

# PTMP Project

## Objective:

- To extend internet services reachability and connectivity to both enterprise (B2B) and consumers (B2C).
- Faster deployment with a small site footprint having a single Access Point to a multiple subscriber.
- Higher BW and capacity flexibility up to 1Gbps per site.
- 360 degrees coverage with more than 2 Access Points

## Technical Requirements:

1. Frequency Range – 4910 – 5980 MHz
2. Bandwidth – 20 / 40 / 80 MHz
3. Access Point Capacity – up to 1Gbps
4. Subscriber Module Capacity – up to 200mbps
5. Max TX power – 32dBm
6. Interference Avoidance Mechanism:
  - Smart Beamforming
  - Frequency Re-use with GPS Synch

