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## **TECHtionary Product Highlight – CellAntenna Expands Inbuilding WiFi-Cellular Coverage**

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The animated review is available at <http://www.techtionary.com>

Cellular and WiFi-data is in use by nearly every business today encouraging users to "roam anywhere." Coming quickly is WVoIP-Wireless Voice Over Internet Protocol or Dual-Mode telephones. The challenge is to integrate WiFi and traditional cellular services such as AMPS, TDMA-Time Division Multiple Access, CDMA-Code Division Multiple Access, GSM-Global Systems for Mobile, iDen-Integrated Digital Enhanced Network, GPRS-General Packet Radio Service, and 3G-Third Generation. Dual-Mode handsets give WiFi a "voice" enhancing corporate data infrastructure and lowering telephone system costs. Planning for these "virtually anywhere networks for large exterior and complex interior coverage areas (Hot Areas instead of Hot Spots) using a minimum of cellular RF-Radio Frequency antennas and WiFi AC-Access Points is a difficult goal. Planning for these "virtually anywhere networks for large exterior and complex interior coverage areas (Hot Areas instead of Hot Spots) using a minimum of cellular RF-Radio Frequency antennas and WiFi AC-Access Points is a difficult goal. Dual Mode uses unlicensed low-power short-distance WiFi 2.4 GHz and licensed high-power long-distance 800+ MHz frequency bands. Dual-Mode gives the user a single consistent features experience enhancing customer satisfaction. CellAntenna's building repeater systems make it possible to use cell phones deep inside problem buildings. In addition, the building repeaters reduce the overall radiation produced by cellular phones. CellAntenna gives wireless network planners new tools to provide for seamless access. CellAntenna uses CAD systems to work with your existing plans and overlay their design to maintain the integrity of the interior design of the buildings by using antenna fixtures that blend in with the surroundings.

According to the company, their repeater systems are "FCC tested and approved. The pre-packaged solutions range from a maximum coverage area of 2,500 square feet to 50,000 square feet. The solutions with the lower square footage are intended for homes and small offices while the higher square footage solutions can be used in factories, warehouses, multi-floor offices and other large structures. Each building repeater package is made up of three general parts – an outdoor antenna, cable and amplifier. The outdoor antenna points at the cell phone tower and delivers the signal through the cable to the amplifier. The amplifier, which is placed indoors, amplifies the cellular signal throughout the structure. The more complex building repeaters are made up of more of these three general parts, which allow for coverage of a larger area."

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animated sales brochures, virtual installation manuals and animated web infomercials proven to "increase revenues, decrease customer support costs and increase customer satisfaction." TECHtionary also publishes animated medical tutorials at <http://www.msnopedia.com>. Job opportunities and postings can be found at Ciscopedia – <http://www.ciscopedia.com>.

#### About CellAntenna

Headquartered in Coral Springs, Florida, CellAntenna Corporation has more than 18,000 customers throughout the United States, Europe and South America. CellAntenna Limited is the only company across the globe that offer total engineered solutions for customers with cellular signal issues. In addition, CellAntenna CJAM signal jammers are sold to government agencies throughout the world. For more information go to:

[www.cellantenna.com](http://www.cellantenna.com). CellAntenna Press Contact is PRESS CONTACT:

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