



FPUAnet Story

January 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*

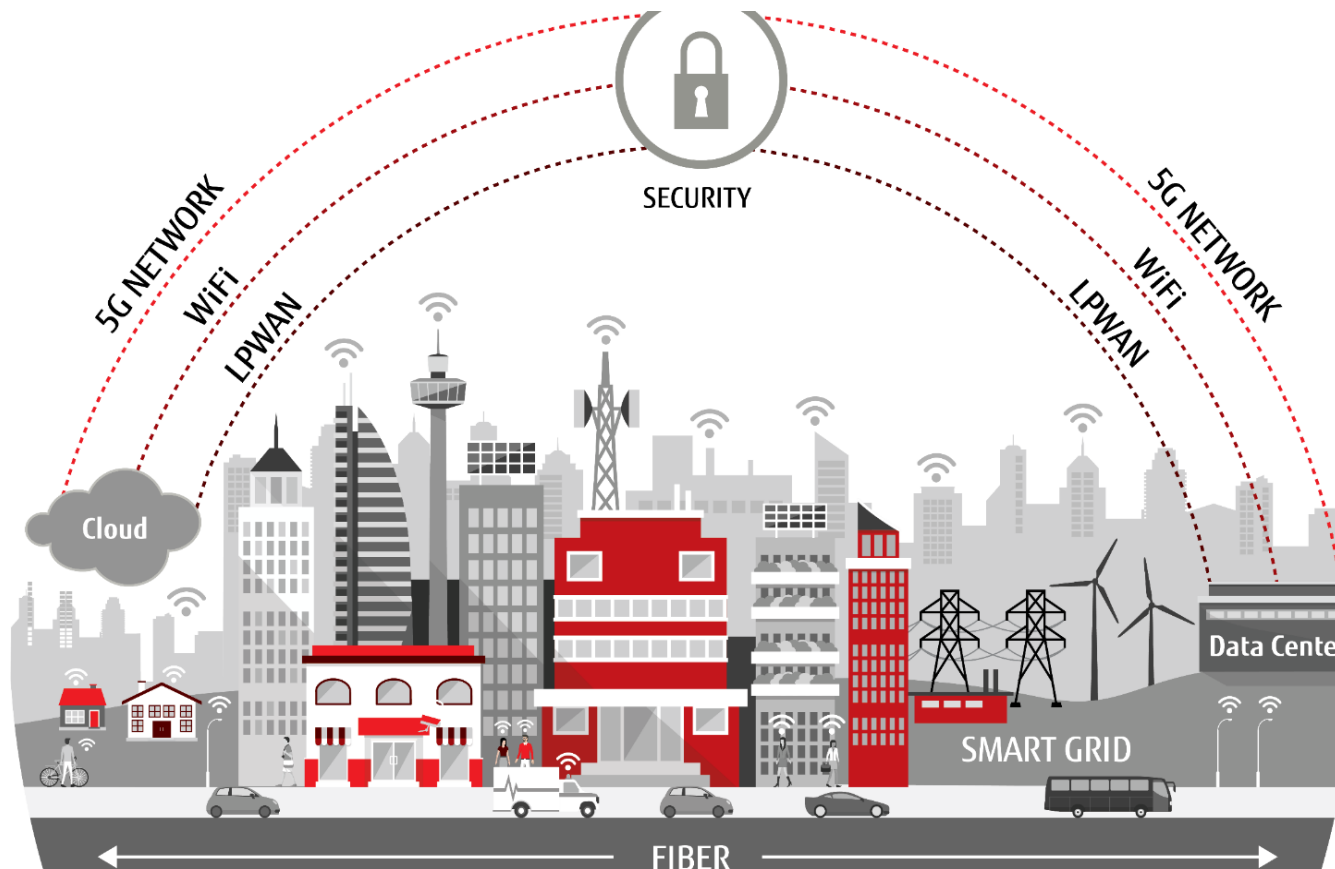
Year 2018 - SMART City Initiative

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

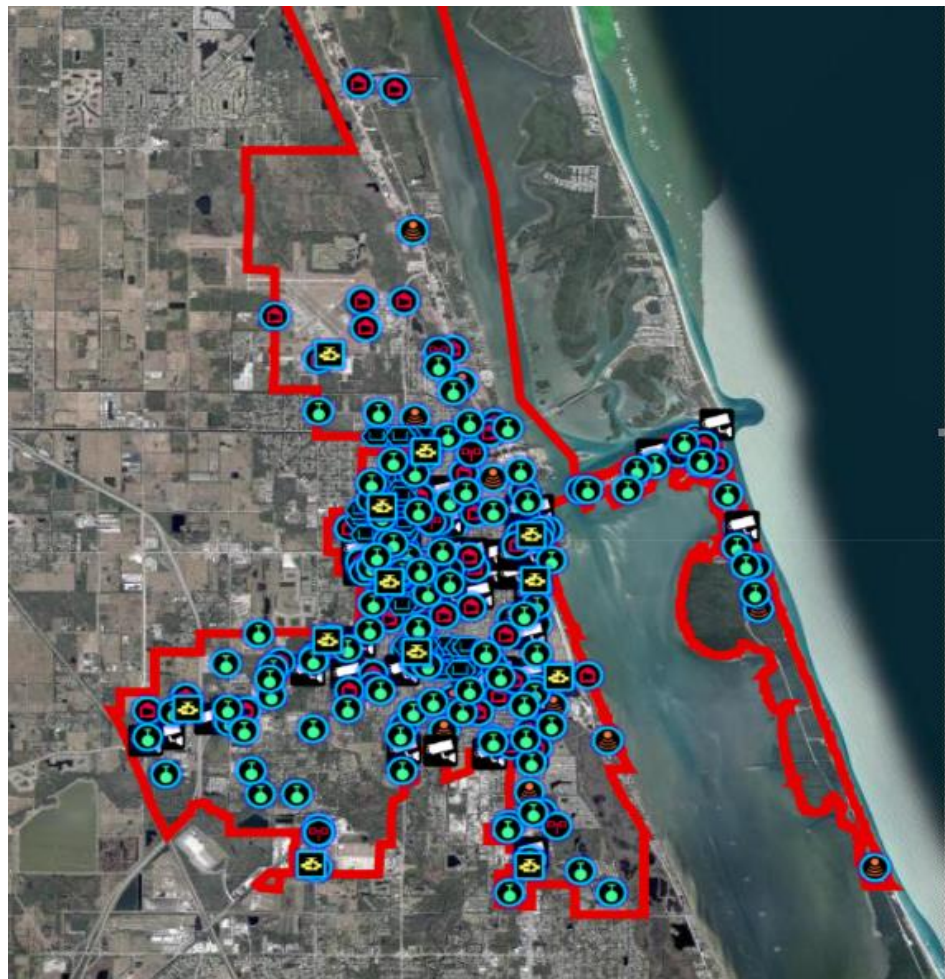
More Effective, Data-Driven Decision-Making

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

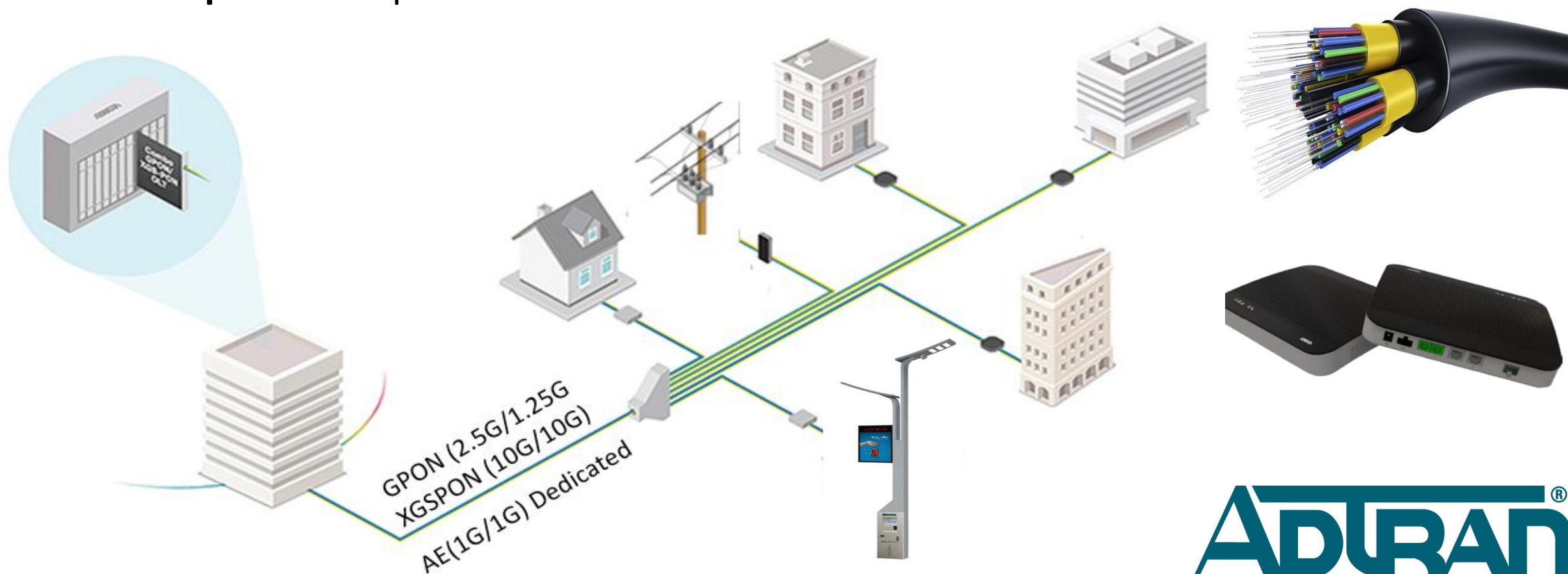
Solution
Requirements, Design
& Financials

Proof of Concept
(PoC)

Solution Deployment

Advanced Architecture

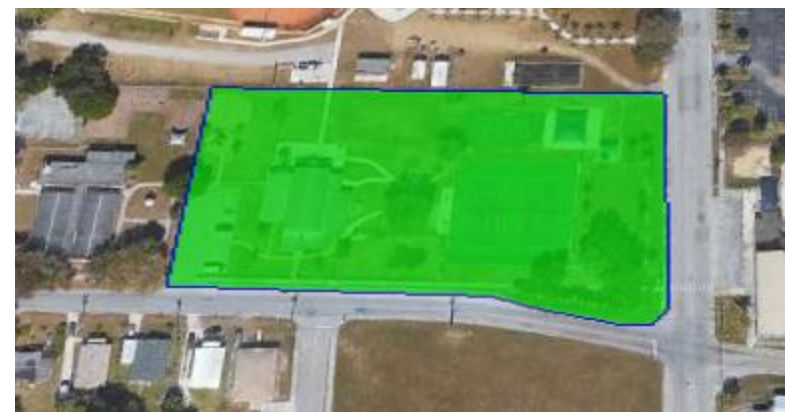
- **SMART City and Internet** over the same network
- **Improved reliability** & uptime over copper systems
- **Future proof** the speeds Fort Piece will need now and into the future.



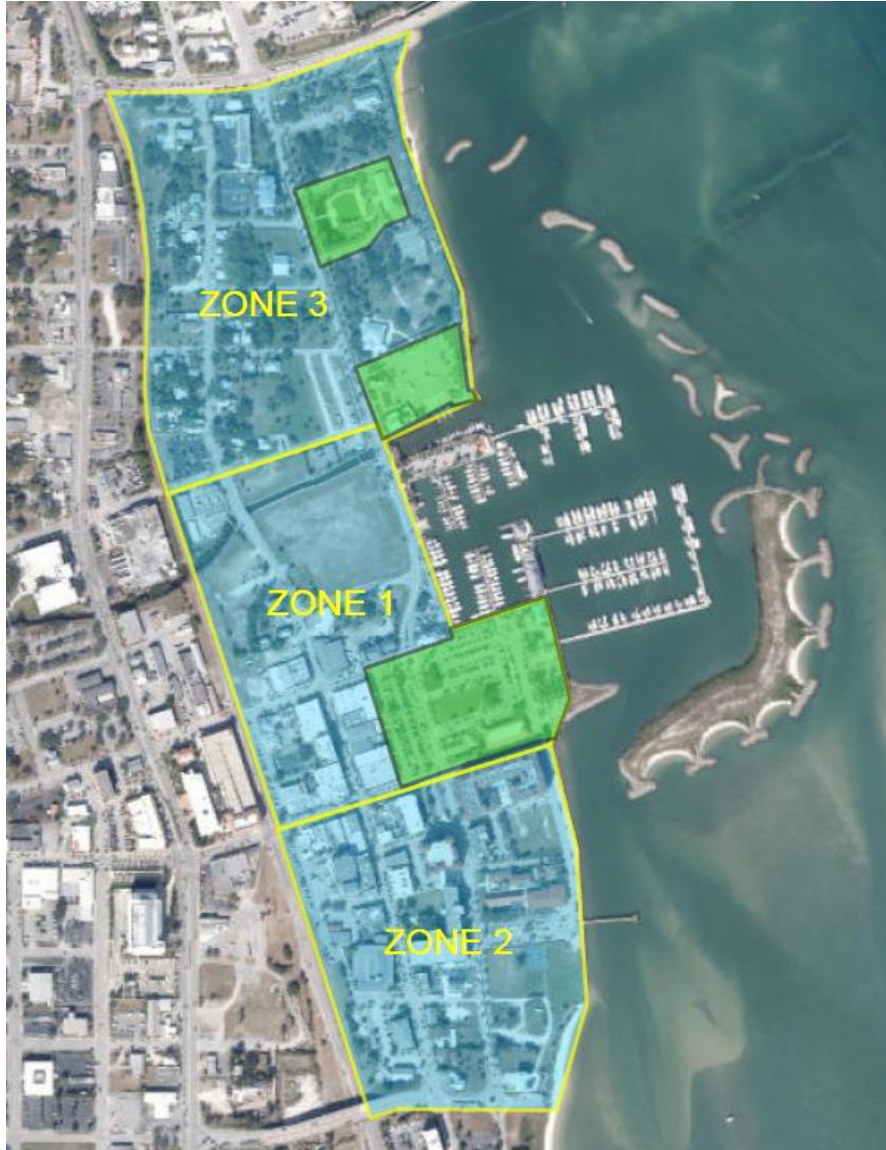
Lincoln Park SMART Neighborhood



- 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

