JET Case Study

Service Providers

JET PtMP Exceeds Wiber's Expectations

Service provider in South Africa uses JET to drive fast broadband to businesses & residential users

Customer: Wiber Solutions is a fast growing service provider in South Africa that serves business and residential clients in the Southern Peninsula.

Partner: MiRO, a leading distributor.

The capacity challenge: Through the years, as Wiber grew and added more subscribers, its legacy wireless network could not keep up with subscribers' capacity and stability demands.

- Wiber's legacy network couldn't deliver more than 10Mbps.
- Wiber was looking to provide high bandwidth at an affordable price while competing against fiber and other wireless service providers delivering high speed broadband.
- In many deployment sites, Wiber had to deal with heavy interference.

Wiber's requirements: Upgrade its existing wireless network to meet the ever-growing broadband demands of:

- **Businesses** - requiring high-speed connectivity with SLAs.
- **Residential users** - including developers and professional gamers depending on broadband for their livelihood.

The solution: Wiber turned to MiRO for assistance in finding a suitable solution that would allow them to offer wireless broadband in underserved areas with high capacity and reliability at a cost-effective price.

MiRO recommended RADWIN's:

- JET PRO 750Mbps PtMP base stations and subscriber units in 5GHz
- JET AIR 250Mbps PtMP base stations and subscriber units in 5GHz

"RADWIN's products and support have been faultless. The implementation was seamless. We simply installed the RADWIN base stations on each of our sites and switched our high capacity clients as well as new business clients over to the new hardware."

Russell Purdon, Director, Wiber Solutions

RADWIN

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JET implementation: Wiber began deploying RADWIN's JET AIR base stations and 50Mbps subscriber units.

Wiber is realizing these benefits with JET:

» Providing much greater capacity and coverage as compared to legacy network - between 5 to 10 times the throughput.

» RADWIN JET allows Wiber to offer greater capacity packages and fuel revenue growth.

» JET has allowed Wiber to compete on a much higher level due to increased speeds and reduced latencies.

» With the JET AIR Integrated 22dBi subscriber unit, Wiber can deliver consistent 50 Mbps real-world capacity to clients.

» JET operates in noisy environments due to its Bi-directional Beamforming functionality.

» JET has a high number of individual antenna elements generating very narrow beam-width, mitigating interference from other nearby radios and functioning effectively like a PtP system.

» Support for different customer types on the same sector (corporations, SMEs and homes) -

- **JET meets the needs of businesses** that demand high capacity, symmetric service, reliability and SLAs (CIR).
- **JET meets the needs of residentia**l users such as gamers who require low latency.

RADWIN JET PtMP highlights:

» Base stations with advanced Beamforming technology delivering
  - up to 750 Mbps per sector, 3 Gbps per cell

» High capacity subscriber units:
  - SU PRO - up to 250 Mbps
  - SU AIR - up to 100 Mbps

» Supporting SLAs (CIR)

» Exceptional interference immunity

"JET PtMP has really blown our expectations out of the water. Since installing JET base stations, we have received positive feedback from our clients."

Russell Purdon, Director, Wiber Solutions

About RADWIN

RADWIN's solutions empower service providers to deliver high-speed wireless broadband that meets and exceeds the needs of today's users. Deployed in over 170 countries, RADWIN's systems operate in heavy interference and the toughest conditions.

www.radwin.com

About Wiber Solutions

Wiber is a wireless ISP that offers high speed internet at an affordable price. We customize packages to suit customer needs to ensure you have a reliable, fast internet connection, all of the time.

www.wibersolutions.co.za

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