1 Most People Think 850MHz Means Better Coverage

920MHz (Existing)	850MHz (New)
	

- ✓ Frequency extension
- ✓ Higher output
- ✓ Longer range
- ✓ No duty cycle limit

Longer Stronger Farther

Is that all?

2 The Taiwan Trial Revealed Something More

Measured

- Propagation
- Throughput

Observed

- Fewer APs
- Wider coverage
- Simpler deployment
- Lower infrastructure cost

We started thinking differently.

3 Wi-Fi Was Designed for People

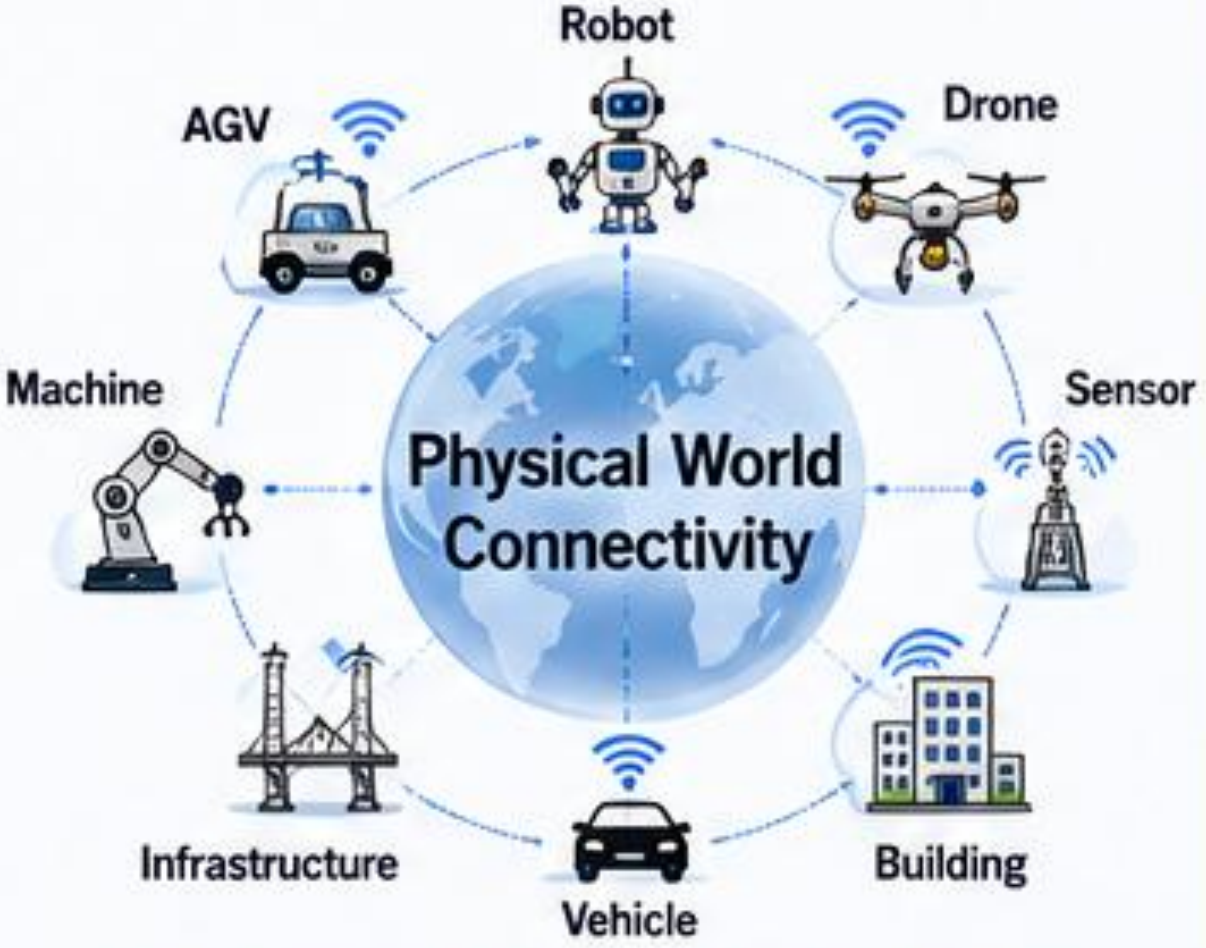
2000 → **2010** → **2020**

Laptop | Smartphone | Video & Cloud

Human Connectivity

Wi-Fi connected people.

4 The AI Era Connects the Physical World



The number of connected "things" will exceed connected people.

5 Wi-Fi Needs a New Role

Today: Spot Connectivity

Wi-Fi = Hotspots

Airport

Station

Cafe

Office

Spot → Space

Future: Space Connectivity

Wi-Fi = Infrastructure

Farm

Port

Factory

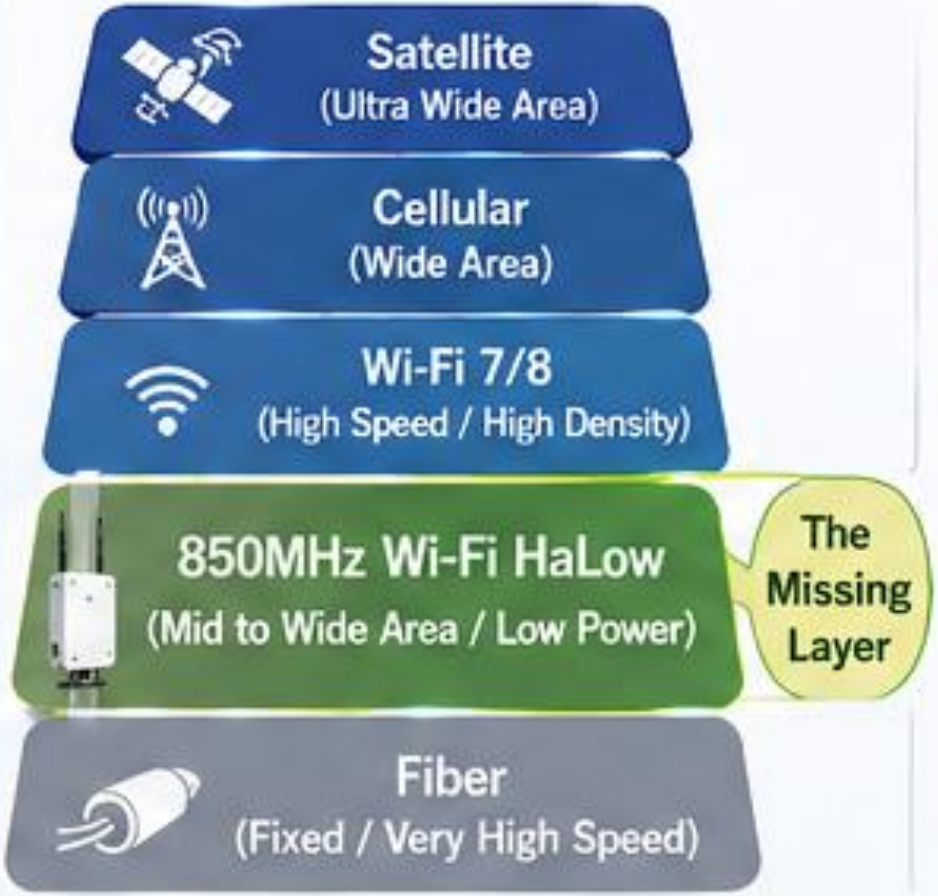
Building

Road

Home

Connecting "spaces", not just "spots".
Wi-Fi becomes the fabric of the real world.

6 850MHz Is Not a New Frequency It Is a New Layer



- Wide area coverage with fewer APs
- Low power for massive IoT and sensors
- Cost-effective infrastructure
- Ideal for outdoor and indoor physical spaces

Completing the connectivity layers for the AI era.

7 The Next Wi-Fi Story Starts Here

CIAT

WFA

AHPC

Taiwan Trial → Plugfest & Validation → Deployment & Use Cases → Global Ecosystem → Physical AI Infrastructure

920MHz proved connectivity.

850MHz may create infrastructure.

From Taiwan to the world, together we build the foundation for the Physical AI era.