



**FPUA**  
COMMUNITY PROUD



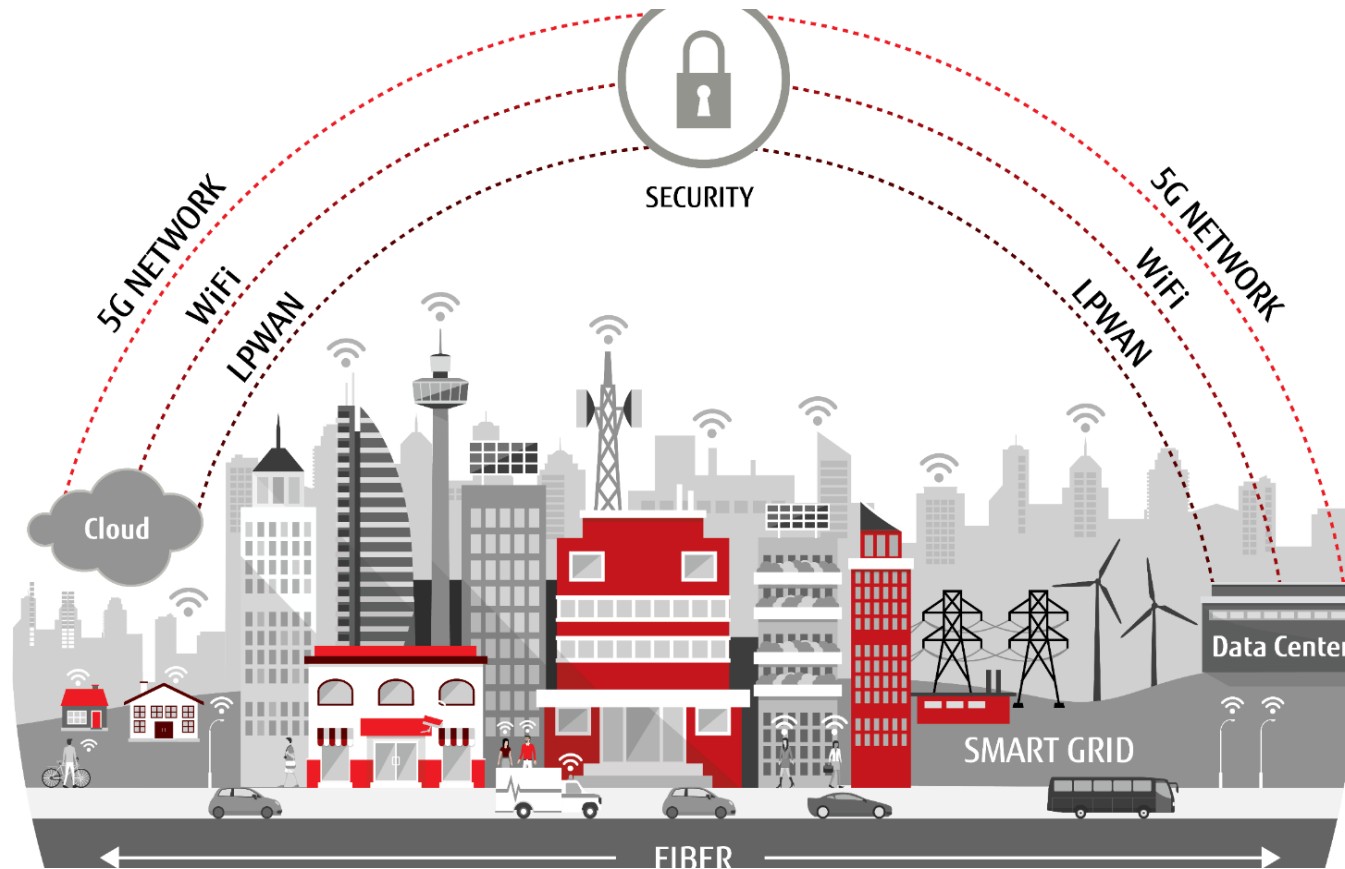
# Smart City

Downtown Initiative



# 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

***Improves Quality of Life, Cuts Costs and Spurs Economic Development***

### Revenue Creation

- Advertising
- Virtual Concerts
- Wi-Fi Monetization
- Traffic Analytics
- Environmental Analytics



### Security

- Surveillance Cameras
- Venue Announcements
- Public Safety Alerts



### Information

- Weather forecast
- RSS Announcement Feeds
- Calendar of Events



### Entertainment

- Selfies
- Venue Events
- Gaming
- Wi-Fi



### Wayfinding

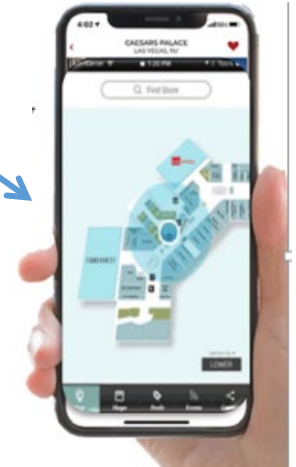
- Dock locator
- Restaurants
- Retail Shops
- 3D Navigation

### Artificial Intelligence

- Foot Traffic Analysis
- Visitor Data Capture (Gender, Age)
- System Support Monitoring



- QR Code scanning for Touchless Kiosk menu



# SMART Kiosk Locations

- ★ = 3-sided kiosk
  1. Manatee Center / 7 Gables House
  2. Ave A & Melody Lane
  
- ★ = 2-sided kiosk
  1. Orange Ave & 2<sup>nd</sup> Street
  2. Indian River Drive & Ave A
  
- ☆ = kiosk on wheels
  1. Marina Square



# Indian River Drive between Manatee Observation Center and House of Seven Gables



**Triple Sided – 55” Screen 7’ tall**



**Triple Sided – 55" Screen 7' tall**

# Avenue A & N Indian River Dr.

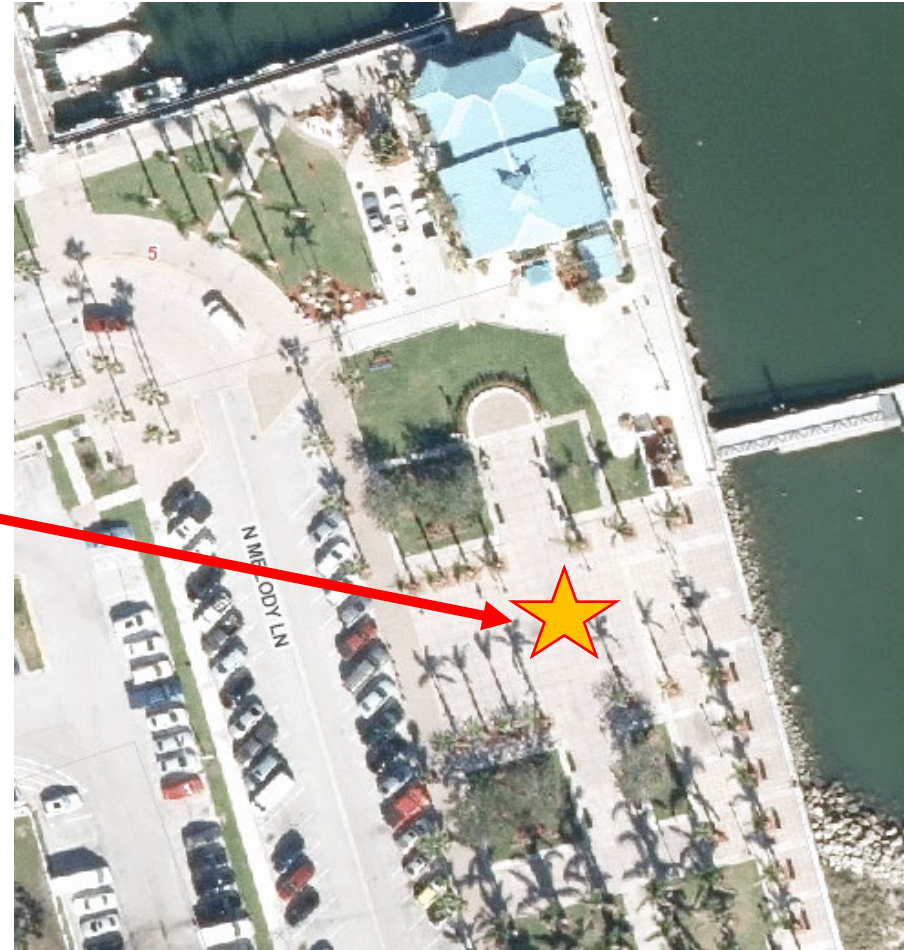


**Double Sided – 55” Screen 7’ tall**



**Double Sided – 55” Screen 7’ tall**

# Kiosk on Wheels at Marina Square



Single Sided – 55" Screen 7' tall

# Downtown Smart City Summary

Project Phase	When	Cost
<b>Phase 1:</b> Engineering & Design	May 2021	\$10,000
<b>Phase 2:</b> Fiber, Electric and Conduit Infrastructure Installation	Aug 2021	\$80,000
<b>Phase 3:</b> Installation & Configuration of Smart Kiosks	Sept 2021	\$65,000
<b>Phase 4:</b> Selection & Installation of Smart Street Lights	TBD	\$75,000
<b>Phase 5:</b> Electricity Charges, Bandwidth & Maintenance Costs for 5 Years	TBD	\$20,000

*Improves Quality of Life, Cuts Costs and Spurs Economic Development*

# Questions

