



## Case Study:

# IBURST DEPLOYS RADWIN 5000 TO SERVE ENTERPRISE CUSTOMERS

RADWIN's PtMP solutions empower ISP to deliver high-speed connectivity with assured SLAs

### Customer

iBurst ([www.iburst.co.za](http://www.iburst.co.za)) – South Africa's leading service provider serving both residential and enterprise customers.

### iBurst's Requirements

Deliver high capacity connectivity and services to enterprises including broadband VPN, voice and video streaming solutions.

### Challenge: Expanding iBurst's Network

Since 2008, iBurst had been using RADWIN's sub-6 GHz point-to-point systems in licensed bands for last mile connectivity, delivering up to 20 Mbps to enterprise customers.

iBurst continuously sought to expand its network to serve more enterprise customers, but faced the challenge of lack of spectrum. This prompted the company to assess point-to-multipoint technology which would enable it to deliver high capacity services to enterprise customers with assured SLAs (a capability inherent in point-to-point systems).

Based on its positive experience with RADWIN's point-to-point solution, iBurst chose to deploy the RADWIN 5000 point-to-multipoint links in its network. RADWIN 5000 PtMP deliver high-speed connectivity with assured capacity, fixed latency and low jitter, empowering iBurst to commit to and uphold agreed upon SLAs.



### The Chosen Solution: RADWIN 5000 PtMP

In 2013 iBurst began deploying RADWIN 5000 3.6 GHz point-to-multipoint systems in key markets throughout Johannesburg, Cape Town, Pretoria, Bloemfontein, Durban, Pietermaritzburg, Nelspruit and Port Elizabeth.

To date the iBurst network encompasses:

- » RADWIN 5000 PtMP - over 150 base stations provide high capacity connectivity to more than 800 enterprise customers scattered in areas as far as 14 km/ 8.7 miles from the base stations. Some sectors serve 25 customers or more.
- » RADWIN PtP – more than 1000 links.

## RADWIN 5000 Value Proposition

RADWIN 5000 point-to-multipoint solutions enable iBurst to realize the following tangible benefits:

- » Provide enterprise access with capacity of up to 20 Mbps
- » Enable the delivery of triple-play high-speed voice, video and data services
- » No fixed lines required. No copper theft
- » Fast, simple installation and same-day service activation
- » Lowest total cost of ownership

*“The partnership with RADWIN is empowering us to deliver best-in-class service to valued enterprise customers. With RADWIN 5000 PtMP we can rapidly expand our network and provide fiber-like quality service with high spectrum efficiency.”*

Sasan Parvin, Technical Director, iBurst, South Africa



iBurst deploys RADWIN PtMP & PtP throughout South Africa

## RADWIN PtMP & PtP Solution Highlights

- » Carrier-grade, built to last
- » Highest throughput of up to 250 Mbps
- » Assured SLAs (capacity, jitter and latency) per end user
- » Multiband radios - enable selecting best channel frequency for transmission
- » Operation in near and non-line-of-sight environments
- » Smart air interface that overcomes interference
- » GPS synchronization for dense sites
- » Most competitive price

# RADWIN

## About RADWIN

RADWIN is a leading provider of sub-6 GHz wireless Point-to-Point and Point-to-Multipoint, Wireless Broadband-in-Motion and Small Cell NLOS Backhaul solutions. Deployed in over 150 countries, RADWIN's solutions serve the needs of service providers, mobile carriers, governments, enterprises, public and private security companies and transport organizations.

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## About iBurst

iBurst's (Pty) mission is to be a reliable gateway for communications by offering innovative products with the highest levels of customer service, whilst building stakeholder value.

[www.iburst.co.za](http://www.iburst.co.za)

