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# FPUANet Story

August 2022

- **Fort Pierce**
  - Established 1901
  - 31 sq. miles
  - Residents 45,000
- **FPUA**
  - Established 1972
  - Electric Customers 28,870
  - Water Customers 21,470
  - Natural Gas Customers 4,110
  - 110 Miles of Fiber



# Timeline

Year 2000 - Internal fiber use for FPUA network

Year 2004 - Dedicated Fiber Internet Access

Year 2006 - **FPUA***net*

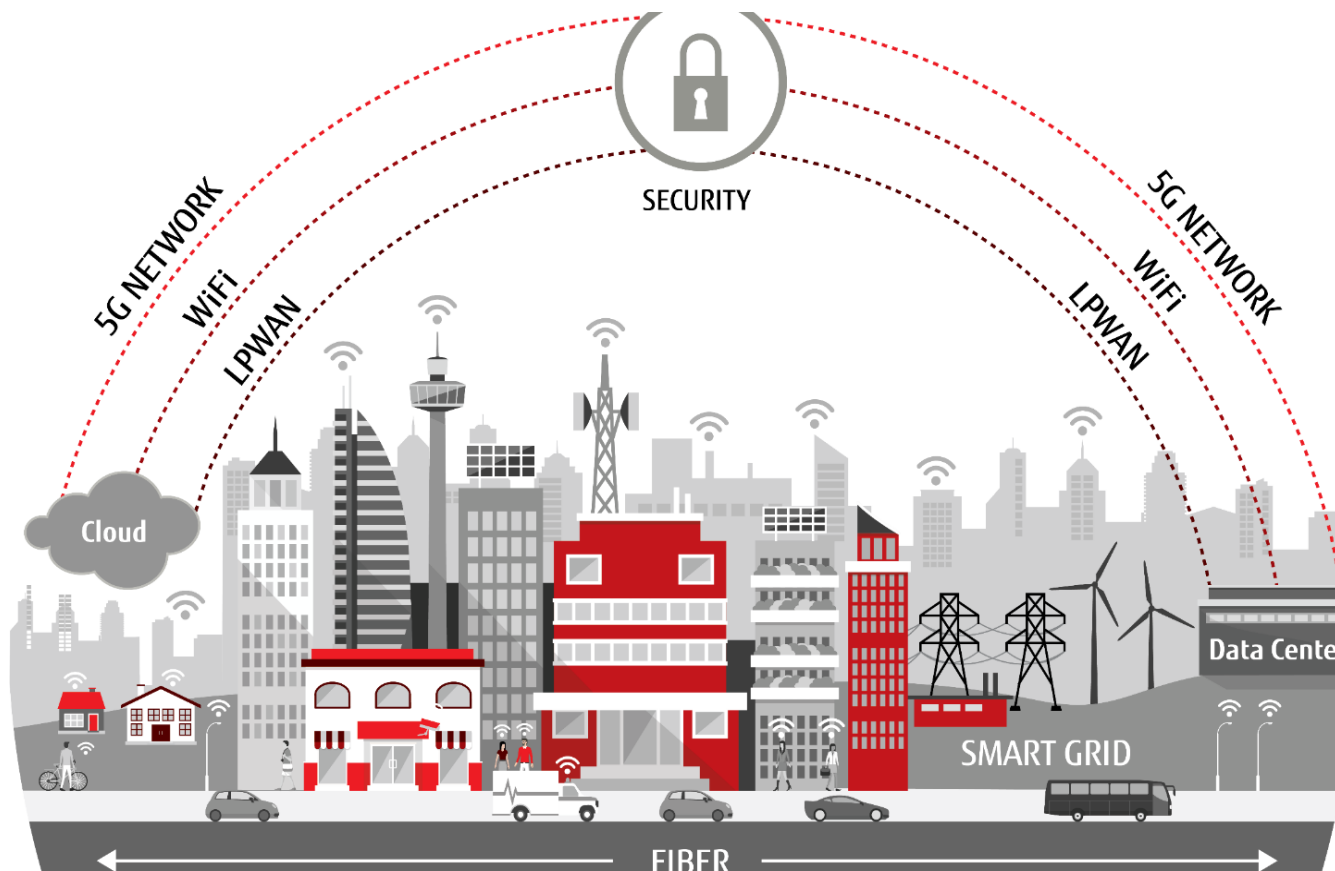
Year 2018 – SMART City Initiative

Year 2022 – FTTX Deployment



# Why Smart City?

## FPUAnet



Improved Infrastructure

Efficient Public Utilities

Improved Transportation

Reduced Environmental Footprint

Safer Communities

Cost Savings

Economic Development

Increased Workforce Engagement

More Effective, Data-Driven Decision-Making

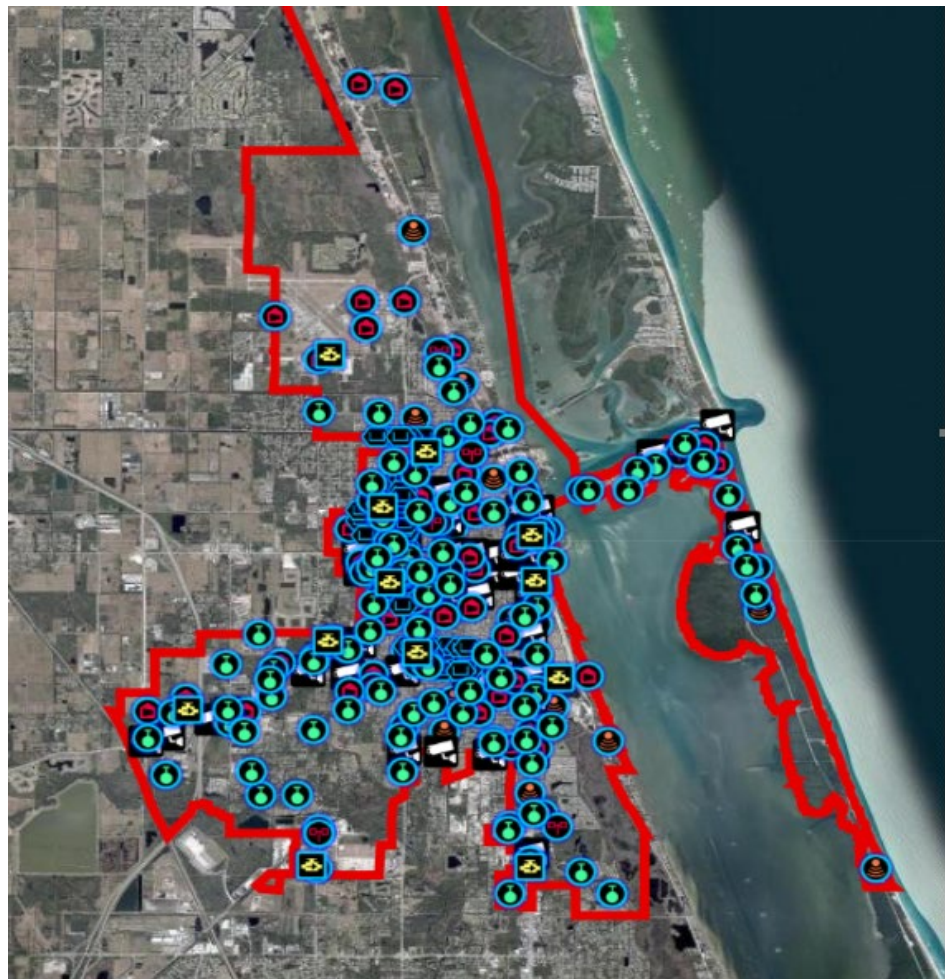
Enhanced Citizen and Government Engagement

Increased Digital Equity

Higher Quality of Life

Revenue Generation





## SMART City Connections (332)

- Gas Scada (12)
- Wastewater Lift Stations (91)
- Electric Reclosers (8)
- Water Wells (58)
- Capacitors (58)
- AMI Gatekeepers (33)
- Cameras (45)
- Park Wi-Fi (23)
- Digital Kiosks (4)

Identify Smart City  
Opportunities

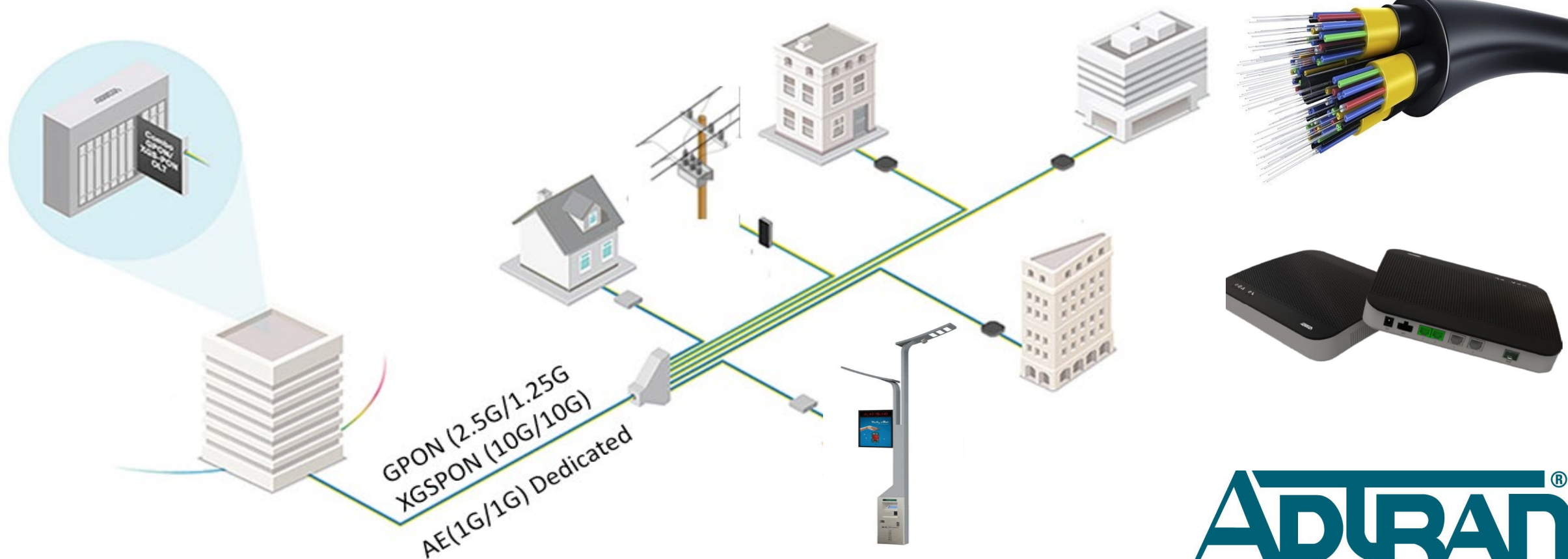
Solution  
Requirements, Design  
& Financials

Proof of Concept  
(PoC)

Solution Deployment

# Advanced Architecture

- **SMART City and Internet** over the same network
- **Improved reliability** & uptime over copper systems
- **Future proof** the speeds Fort Piece will need now and into the future.

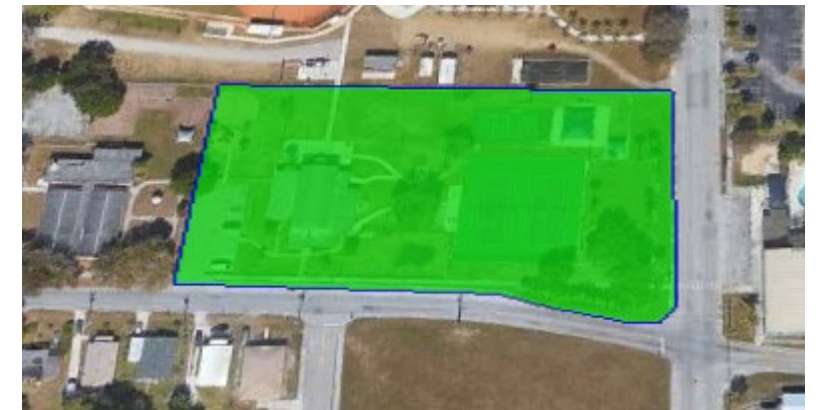




# Lincoln Park SMART Neighborhood



- Fiber to Every Parcel
  - 470 Services
- Public Wi-Fi
  - 5 Locations





# Downtown SMART City Initiative



- Fiber to Every Parcel
  - 400 Services
- Public Wi-Fi
  - 3 Locations
- SMART Kiosks
  - (4) 65" Double Screen Kiosks





# Community Outreach and Recognition

- Digital Divide – Cornerstone Award
  - Broadband Communities Summit – Cornerstone Award
- Podcasts
  - Community Broadband (Jason Mittler & Javier Cisneros)
  - Broadband Bunch (Jason Mittler & Rachel Tennant)
- National Articles
  - January 2, 2022, “Fort Pierce, Florida Utility Aims To Deliver Affordable Fiber To All” (Community Networks)
  - December 2021, “Florida’s Fort Pierce Utilities Authority Revitalizes Community With Fiber-Based Broadband” (Broadband Communities)



# Questions

