



Your Partner for Growth

ECI Telecom Extends All-Outdoor Packet Radio to Address New LTE/4G Cell Site Paradigm

-- High-capacity, low TCO solution for backhauling the growing number of new small-sized cell sites --

PETACH TIKVAH, ISRAEL – July 25, 2011 – ECI Telecom, a global provider of next-generation network solutions, today announced that it is expanding its BG-Wave family of [carrier-grade microwave radio](#) with a new [all-outdoor packet offering](#), to cost-effectively address the expected significant growth in the number of small-sized and high-capacity cell sites in the deployment of LTE/4G networks. The new offering includes the BGW-OE, utilizing the conventional microwave spectrum (6 to 38 GHz), and the AR (All-Outdoor Radio) series, which utilizes the E-band spectrum (71-76/81-86 GHz).

HIGHLIGHTS

- ECI is introducing the BG-Wave AR series of all-outdoor, pure packet, high-capacity radios. The AR series is highly compact and lightweight, and features low power consumption, allowing power over Ethernet (PoE). It supports full Layer 2 networking capabilities while utilizing a zero footprint architecture all the way to the last mile of wireless backhauling
- The AR series use the economical and less congested E-band spectrum to deliver up to 1 Gbps. It is the first cost and performance-optimized E-band offering for last-mile backhaul applications, leading to significant reductions in total cost-of-ownership.
- Complementing ECI's end-to-end microwave solution, ECI is introducing the BGW-OE, a compact outdoor enclosure for the BG-Wave series of packet and All-Native multiservice radio nodes (MRANs), utilizing the conventional microwave spectrum. This enclosure is best suited for sites where putting an indoor unit would be physically impossible or cost-prohibitive
- With the BGW-OE, network operators have an outdoor nodal solution, with up to six radio directions, supporting both pure packet and hybrid microwave links, and any advanced network topology (mesh, ring, daisy chain, protected point-to-point)
- The BGW-OE provides full networking and multiservice capabilities including MPLS-TP and CES (Circuit Emulation) and includes advanced features like XPIC (Cross Polarized Interference Cancellation) to support high capacity links

These new offerings complement ECI's [1Net Wireless Backhaul Solution](#) for a complete and cost-effective migration to next-generation networks, while addressing operators' day-to-day and strategic challenges.

Perspectives

“With large-scale deployment of 4G/LTE, we expect the number of new backhaul connections per year to grow from 600,000 in 2010 to over 1.3M by 2014. Most of this growth will happen in high-dense urban areas, based on all-outdoor architecture. Carriers must cope with the challenge of backhauling

this high-capacity traffic cost-effectively, and an all-outdoor radio solution will play a major role, particularly where fiber is not a cost-effective or physically-viable option.”

Richard Webb, Principal Analyst, Infonetics Research

“ECI’s new offerings address specific pain points of our customers today, namely how to deploy effective wireless backhauling in new small, high-capacity cell sites. With this all-outdoor packet radio solution, we are expanding our toolkit offering to cope with the new backhaul paradigm imposed by the significant growth in the number of new small cell sites. These new offerings complement our 1Net Wireless Backhaul Solution, which delivers any service over any medium – be it copper, fiber or wireless.”

Alon Moshes, Head of Radio Line of Business, ECI Telecom

Resources

[BG-Wave AR-1/AR-2](#)

[BG-Wave AR-1/AR-2 product note](#)

[The Case for E-Band—Based Packet Radio - White Paper](#)

[BGW-OE](#)

[BGW-OE product note](#)

[1Net Wireless Backhaul Solution](#)

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About ECI Telecom

ECI Telecom delivers innovative communications platforms to carriers and service providers worldwide. ECI provides efficient platforms and solutions that enable customers to rapidly deploy cost-effective, revenue-generating services.

Founded in 1961, Israel-based ECI has consistently delivered customer-focused networking solutions to the world’s largest carriers. The Company is also a market leader in many emerging markets. ECI provides scalable broadband access, transport and data networking infrastructure that provides the foundation for the communications of tomorrow, including next-generation voice, IPTV, mobility and other business solutions. For more information, please visit www.ecitele.com.

Certain statements contained in this release may contain forward-looking information with respect to plans, projections or future performance of the Company. By their nature, forward-looking statements involve certain risks and uncertainties including, but not limited to, product and market acceptance risks, the impact of competitive pricing, product development, commercialization and technological difficulties as well as other risks.

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