



JET AIR PtMP Overcomes Massive Interference in 5 GHz Band

Wireless ISP BLUSKY in Italy uses JET to deliver 100 Mbps fiber-like quality broadband to homes and enterprises

Customer: BLUSKY

BLUSKY is a leading wireless ISP in Umbria, Italy that serves enterprise and residential customers.

Customer Challenge

BLUSKY operates in an area where there is heavy interference in the 5 GHz band because there are many ISPs all working in the same area.

Why JET PtMP

Prior to selecting JET, BLUSKY had been using wireless systems that did not deliver the required capacity due to high interference levels.

This led BLUSKY to search for an alternative solution.

The WISP evaluated RADWIN's JET Point-to-Multipoint Beamforming solutions side-by-side with other vendor equipment. JET outperformed the competition, providing higher capacity and performance and overcoming interference.



RADWIN Products Deployed

- » JET AIR 250 Mbps base stations
- » IP67 subscriber units
- » Spectrum band: 5 GHz

RADWIN JET PtMP Highlights

- » Base stations with Beamforming delivering up to 750 Mbps per sector, 3 Gbps per cell
- » High capacity subscriber units:
 - SU PRO - up to 200 Mbps
 - SU AIR - up to 100 Mbps
- » JET PRO supporting SLAs with CIR
- » Exceptional interference immunity
- » Operation in non-line-of-sight

See video clip 



JET Case Study

“*JET PtMP overcomes massive interference in the 5 GHz band and delivers high and stable throughput.*”

Roberto Bartolini, BLUSKY



Benefits of Using JET

BLUSKY is using JET to connect customers in Assisi, Bastia Umbra, Cannara and Trasimeno Lake at ranges of up to 8 Km/ 5 miles.

With JET, BLUSKY is realizing the following benefits:

- » Ability to offer high-speed service packages: from 30 Mbps, 50 Mbps to 100 Mbps
- » Enabling customers to enjoy 4K video streaming, real-time online gaming and triple play services
- » Reach underserved customers in remote areas
- » Operation in the congested 5 GHz band thanks to JET's advanced Beamforming technology
- » Operation in near and non-line-of-sight scenarios
- » Over-water transmission
- » Fast network rollout and easy scalability

“*We tested many wireless broadband equipment and JET outperformed them all.*”

Roberto Bartolini, BLUSKY

About RADWIN

RADWIN ensures service providers a carrier-class broadband experience, built to support real-time bandwidth-hungry services integral to our everyday lives, while staying one step ahead of the digital game. Deployed in over 170 countries, RADWIN's systems deliver highest capacity in highly challenging environments.

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