

## Press Release



FOR IMMEDIATE RELEASE

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## GroundLinX Technologies continues grounding makeover and modernization of Mobile County Communications District Emergency/911 transmitter and tower sites.

[MOBILE, ALABAMA - 9 July 2020] GroundLinX Technologies, LLC, based in Blue Ridge, Georgia, today announced the completion of deployment of its breakthrough electrical grounding technology at two transmitter sites managed by Mobile County Communications District (MCCD) supporting more than 55 individual broadcast frequencies for a variety of government agencies, and the initiation of analysis and grounding system design work for a 3rd site in MCCD's 13-tower network.

The company's patented Gradiance™ Broadband Grounding System has been added to the existing traditional grounding at two sites, and will also be used at future MCCD sites to achieve the ability to manage and dissipate the extremely high frequencies found in lightning. These characteristics are at the core of most traditional grounding system failures. Such failures can result in off-air events which, of course, are not an option for mission-critical broadcasting operations.

Using between 12 and 20 connected GroundLinX Lohmega CC™ electrodes depending on site configuration and soil content in a ring-and-radials array, the GroundLinX system creates the equivalent of many millions of ground rods — that also can fully and non-sacrificially manage the entire range of frequencies found in lightning or any other fault event. This conquers a critically important limitation of traditional copper-only grounding systems.

In addition to the continued upgrading of transmitter site grounding, MCCD has asked GroundLinX to initiate development of a transportable, reusable, high performance grounding system for deployment with the District's new mobile PSAP emergency vehicle — a 50+ foot truck securely supporting 10 emergency dispatch console operators along with a range of transmitters to supplement the MCCD emergency network from anywhere in the County — regardless of the type of emergency being encountered.

The transportable grounding system based entirely on GroundLinX Gradiance™ technology, will require only a 24-inch (60cm) deep -by- 30-inch (75cm) long trench, 10 inches (25cm) wide, and will provide a highly reliable, noise-reducing ground that is easily deployed and recovered for repeated use, regardless of soil conditions.

For more information on the game-changing abilities and characteristics of GroundLinX Gradiance™ products, please visit GroundLinX Technologies' website at [www.groundlinx.com](http://www.groundlinx.com), or email an inquiry to [info@groundlinx.com](mailto:info@groundlinx.com).

