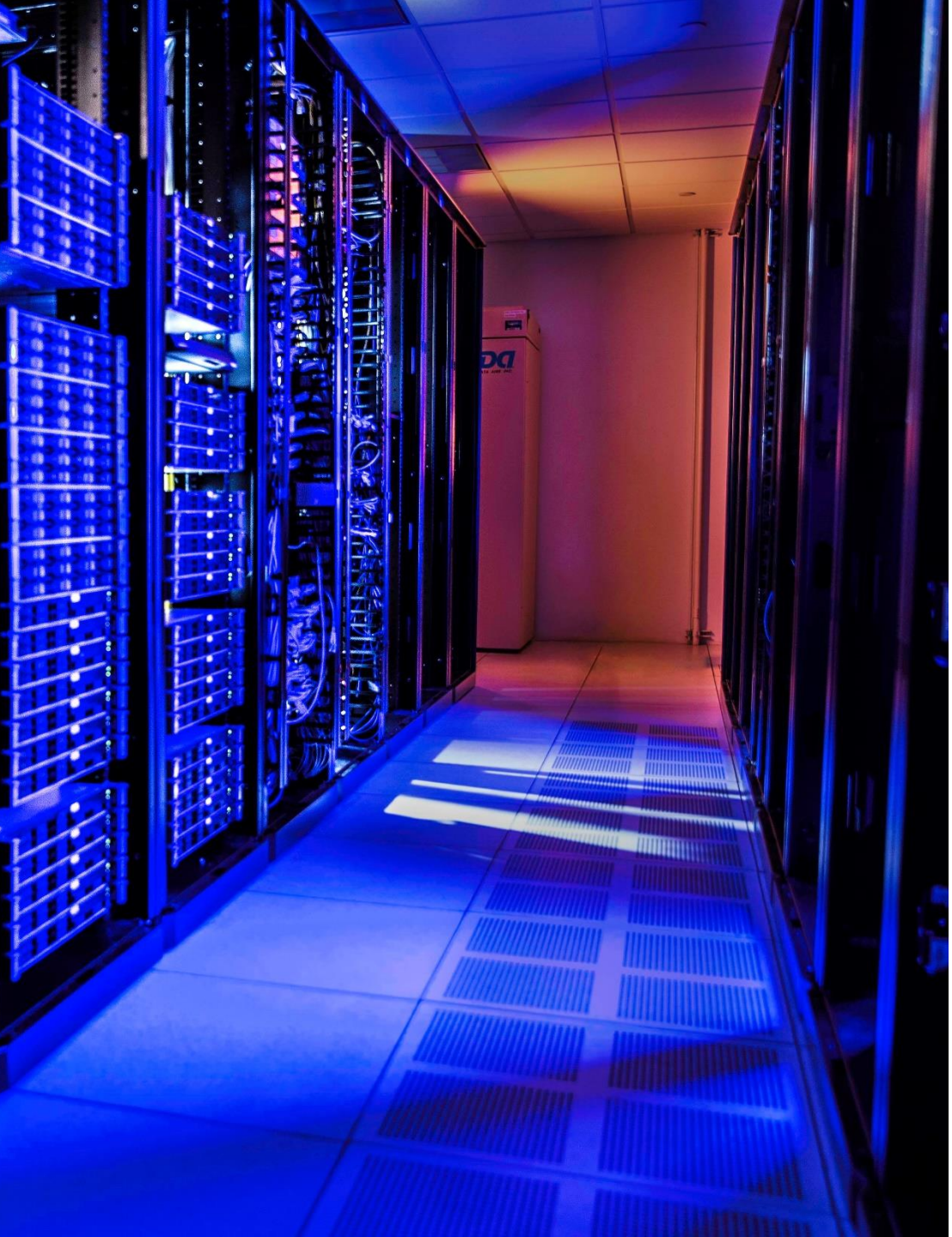
Hotwire® COMMUNICATIONS | fision®

Smart City Solutions

Emerge Americas
Booth #443

Population Growth

- By 2050, 68% of the population will live in cities.
- A city's infrastructure needs a fiber network.
  - Ultra Robust Bandwidth
  - Highly Secure
  - Extremely Adaptable



Bandwidth

- Limitless Capability
- High Bandwidth Crucial
- Speeds of 10 GBPS
- High Speeds Create Seamless Interaction

Network Security

- 24/7 x 365 monitoring
- Early detection and warning systems
- Personnel with experience across multiple industries
- Proactive approach against intrusive activity

Fiber Optics

- Fiber Optic Links
  - greater bandwidth,
  - longer distance
  - more signal immunity
- Resistance
  - temperature fluctuations,
  - severe weather conditions
  - moisture
- Lifespan Over 100 Years
- Replace Outdated Solutions
  - Copper and twisted pair transmission
  - Traffic signal loop sensors

City's Growing Demands

City planners are telling cities to support massive fiber optic backbones for:

- small cells and traditional cell sites
- landline phones
- internet service providers
- private communications networks for city services
- public and private WiFi
- private networks for internet connections to businesses

Infrastructures will require ever-increasing data rates

- Facilitate real time communications between a wide variety of remote field devices and control centers
- Allow for continuous interaction between the City and its many different departments

Solutions for Traffic Control

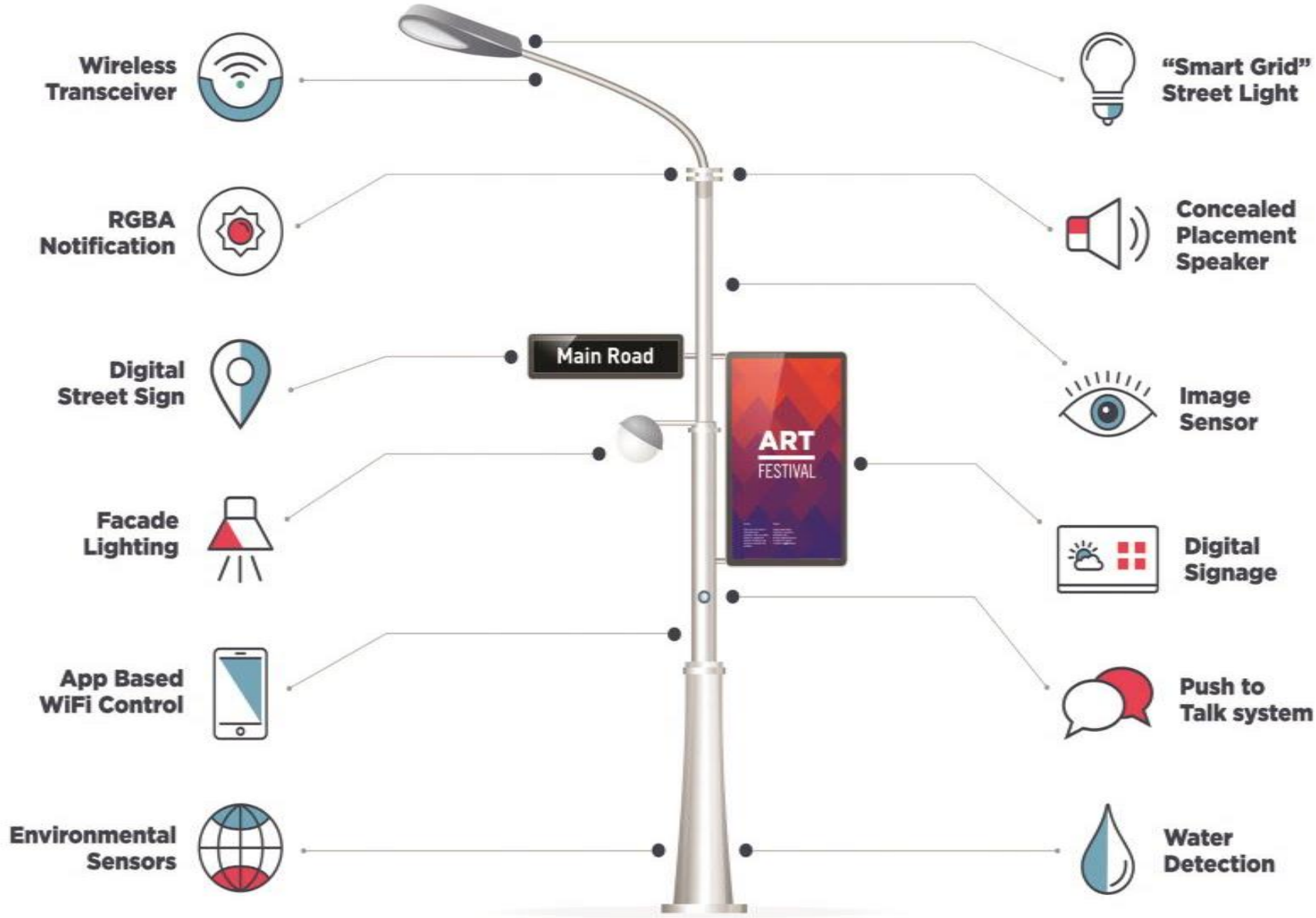
Real-Time Traffic Conditions

- Control the flow of traffic
- Citizen Friendly
- Diverts traffic for:
  - *Accidents*
  - *Construction*
  - *Road Debris*
  - *Events*

Intelligent Transportation Systems

- Smart Street Lighting
- High-resolution cameras
- Smart Traffic Signals and Signs
  - Interaction with vehicles
  - Communications from the infrastructure to vehicles

Smart City Applications



Information Notifications

Variable Message Signs

- Amber Alerts
- Accident Warnings
- Speed Limit Changes
- Delay Times
- ETA's
- Law Enforcement Alert Notifications

Weather and Flood Solutions

- Sensors for Weather Conditions
  - Air Quality Sensors
- Water Levels Sensors
  - Protect against submerged roads
  - Trends during King Tides and flooding events

Video Surveillance

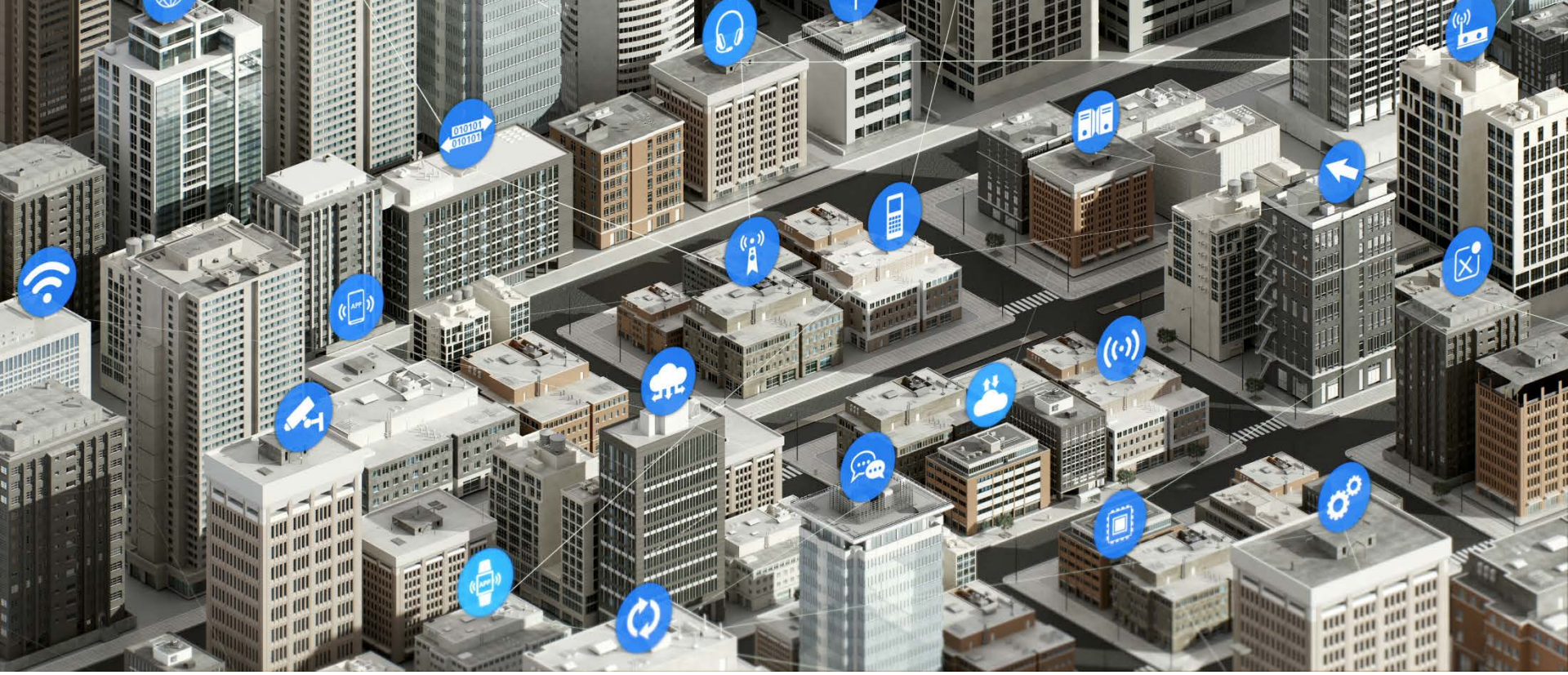
- Pan-Tilt-Zoom (PTZ)
- Surveying intersections, ramps and tunnels
- Video Analytics/Sensors
  - Video Management Systems
  - Gunshot Detection
  - License Plate Recognition

Public Services

- Create a communications and control infrastructure
  - Fire and Police
    - natural disasters
    - allocate emergency services
  - Utilities
    - more efficient and cost-effective
- Data Demands
  - Acquire, store and analyze massive amounts of data
  - Must-have commercial data centers
  - Public scalable WiFi

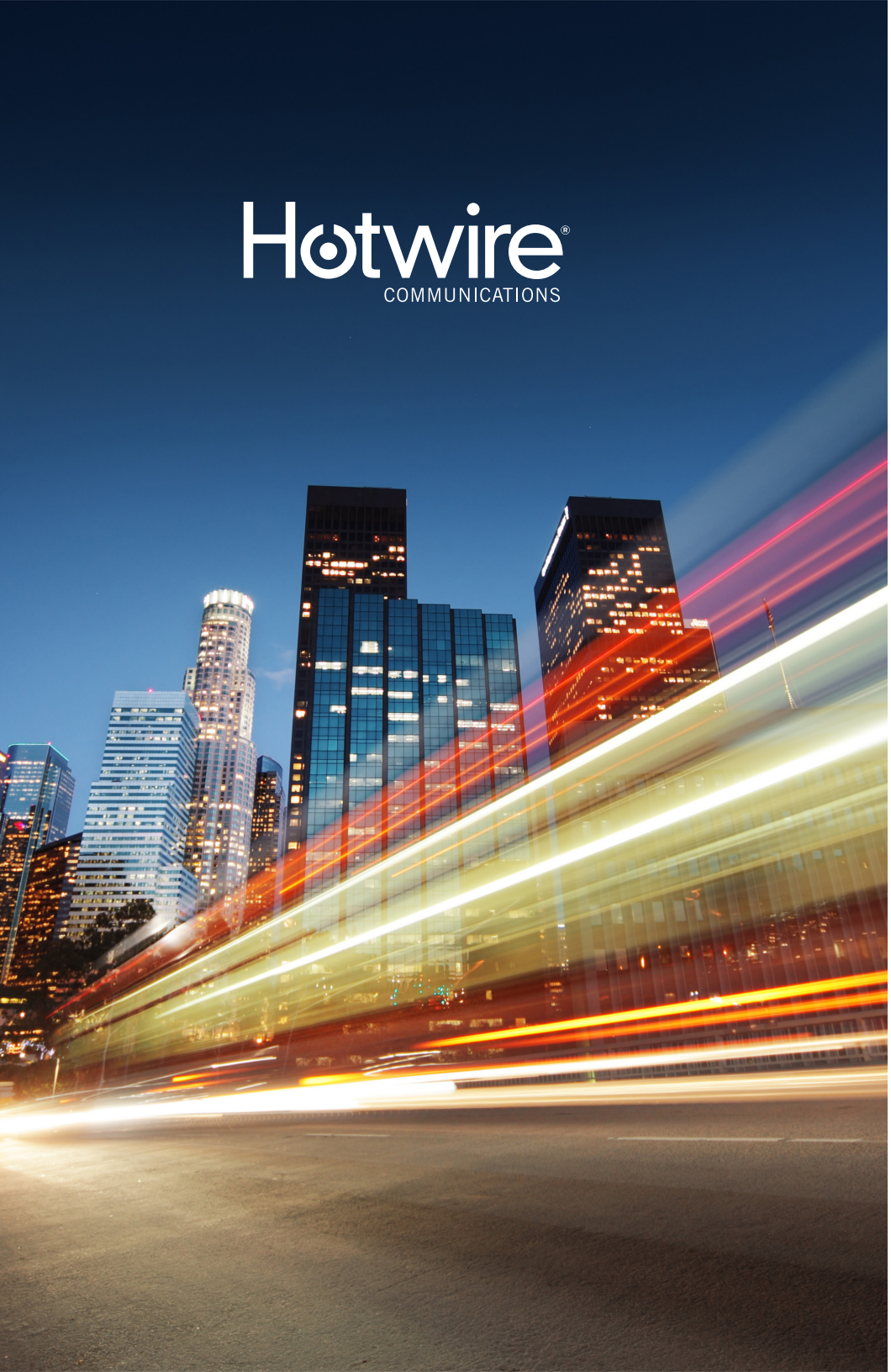
Financial Benefits of Fiber

- Cost Savings Grows with Expected Inflation
- Network Inexpensively Scalable for the Future
  - Capacity
  - Additional Sites
- More Productivity with Lower Latency



Multiplier Effect

- Partnering with a Local-Based Business
- Community Investment
- Job Creation
- Active Partnership
- Recoup Investment
- Triple-Bottom Line



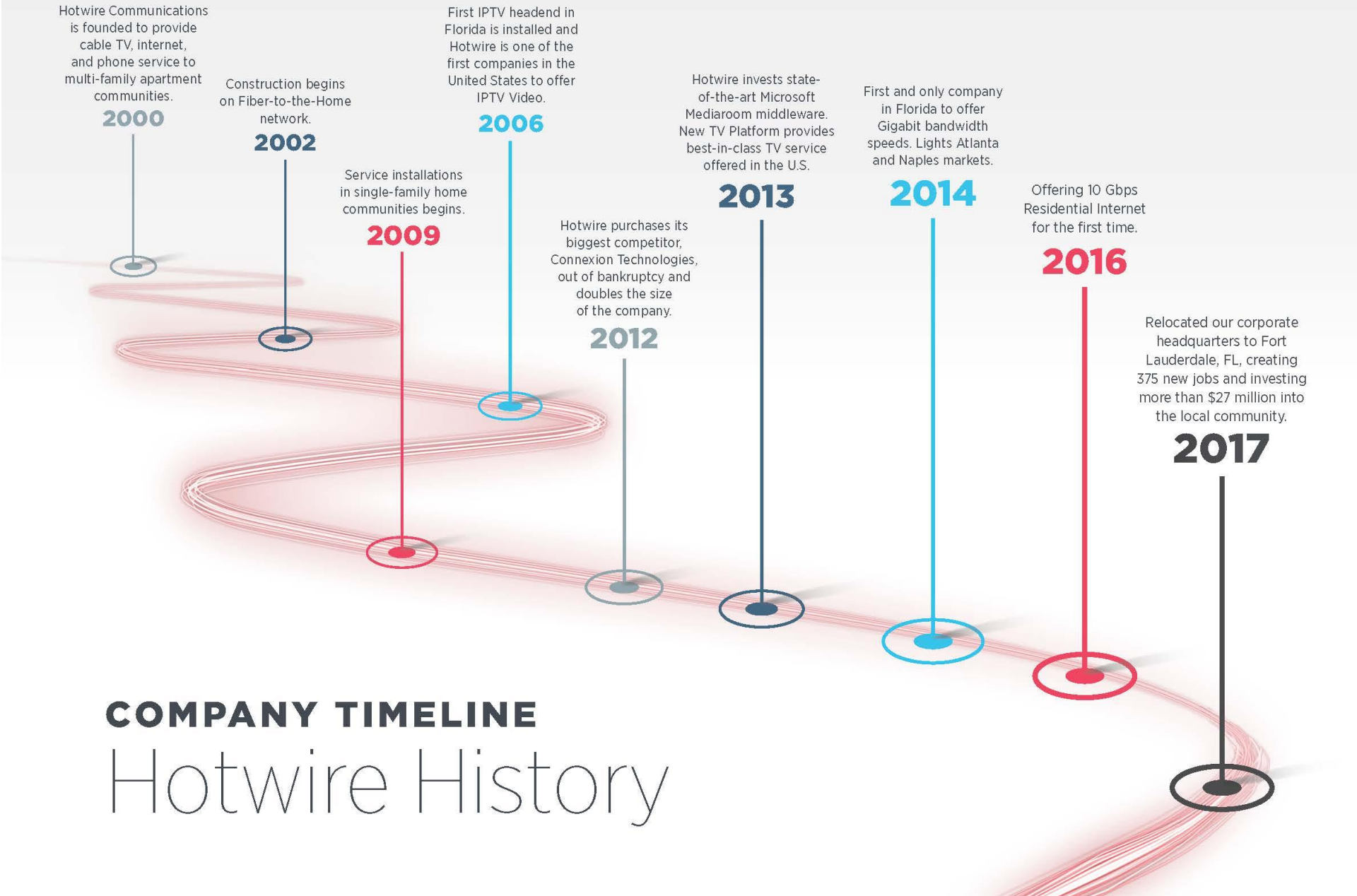
Who We Are

- We are a telecommunications company founded in 2000.
- We deliver customized fiber optic solutions to communities, businesses, municipalities, medical & educational institutions, student housing, hotels, and stadium centers across the nation.
- We own and operate a dedicated independent fiber optic backbone in all of our core markets through Fiber-to-the-Unit (FTTU) technology.
- We provide Gigabit speeds with no data caps - possible through an end-to-end fiber optic infrastructure.
- We are the largest, privately held provider of communications services in Florida.

Ownership

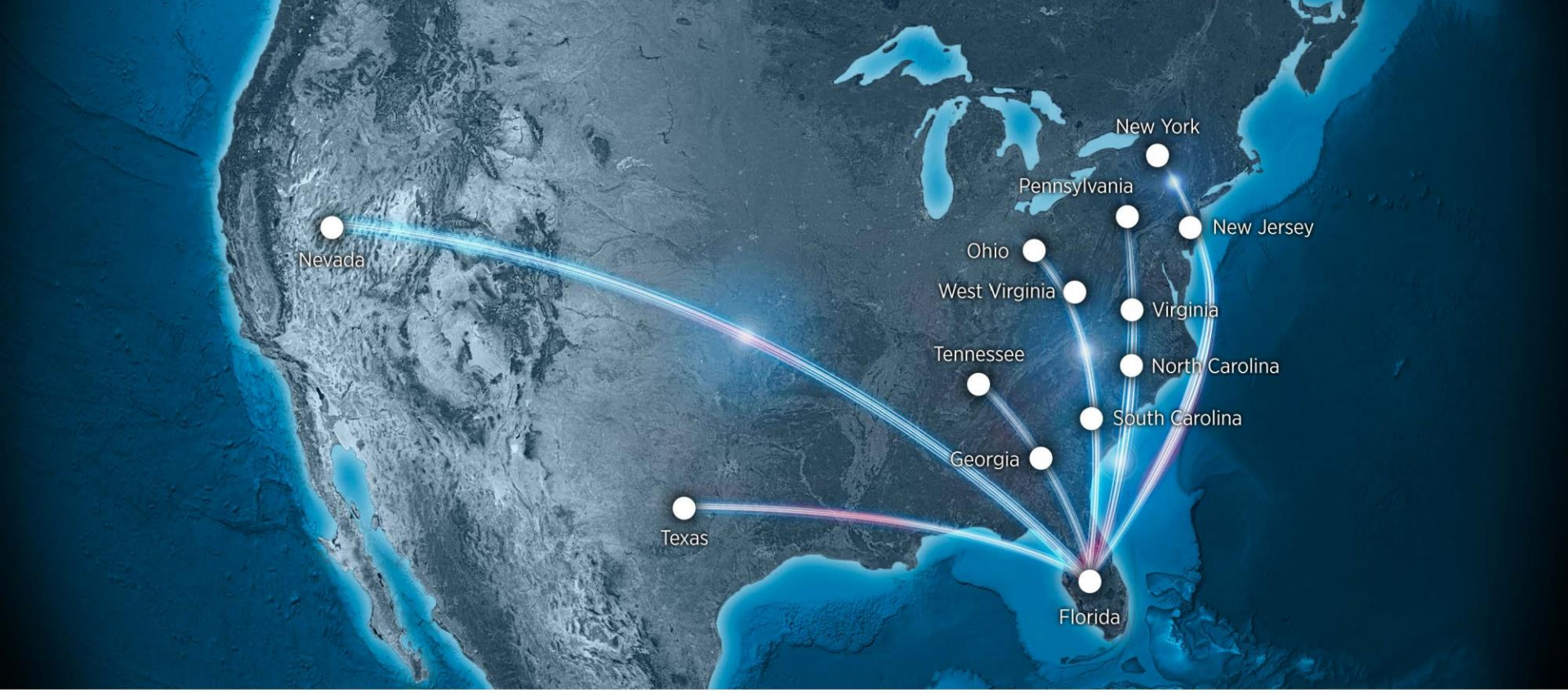
KRISTIN JOHNSON KARP
Co-founder & CEO

MICHAEL KARP
Co-founder & Chairman



COMPANY TIMELINE

Hotwire History



Fiber Footprint

Over...

- 1,100 Residential and Commercial Properties
- Over 100 Hotel Properties
- Thousands of Fiber Miles of Redundancy
- Over 1,200 On-Net Buildings

- Hotwire Communications owns and operates a Gigabit fiber optic network.
- Hotwire Communications designs, builds, and provides a full suite of bundled telecommunications services.
- Competitive Local Exchange Carrier (CLEC)
- Franchised Cable Operator for construction in Public Rights-of-Way.

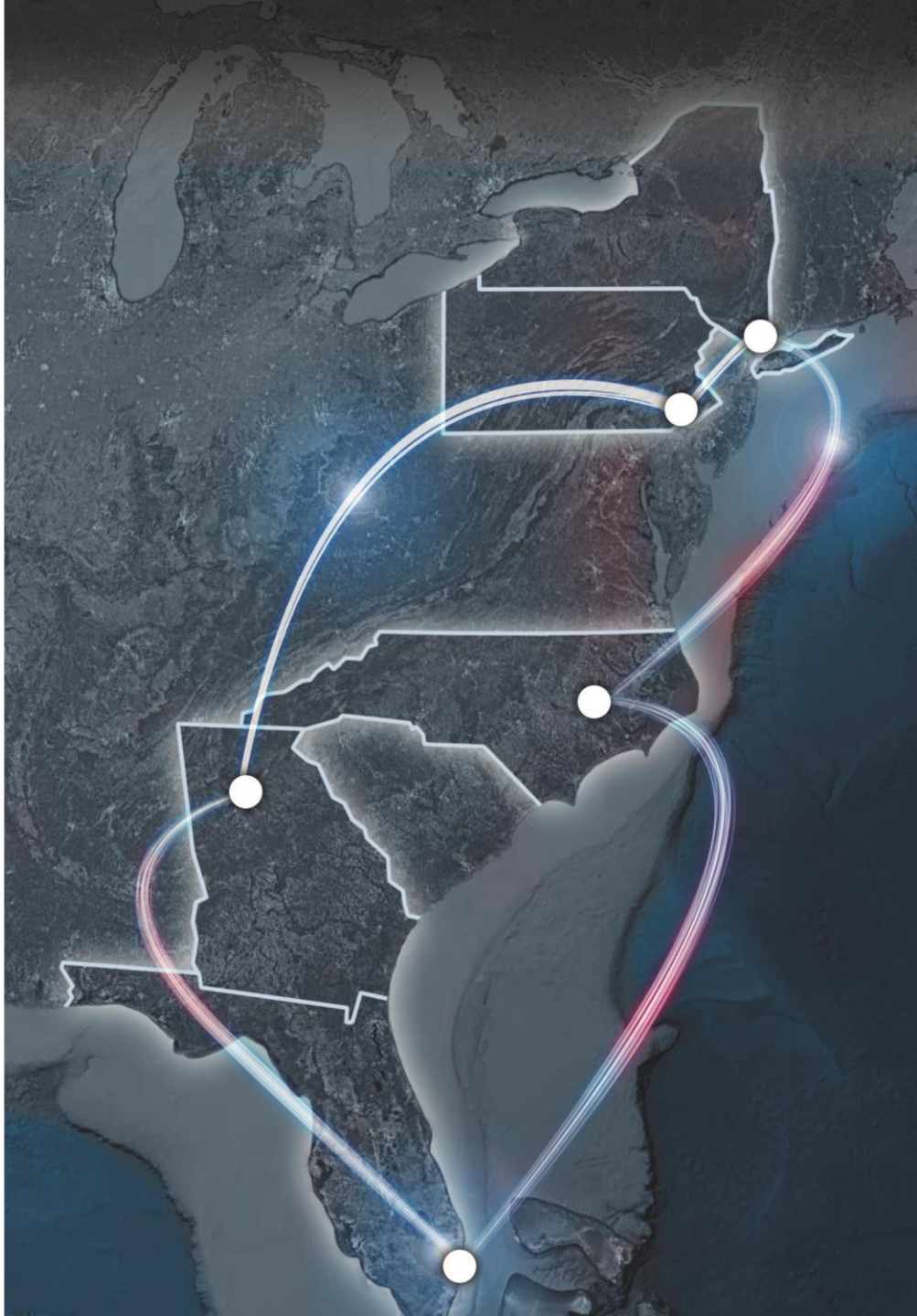
Network Redundancy

Gigabit, geographically diverse intra-city network connecting each market with Fision

Fiber Rings guarantee 99.999% service uptime through a reliable, redundant network. Even if one node goes out, there will be no interruption of service.

Fiber Strand Miles

- Backbone Fiber: 3,494
- Lateral Fiber: 57,100
- Total: 60,594



Smart Fiber Deployments

The Avalon

- First FTTP Fiberhood in Georgia powered by Hotwire Communications (2016)
- Offers 500,000 square feet of retail, with a 12-screen theater, boutique and full-service hotels, office space, single-family residences and luxury rental homes

Miami Beach Smart Lighting System

- Design, Build, Operate and Maintenance SMART City street lighting system
- Designed a “Future Proof” Master Plan
  - planning for the integration of the smart services of tomorrow
- Open Platform capable of integrating with existing Smart City initiatives
- Implementations of Future technology; planned in a phased approach.