# Monetizing Your Network Beyond Residential

MARKET and STRATEGY OVERVIEW

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## Nice idea, but....

- Been there, tried that
- We already have more installs than we can handle
- Too many projects already, everybody is stretched thin
- I like where we're at: "staying in our lane"
- Our top line and margins are just fine



## What's Changing the Landscape

How it works ∨

Internet deals Support

■ Contact & support ∨ Q Search



No annual contract

Get fast, reliable internet with WiFi equipment — \$35/mo for 2 years

#### Leave exploding bills behind with **Price Lock.**

We're not like Big Cable—we won't raise your monthly price for home internet, ever. Keep your low price low at just \$50/month with AutoPay, plus no annual contracts or additional monthly fees

DDICE I CCK

**Check availability** 

I in monthly price for qualified a

#### Cable One targets FWA competition with 100-meg broadband promo





Cable One is evidently taking aim at fixed wireless access (FWA) competition with a new promo that pitches the operator's 100 Mbit/s (downstream) broadband service, paired with unlimited data, for \$25 per month for a year. The tier, which is paired with upstream speeds up to 20 Mbit/s, jumps to the regular price of \$50 per month when the 12-month promo ends.

BROADBAND

#### Nextlink targets radical growth by riding RDOF, fiber waves

Fiber and FWA provider Nextlink Internet was the top bidder in the FCC's CAF II auction and the number six bidder in 2020's RDOF Phase auction.

**EXPLORE FAST AND RELIABLE PLANS WITH** 

## Spectrum Internet®

STARTING SPEEDS UP TO 300 MBPS Wireless speeds may vary.



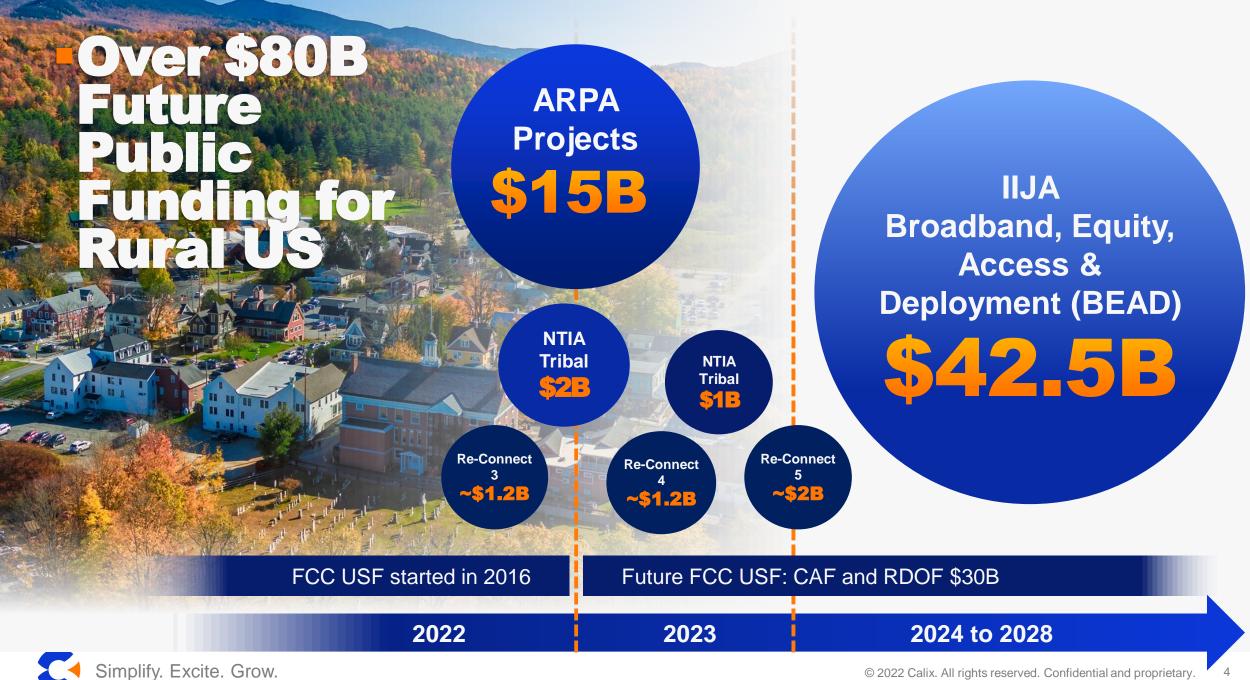
**FREE** Advanced WiFi For 12 mos



FREE Unlimited Mobile Line

For 12 mos

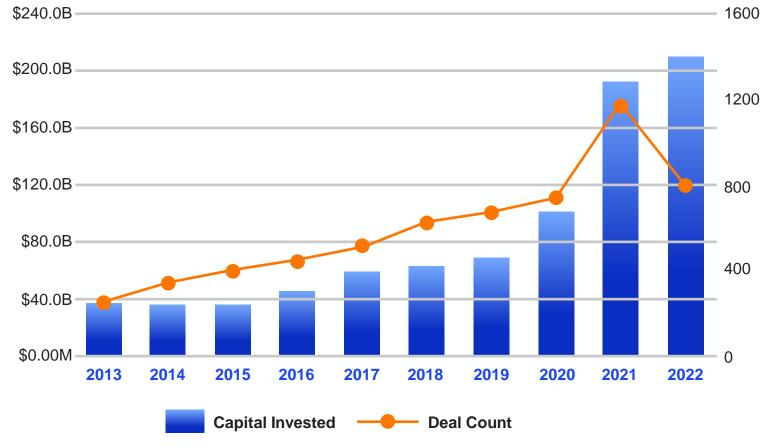




## Private Funding is Growing in All US Markets

#### **U.S. Private Equity - TMT**

**US-Based TMT Deals \$200B+ in 2022** 





## Rationale

- Competition = Margin Pressure on Consumer Broadband
- Segment diversification vs Product diversification
- Don't incent the overbuilders
- Scale with familiarity
- In-home broadband level of complexity has skyrocketed you can do this!

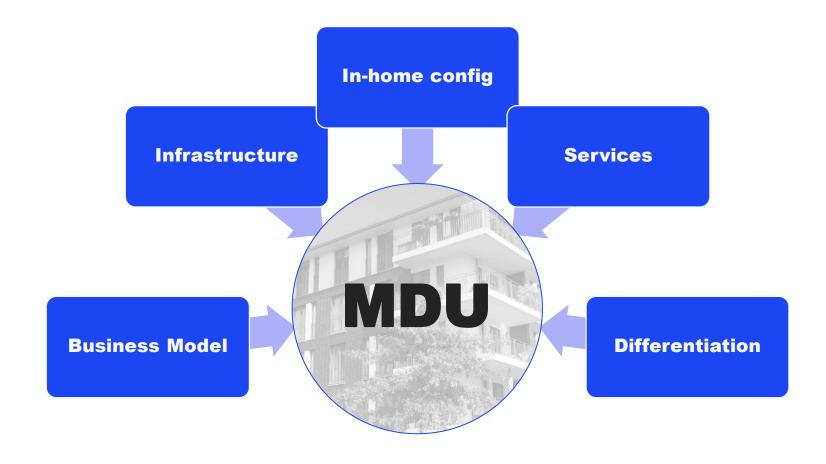






## A segment with room to scale

... no cookie cutter model across markets and service providers





## **Bulk Model**

#### **Property manager is your Decision Maker**

- Want to differentiate the property and meet the needs of current and future tenants
- Easy Button: Automation and self-service for tenant services (Service Left In Place, Instant On, etc.)
- No IT Staff: Don't want to be in the business of IT or troubleshooting WiFi problems → Plugand-play network, replacement, upgrade
- Business model flexibility: bulk, retail, hybrid



## **How to Stand Out and Win**

#### **Solve the Plumbing Challenges**

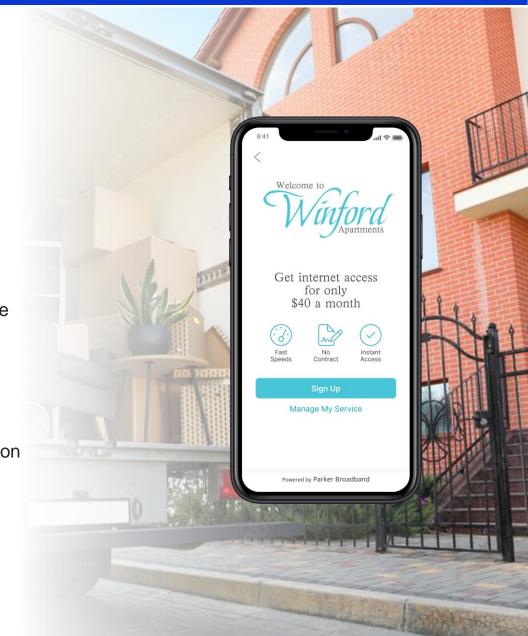
- Solutions for every physical medium
- Wi-Fi Everywhere: Units, Hallways, Common Areas
- End-to-end tenant engagement, operations, and support

#### **Personalized Services**

- Personalized services for tenants... ready for community Wi-Fi
- Services for property managers and their staff, IoT, day guests, and more

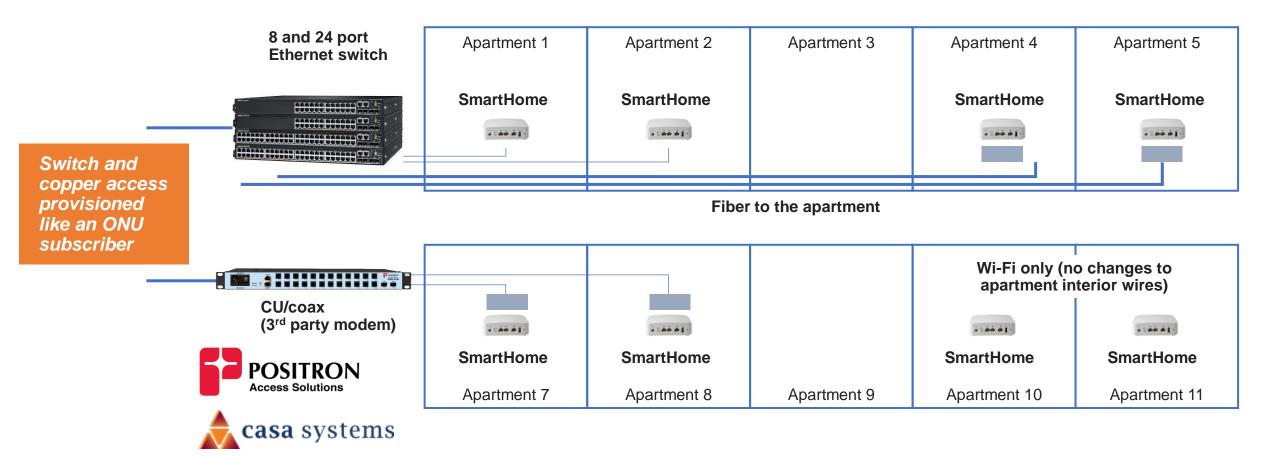
#### **Software-driven Differentiation**

- Property Manager Portal: Empowerment and workflow automation
- Service Left in Place (SLIP), Instant-On walled garden, paywall automation
- Enhanced managed services: Parental Controls, security, etc.



## Solve the Plumbing Challenge

#### Address all physical mediums into and within the MDU





## **Personalized Services**

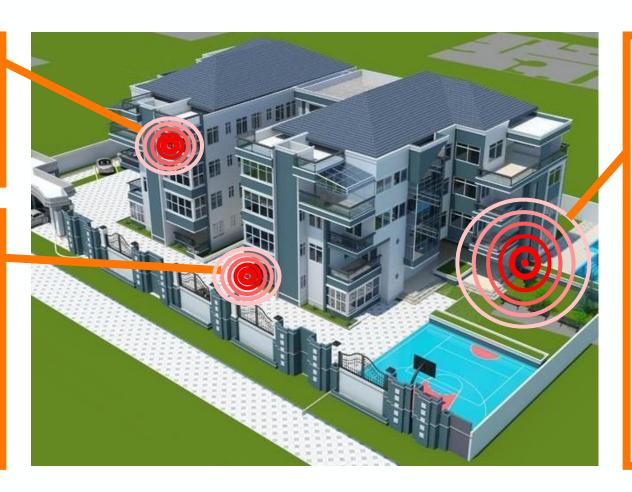
#### **Apartment Wi-Fi**

Tenants and their guests have a personalized SmartHome experience

#### Office, Building, and IoT

Property common spaces and office set up for office, POS, visitors

**MDU IoT** use additional private/hidden SSIDs



## Common Areas Wi-Fi (lobby/gym/BBQ/pool)

Community Wi-Fi for authenticated tenants (permanent and Airbnb)

Property management staff individually authenticated and managed

Day-use guests use splash page for Wi-Fi access



## Precision Agriculture Tech adopted for MDU

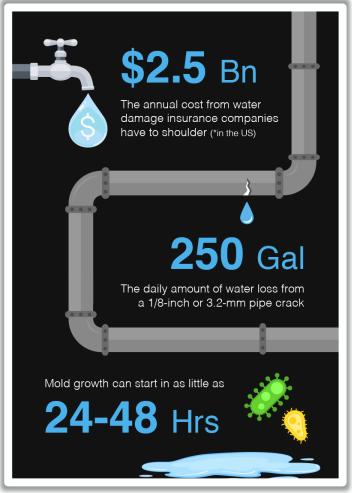
#### Hands-free, worry-free

- WiFi high bandwidth, AC powered, user interfaces
- LoRa low bandwidth, longlife battery, headless clients









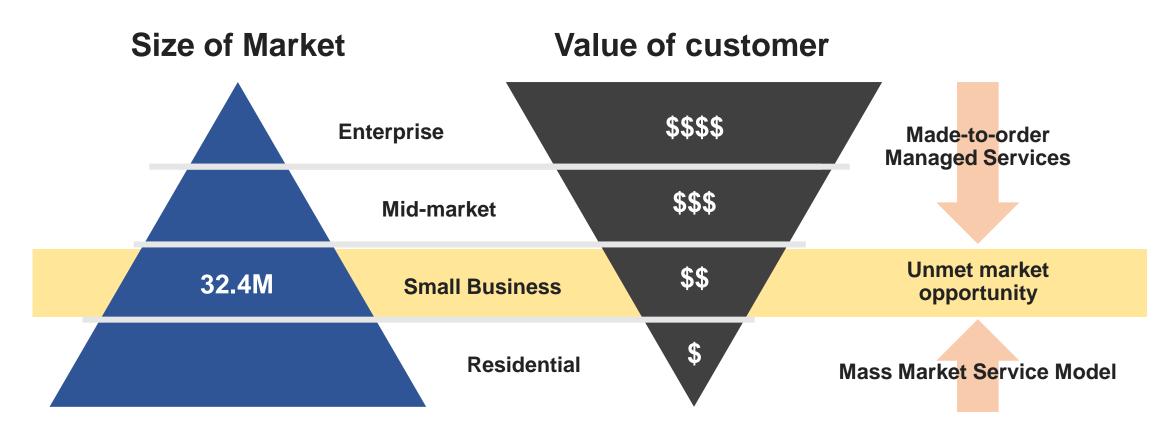


**Small Businesses** 



## The untapped small business market

Historically their broadband choices are marked up best effort consumer service, or enterprise-grade P2P/Metro E





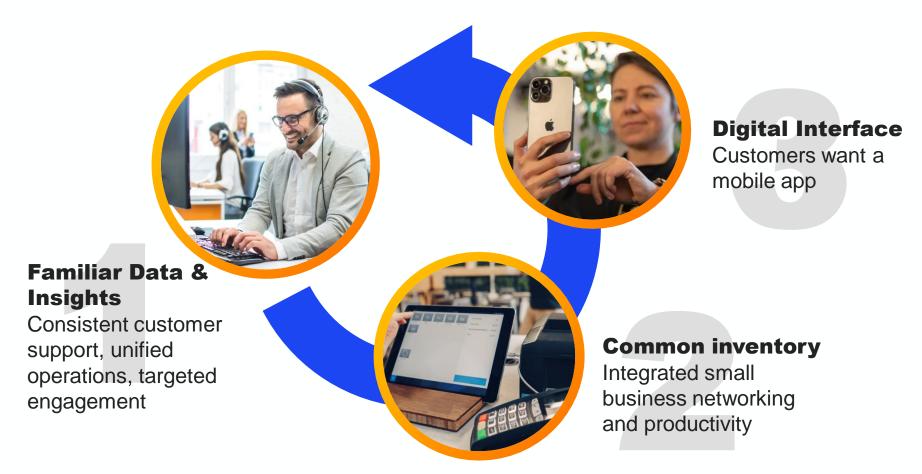
# The Small Business Owner's Dilemma

- Employees
- Customers
- Online presence
- Wi-Fi networks
- No IT staff
- No free time
- Point of Sale (PoS)



### **Small BSPs are like Small Businesses**

Capitalizing on this new revenue opportunity requires leveraging platforms and systems already used for your residential business



## Tablestakes to get started on small business



#### **Common Platform**

Deploy, manage, and market small biz services via your current platform



subscribers to manage their network from anywhere



Business-specific features improve productivity and network security



Easy, inexpensive but reliable broadband connectivity to keep PoS going



## Easy, Affordable, Few moving parts





## Personalized Digital Interface

#### **Enabling the small business owner with a BSP-branded app**



Your brand

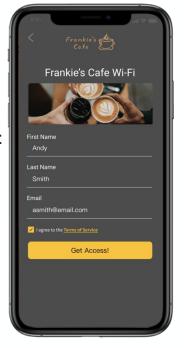


Your brand



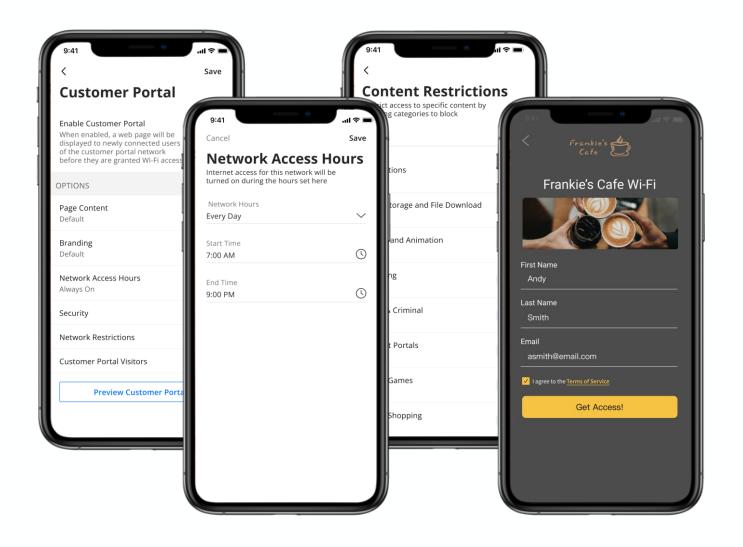
Premier Personalization

Business Mobile App Owners manage and share Wi-Fi networks with staff and customers Customer Engagement
Help business owners
grow their business with
the Customer Portal



SMB brand

### **Enable Your Business Owners to Market to Their Customers**

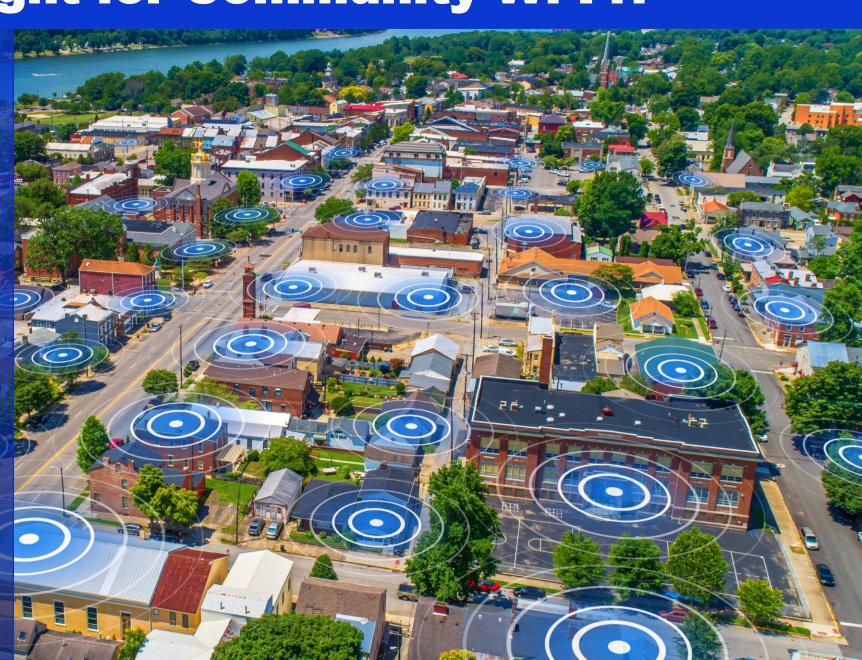


#### **Customer Wi-Fi access portal**

- Collect names, email address
- Branded welcome screen
- Customer terms of service
- Set hours of operation

## Is the Time Right for Community Wi-Fi?

- Community-wide coverage with fiber-fed high-speed Wi-Fi
- Managed subscriber experience, authenticated by Passpoint
- Secure, safe, and simple to use on the same platform used for residential broadband







Help Get a Broadband Signal to Every Child



## **Every Wi-fi Router is a Small Cell Get Broadband to All Kids**

**Education Roaming** 

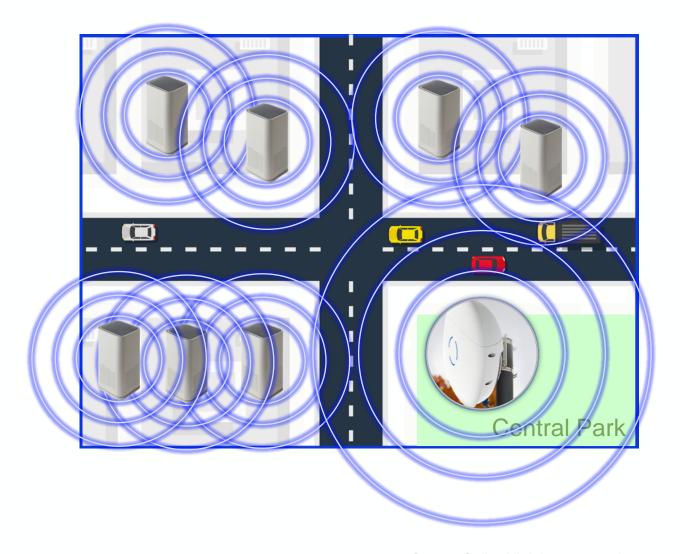




## How it works

- Strategically add outdoor hotspots in public gathering spots.
   Low incremental capital cost
- Existing wi-fi systems establish a community-wide Wi-Fi coverage.
   Incremental capital cost = \$0
- BSP-controlled Passpoint authentication of people & their devices
- 4. Safe and secure subscriber experience





## Design your 'communities'

#### A SmartTown community is...

- 1. A group of people
- 2. A designated fair-use policy
- 3. A collection of Wi-Fi access points

Each community has its own policy tailored to the needs of the associated users, defined, managed, and supported by the BSP



#### **Anytown High School**

- "Teen 13-18 years old" content restrictions
- Students connect to public and school district hotspots

#### Anytown Fire Department

- No content restrictions
- Users connect to all hotspots throughout the BSP footprint





#### Anytown Event Attendee

- "Social Network" access
- Users connect to only the hotspots at the event location



## Other Segments to Consider:

- CAI: K-12, Municipal
- Wholesale
- Mobile Operator xHaul (backhaul/midhaul)
- Precision Ag
- Traffic Management

## Thank You WTA!

