The Future of Connectivity

Fixed Broadband Wireless, TVWS, Wi-Fi 6 and IoT



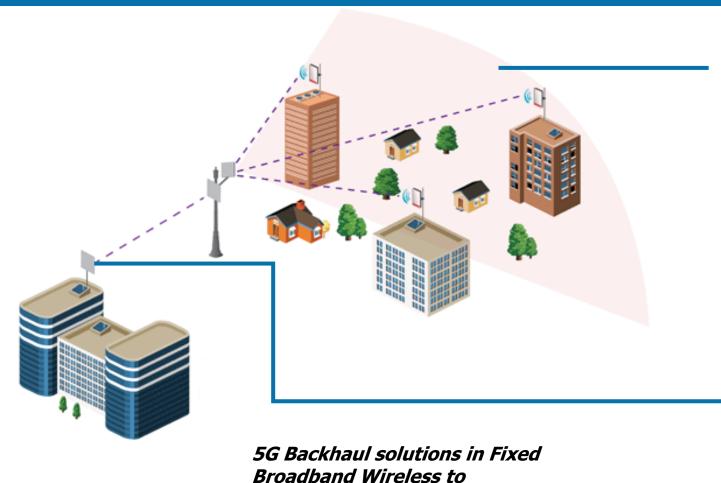








5G as a Fixed Wireless Technology



replace/support Fibre

High data demand and Subscriber Count PtMP Network



Economies of Scale Cost per Unit

Radio should support wide-band frequencies in order to eliminate the need for sub-band specific SKUs.



- Economic Model Shared Service to Reduce ARPU
- High frequencies of 24-28GHz, 60GHz (PtMP) and 70/80GHz.



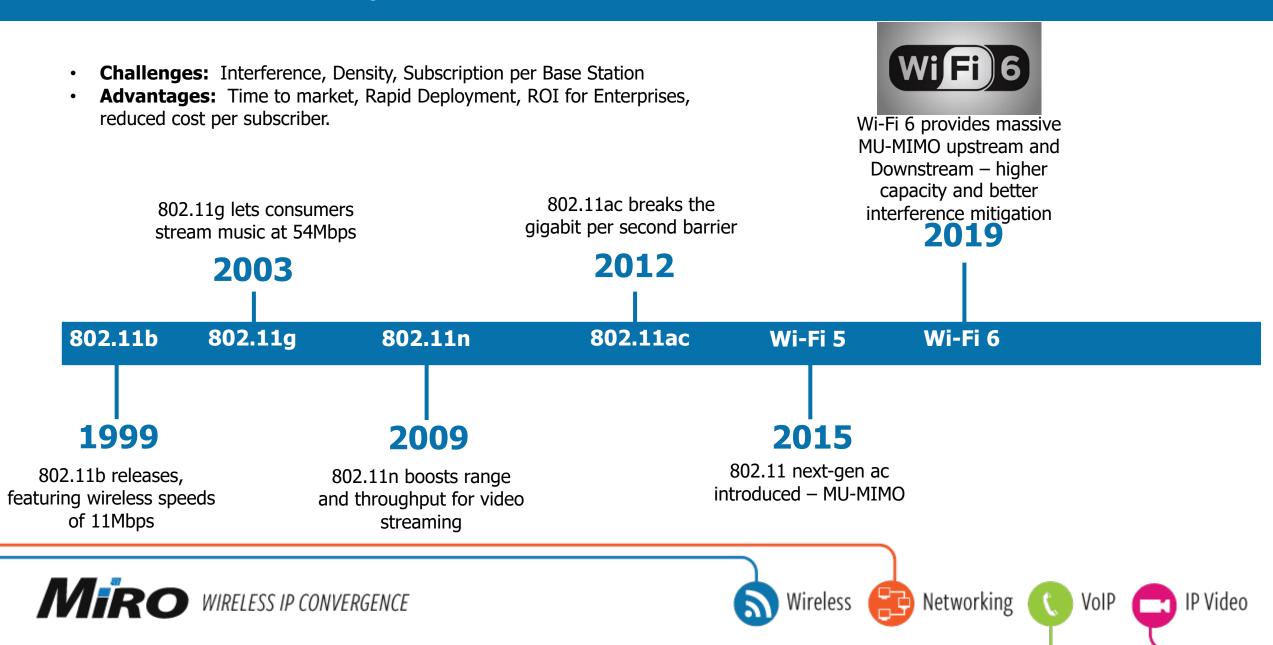








Wi-Fi 6 Spin-Off: Cost Effective PtMP for Residential and SME's



How Wi-Fi 6 will benefit Fixed Broadband Wireless

Massive MU-MIMO: Upstream and Downstream

Support for low powered IoT devices on Fixed Wireless

Expectation on Implementation

- Higher Capacity per subscriber
- More Subscribers per Access Point
- Spectrum Efficiency

- Utilities IoT readers automatically updates per billing cycle to local municipality
- Battery operated devices –
 less 'wake up' requests
 from AP

 By 2024/25 we should see this implemented in Fixed Broadband Wireless Devices





2024/25



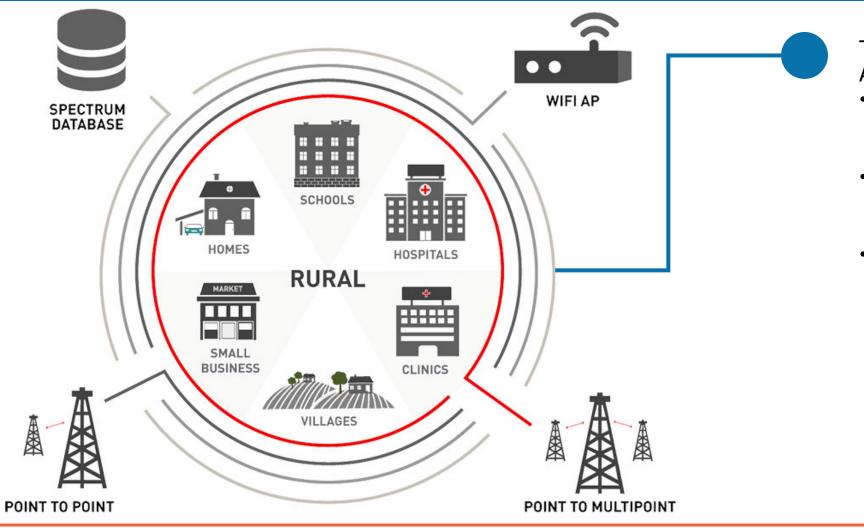








Fixed Broadband Wireless and TV Whitespace



TVWS Frequencies in Wireless Applications:

- Lower capacity requirement –
 especially as a PtMP backhaul
 solution to remote / rural locations
- Less stringent on clear line of sight as the lower frequency has better propagation
- Greater distances can be covered i.e. up to 50km with current solutions being offered by Vendors











How MiRO will distribute 5G and Wi-Fi 6 solutions

Local Stock Holding

Partner with leading vendors

RMA and Warranty Support

Training of
Customers
and Internal
Staff



After Sales Technical
Support and
On-Site Technical
Support

Pre-Sales Solution
Planning
and Sales

Logistics and Distribution across all metros









