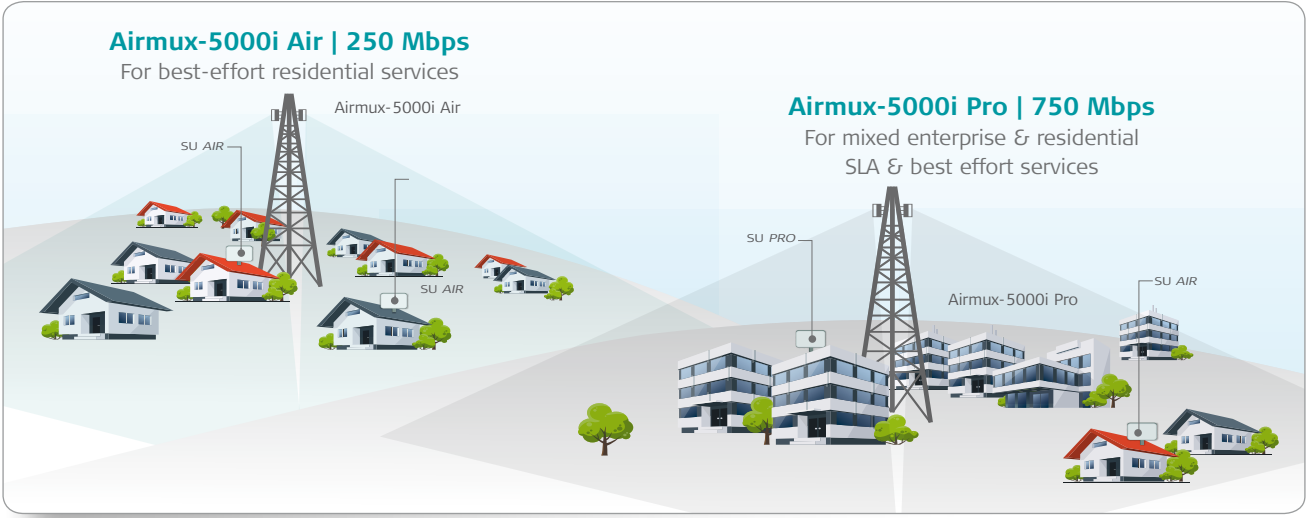# Carrier-class Airmux-5000i
Beamforming PtMP
for enterprise and residential

Leveraging RAD's market-leading Airmux-5000i beamforming technology, the new Airmux-5000i series assures revenue growth for residential and enterprise service providers by delivering best-quality service with incomparable resiliency.

Offering mix-and-match base stations for multi-service deployment flexibility, together with innovative operational simplicity, Airmux-5000i assures reduced operational costs for service providers.

Airmux-5000i Air | 250 Mbps
For best-effort residential services

Airmux-5000i Air

SU *AIR*

SU *AIR*

Airmux-5000i Pro | 750 Mbps
For mixed enterprise & residential
SLA & best effort services

SU *PRO*

SU *AIR*

Airmux-5000i Pro

Airmux PtMP carrier-class portfolio consists of Airmux-5000i Air residential base stations and Airmux-5000i Pro multi-service base stations, together with new and powerful SU Pro and SU Air subscriber units.

RAD

Your Network's Edge®

Solution highlights

- Incomparable interference immunity, similar to PtP
- Highest capacity for extended range
- Powerful subscriber units – 25 Mbps to 100 Mbps
- Scalable network: TDD synchronization
- High spectrum efficiency – 18 bps/Hz per cell
- Multi-band support: 4.9 – 5.9 GHz
- Simple operation
- Base stations and SUs co-exist with installed base

Benefits

Grow your ARPU

- Expand services to lucrative enterprise customers
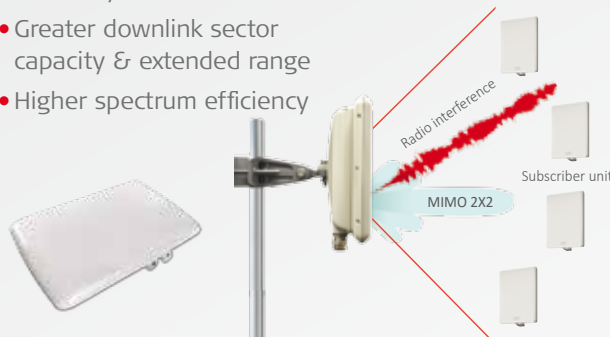- Deliver greater capacity packages

Lower TCO

- Single PtMP family providing multiple services
- Save on tower costs
- Reduce help desk calls and customer churn

New Product Offering

Airmux-5000i Air & Airmux-5000i Pro
Bi-Directional Beamforming Base Stations

- Incomparable uplink interference immunity, similar to PtP
- Greater downlink sector capacity & extended range
- Higher spectrum efficiency

Radio interference

Subscriber unit

MIMO 2X2

Carrier Class High Capacity Subscriber Units

- Pay as you grow – 25, 50 & 100 Mbps
- High durability (IP67 enclosure)
- Compatible with all base stations

SU *AIR* – Best Effort   SU *PRO* – SLA (CIR)

Innovative Operational Simplicity

RAD's product offering includes the Airmux in-field application tool, designed to simplify and speed up the installation process and a new and innovative small form factor slide-on antenna to increase gain.

Turbogain Slide-On Antenna

- Double the service range

Airmux Application

- Enable automated installation, alignment & commissioning
- Simple, fast and precise installation

Android & iOS

RAD

Your Network's Edge®

www.rad.com