

Cheytec Telecommunications Supports True Small Cell-based Neutral Host Architecture for in-Building Wireless Solutions: Neutral Host D-RAN

Sayreville, New Jersey: February 2017 — Cheytec Telecommunications (Cheytec), a provider of complete wireless telecommunication solutions encompassing real estate, finance and technology, is now supporting the Mobile Network Operators' in-building coverage and densification needs by extending native Radio Access Network (RAN) technology closer to the network edge and end-user. The **Neutral Host Distributed Radio Access Network or "NH D-RAN"** architecture, leverages the latest Operator-approved spectrum band specific small cell radios, shared antenna systems, and common passive physical infrastructure, resulting in a low deployment cost solution that is fully feature-coordinated with the Operator's core LTE networks.

"We are looking to combine many elements of our business – real estate expertise, global OEM relationships, and distribution capabilities," said Michael B. Wright, Head of Sales at Cheytec " – with the Wireless Operators' desire to have a neutral host alternative to a DAS solution which looks, acts, and is managed much more like their core network."

By allowing the Wireless Operators to deploy band-specific active radio small cell components over a neutral host infrastructure of fiber, coax cable, and multi-band antennas, Cheytec's NH D-RAN solution eliminates expensive and cumbersome carrier-coordination and maintenance requirements associated with DAS deployments while providing a ready upgrade path to new network features and technologies.

"This is not necessarily a new idea or architecture," said Cheytec's Head of Engineering, José Sangiuliano. "This is a case where small cell technology, the growing requirement for in-building coverage, and the Wireless Operators' desire to deploy and operate in a very specific way – and independent of the other operators who may share the same space – all finally match-up to provide a scalable and affordable solution."

About Cheytec

Cheytec Telecommunications is an Authorized Reseller of Ericsson wireless equipment. Headquartered in Sayreville, New Jersey, Cheytec deploys and operates wireless telecommunication systems. This includes distributed antenna systems (DAS), small cell, C-RAN, DOT, and other in-building solutions to deliver optimal wireless coverage inside office buildings, commercial buildings, hotels, campuses, sporting venues, and high-traffic areas. Cheytec also provides real estate and lease management services for wireless operators, and offers infrastructure leasing options. Cheytec delivers the wireless coverage that today's consumers and businesses need wherever life and work take them. **Visit us at www.cheytec.com.**

For specific information on this Neutral Host D-RAN program, please contact info@cheytec.com or [download our datasheet](#)