



## RADWIN IP Backhaul Solutions

Meeting the escalating demand for IP backhaul

With the escalating demand for high bandwidth applications, service providers are focused on extending their networks to reach more subscribers and provide more bandwidth to each customer. Meanwhile, the steady rise of data traffic leads to exponentially increased need for IP backhaul capacity.

With backhaul expenses representing a significant chunk of network costs, service providers must adopt a smart backhaul strategy that enables to enhance backhaul capacity while reducing its cost per bit. RADWIN's wireless broadband Point-to-Point solutions are the ultimate answer - providing future-proof backhaul that is simpler, more affordable, and easier to install than existing wireless alternatives.

RADWIN's IP backhaul solutions are ideally suited for WiMAX networks, where reduction of cost of ownership during the roll-out stage is critical.



## Meeting and Exceeding Today's Challenges

Today's WiMAX market is constantly evolving and changing. Following market trials and various deployments worldwide, at long last, WiMAX is moving towards larger-scale operations by several Tier 1 and Tier 2 operators. At the roll-out stage, WiMAX operators cope with heavy investments in infrastructure, and an emerging subscriber base.

Faced with this challenge, operators must make critical business decisions. The ultimate challenge is to decrease operators' total cost of ownership, a key factor in building and maintaining a viable and profitable business. While much emphasis is placed on lowering access equipment costs, the impact of backhaul on overall costs is often overlooked. Incorporating a smart backhaul strategy, however, will ultimately enable operators to significantly lower costs without compromising on service quality or performance.

RADWIN offers unrivaled WiMAX backhaul solutions that respond to operators' business and technical needs. Based on a decade of experience with sub-6GHz technology, RADWIN's solutions deliver unparalleled performance and unmatched robustness in all environments. Superior ease of installation and maintenance, coupled with attractive and competitive pricing, results in significantly reduced CAPEX and OPEX. This is how operators benefit from fast ROI and are provided with the ability to grow their business. RADWIN's highly-scalable solutions enable quick ramp-up, and support growing data traffic of a mature subscriber base.



# Want to take the lead?

Let smart backhaul get you there fast.



# IP Backhaul Portfolio



RADWIN offers service providers and operators carrier-class IP backhaul solutions that suit a variety of deployment scenarios and environments.

## RADWIN 2000 High-Capacity Backhaul Solution

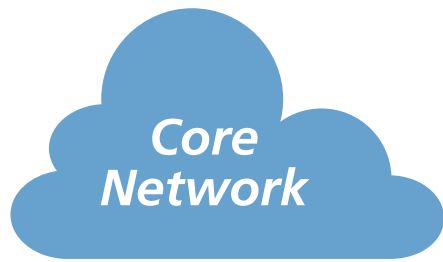
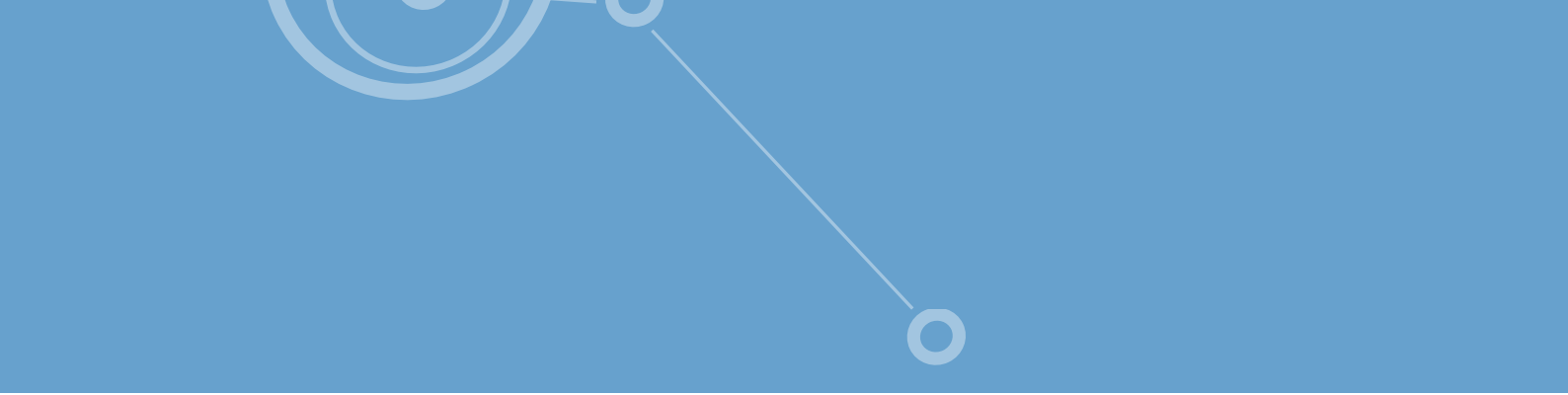
The latest addition to RADWIN's portfolio of wireless broadband products, RADWIN 2000 is a high-capacity backhaul solution tailored to meet the needs of WiMAX operators and ISPs. RADWIN 2000 provides 100 Mbps net throughput with a flexible combination of Ethernet and up to 16 E1s/T1s as well as an extended range of up to 120 km/75 miles. The solution combines advanced OFDM and MIMO technologies with RADWIN's exceptionally robust air interface. With unparalleled performance and easy installation and maintenance, RADWIN 2000 supports multiple frequency bands on a single platform and suits a variety of different topologies.



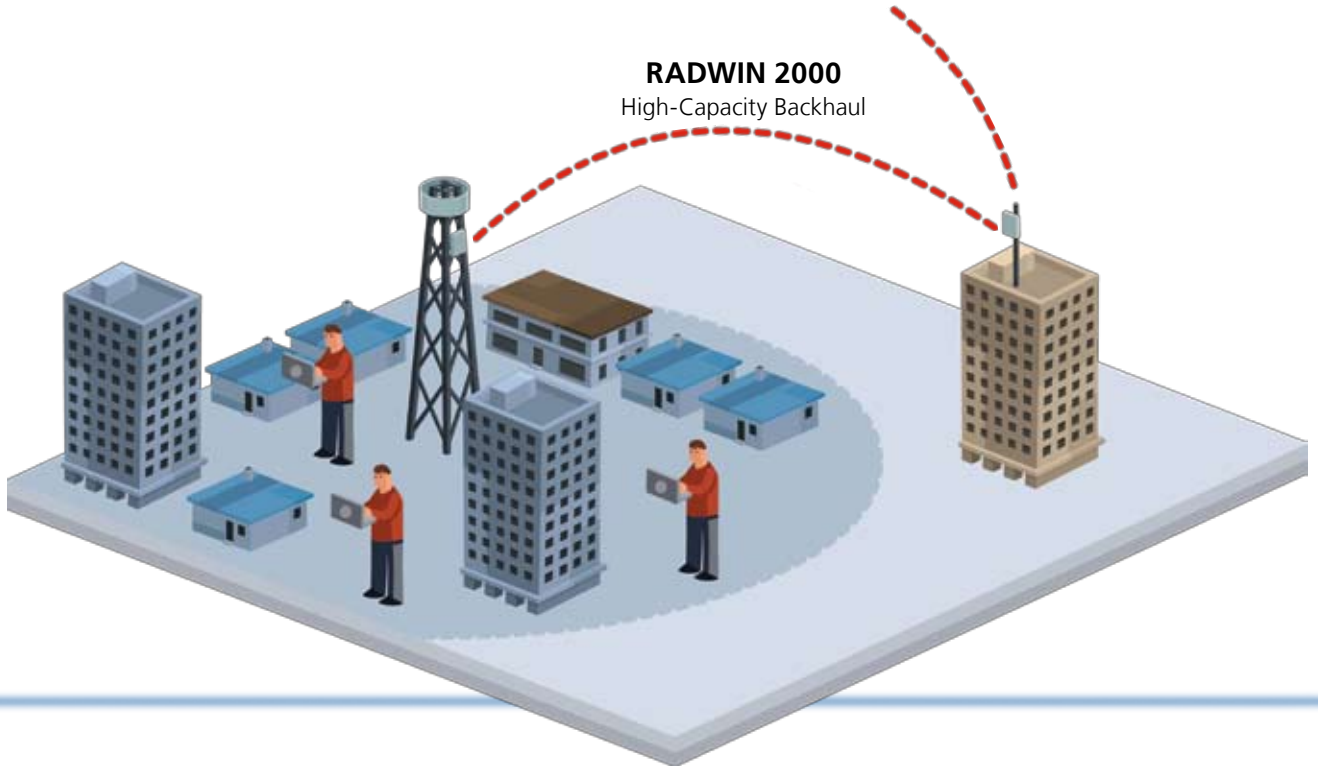
## WinLink™ 1000 Medium-Capacity Backhaul Solution

WinLink™ 1000 offers operators and service providers a comprehensive carrier-class, medium capacity backhaul solution for both TDM and Ethernet traffic. An economic solution for connecting areas with low user density, WinLink™ 1000 is highly reliable, and offers superior ease of installation and maintenance at an attractive and competitive price. Delivering up to 18 Mbps full-duplex net throughput at a range of up to 80 km / 50 miles, WinLink™ 1000 is available in various sub-6GHz frequency bands, and is currently deployed in over 100 countries around the world.





**RADWIN 2000**  
High-Capacity Backhaul



# About RADWIN

RADWIN delivers wireless backhaul and broadband access solutions in the sub-6GHz space, giving carriers and service providers the ability to connect subscribers everywhere. RADWIN's expertise in providing telco-grade TDM and Ethernet over a single wireless link has positioned the company as world leaders in the sub-6GHz arena. Dedicated to connecting the global village, RADWIN enables carriers and telcos to reach out to rural subscribers and offer enhanced services for urban areas and private networks. Whether voice, data, or video streaming, RADWIN provides superior quality, high-capacity, long range wireless broadband solutions, coupled with unrivalled performance, and competitively priced products. Established in 1997, RADWIN's innovative carrier-class solutions are deployed in over 100 countries. Complementing our best-of-breed products, RADWIN provides customers with dedicated support and services, delivering effective, high-quality solutions to best meet subscribers' needs.



RADWIN is a member of the WiMAX Forum

## Corporate Headquarters

Tel: +972 3 766 2900  
Email: [info@radwin.com](mailto:info@radwin.com)  
[www.radwin.com](http://www.radwin.com)

The RADWIN name is a registered trade mark of RADWIN Ltd. Specification are subject to change without prior notification. © All rights reserved. February 2009

