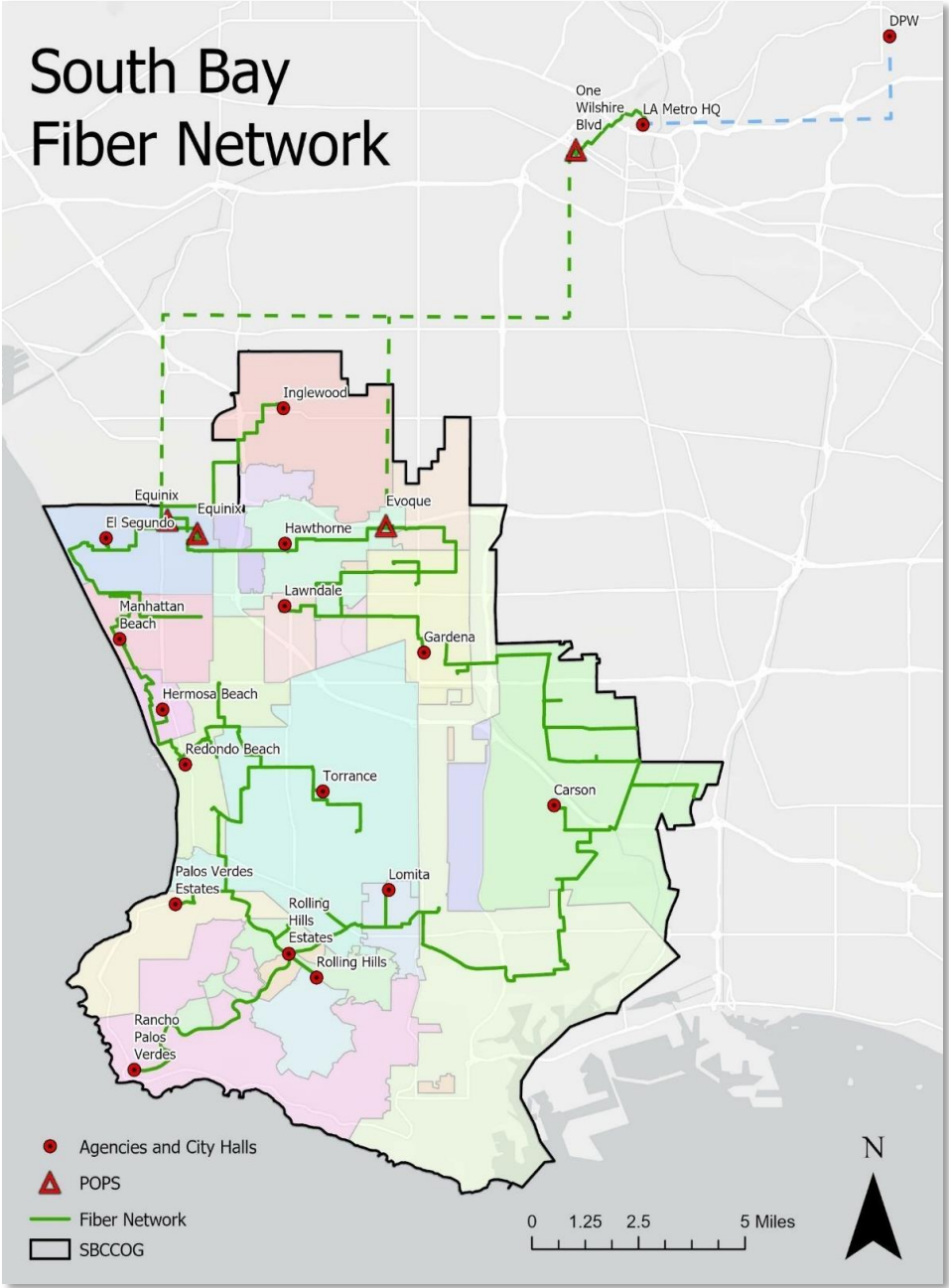


South Bay Fiber Network: Growing the Digital Economy

88 CITIES SUMMIT
MARCH 19, 2025



South Bay Fiber Network



Digital Economy

Develop the Digital Ecosystem

Transactions move from wheels to wires

- Reduce demand for mobility within SB and between SB and other regions

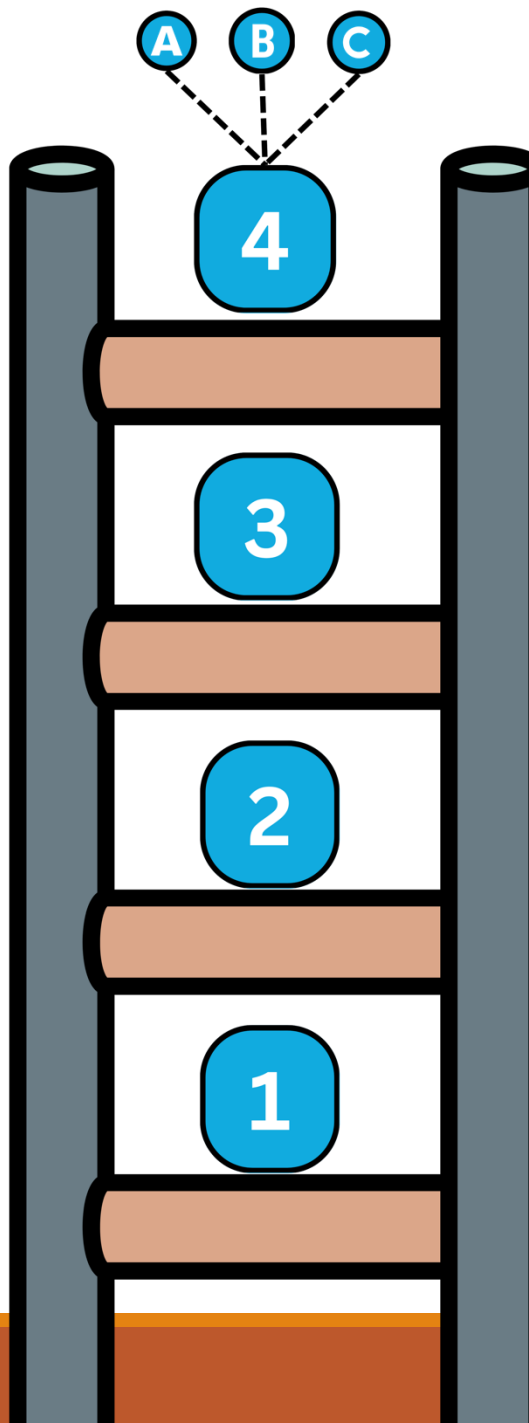
Must be inclusive

- All small business, not just resource-rich corporations
- All residents regardless of resources, supported by work force development organizations

Fiber is the foundation and must be integrated with other initiatives – not addressed in a silo

Digital Ecosystem: Five Elements

1. Network Nodes – Digital Hubs
2. Organizational capacity
3. Mutually supportive complementary policies
4. Network infrastructure
5. Online marketplace



4C - Resilience Center
4B - Access Center
4A - Production Center

4 - Digital Centers:
Dedicated digital equity organizations with facility

3 - Comprehensive Internet Access Facilities: Offer connectivity, devices, and training

2 - Basic Internet Access Facilities: Offer connectivity and/or devices

1 - Online Portals: Offer services and resources that require connectivity, devices and skills

Network Nodes -- Digital Hubs Ladder of Capabilities

Digital Hubs: Level 4

4A. Production

Advanced hardware and software, 3D printing, AI tools

- Example: Beehive by SOLA Impact, E 60th and Central Ave.

4B. Virtual Services

Some 4A plus distance education, telemedicine, remote work, e-government

- Proof of Concept: Blue Line TeleVillage, MLK Transit Center, Compton

4C. Resilience

4A + 4B = Mobility Hub + Micro-grid

Organizational Capacity

Digital Hubs – Manage each Hub –

- Level 2-3 existing local agency or CBO
- Level 4 planning committee develops CBO non-profit

South Bay Cities COG – Support and develop programs for each Ladder step, especially level 4

Mutually Supportive Complementary Policies Elements of a Sustainability Strategy

1. **Land use** to create dense, destination-rich neighborhood centers
2. **Digital Hubs** to add virtual services to physical presence in each neighborhood center
3. **Mobility infrastructure and programs** to shift mode to local use vehicles

Network Infrastructure

- New partner -- powered by the Fabric Network
- Poised for expansion to the residential and business communities
- Goal – high rates of uptake, low costs available through Woven platform and multiple RSPs

Online Marketplace

- WOVEN platform
- Retail service providers
- Work force development app

Drew McNaughton



South Bay Fiber Network – Foundation & Expansion

VISION

- *Connect all unconnected residents, businesses and government locations with high-capacity services on fiber to enable a future proof SBFN*

APPROACH

- Partner with SBCCOG and its members to identify build priorities and digital capabilities to be served
- Attract public and private capital to build out the network as rapidly as practical
- One wholesale operator delivering high quality, resilient services and 24hr / 7day management
- Enable an ecosystem with many service providers with a variety of services on one common infrastructure

South Bay Fiber Network – Foundation & Expansion

BENEFITS

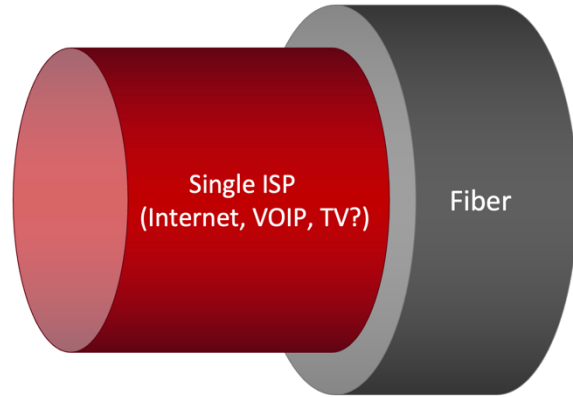
- **Competitive broadband services** and choice for residents, businesses and government
- **Innovative business** opportunities for local tech players
- Ability to easily **connect to other sites and content** on SBFN without going to the internet
- **Enable anything digital** with ubiquitous fiber availability
- Real time **performance monitoring**

WHAT CAN MEMBER CITIES CONTRIBUTE?

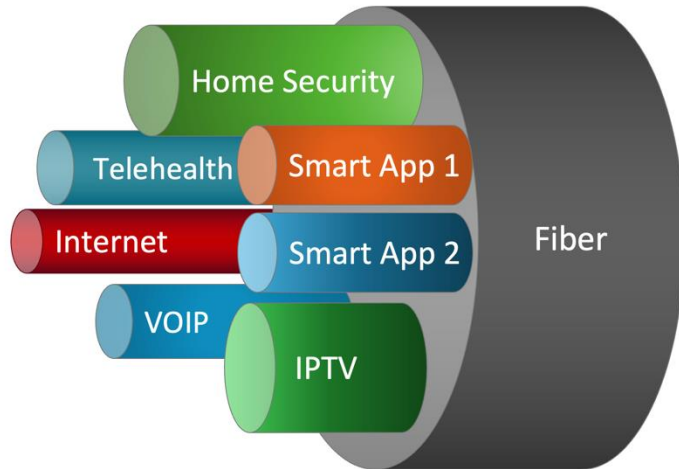
- Identify **fiber and conduit assets** that should be considered in the SBFN network design
- Expedite **permitting** processes to accelerate build progress

Services are sold on the Community Marketplace

Single Provider Model



Open Access Model



A screenshot of the prv fiber website's service marketplace. The page displays a list of internet service offerings from various providers, including Up Networks, CloudR, and PanGlobal. Each listing includes details such as speed, pricing, and contract terms.

Provider	Service	Speed	Monthly Billing	Start Cost	Contract Period	Cancellation Notice
Up Networks	Corporate 100/100 Mbit/s	100/100 Mbit/s	\$60.00	\$30.00	0 month/s	0 month/s
CloudR	Internet 100 Mbit/s fast and reliable!	100 Mbit/s	\$80.00	\$20.00	6 month/s	3 month/s
PanGlobal	Cheapest 100 Mbit/s on the market!	100 Mbit/s	\$74.99	\$19.99	8 month/s	4 month/s
CloudR	Internet 300 Mbit/s fast and reliable!	300 Mbit/s	\$210.00	\$20.00	6 month/s	3 month/s
Up Networks	Corporate 100/100 Mbit/s	100/100 Mbit/s	\$238.00	\$15.00	0 month/s	0 month/s
PanGlobal	Cheapest 300 Mbit/s on the market!	300 Mbit/s	\$199.99	\$19.99	8 month/s	4 month/s

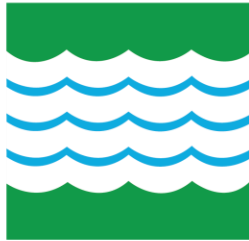
Benefits of Woven

- **Competitive broadband services** and choice for residents, businesses and government
- Community marketplace **drives down prices**
- **Easy transition** between service providers
- Paves the way for **smart city solutions**

Perspective from Gardena Councilmember Mark Henderson

- Political history of the SBFN
 - Buy in from council/staff
 - Benefit to the community
- Collaborate with SBCCOG – Propose Our City as pilot opportunity
- Allow subject matter experts to move forward with tasks
- Measure outcomes
- Determine next phase

Thank You For Listening



SOUTH BAY CITIES
COUNCIL OF GOVERNMENTS

