

Angel Product Overview

LEADING NON-LINE-OF-SIGHT FIXED BROADBAND WIRELESS
ACCESS SOLUTIONS FOR VOICE AND DATA



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Based on real-world experience, Netro's xOFDM technology includes many OFDM enhancements - adaptive modulation, Tx/Rx diversity, and dynamic power control - for spectral efficiency and non-line-of-sight coverage in multipath environments.

Netro's Angel System:

Field-Proven Non-Line-of-Sight Voice and Broadband Data Access

You are a telecommunication or Internet service provider. You need to furnish voice and data services to your business and residential customers. You need a scalable system that maximizes coverage. You need a next-generation solution that provides customers with the services they want—voice-only, data-only, or voice and data. A solution that is carrier-class and easy to manage. And, most importantly, a solution that furnishes the stable performance of being field-proven.

Netro meets all of these requirements—and more—with the Angel broadband wireless access platform. Angel is the first and only high-capacity, non-line-of-sight (NLOS) system using Orthogonal Frequency Division Multiplexing (OFDM) to offer high quality voice and/or data services for all your target markets in the 1.9, 2.3, and 3.5 GHz bands. NLOS technology means lower costs, simpler installations, and greater subscriber coverage.

Netro's Angel System

BREAKTHROUGH TECHNOLOGY WITH CARRIER-CLASS IMPLEMENTATION

Angel Benefits Include:

- Up to 95% predictability of coverage in a given cell
- Carrier-class voice and broadband always-on packet data, separately or together, to serve business and residential markets
- Easy deployment, management, and scalability
- Mature, field-proven technology
- A complete suite of services to help you take advantage of Netro's expertise in deploying large NLOS networks

NLOS Maximizes Coverage and Revenues

Angel uses patented xOFDM NLOS technology to provide up to 95% predictability of coverage in a given cell. Unlike line-of-sight systems, Angel aggregates energy from multipath signals to provide higher throughput and better service. Predictable coverage ensures high installation success rates and controls deployment costs.

