businesses
- Incubators/Accelerators
- Hackathons



Integrated Community Needs/Goals



ADVANTAGES OF SMART CITY

CONTROL

WATER TREATMENT
WATER MANAGEMENT
ENVIRONMENTAL CONTROL
CONSERVATION OF ANIMAL POPULATIONS

UTILITY

SMART WASTE MANAGEMENT
RECYCLING
REUSE
EQUIPMENT MONITORING/CONTROL

SERVICES

MOBILE PAYMENTS
REMOTE OUTAGE NOTIFICATION
ONLINE ORDERING
REMOTE CONTROL
24 HOUR ACCESS

TRANSIT

INTELLIGENT RAIL AND TRANSIT SOLUTIONS
FLEET MANAGEMENT
ASSET TRACKING
MOBILE PAYMENTS
SMART ROADS

PUBLIC SAFETY

VIDEO SURVEILLANCE
REMOTE SECURITY MONITORING
EMERGENCY RESPONSE
SMART STREET LIGHT
MASS NOTIFICATIONS

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What are others doing with SMART CITIES?

- 100s of initiatives worldwide
- Many strategic plans underway
- “Big data” companies: “mainframe” approach
- Data: easy to gather, difficult to understand
 - Dashboards

Topics vary widely

- Mobility
- Resilience
- Public Engagement
- Technology



Cellular Trends

- A Transmitter on Every Block (300 Feet vs. 3 Miles)
- 5G will require fiber feeds to each transmitter
- Fiber solutions can **CREATE REVENUE**
- **Control Aesthetics**



Fiber Can Provide a Community the Opportunity to Develop a New Identity or Brand/Re-Brand Itself



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Five Things You Can Do RIGHT NOW

1. Identify your internal champion
2. Assess your infrastructure
3. Develop a community vision
4. Establish fiber-friendly initiatives
5. Identify a trusted advisor



Thank You!

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