

## METAL & CABLE CORP., INC.

Standard Magnemount MA model features include:

- 100 MPH wind speed capacity—5.5 ft<sup>2</sup> wind surface area
- 24" x 24" square footprint / Uses up to 120 magnets
- 300 grade stainless steel and anodized aluminum construction
- Maximum 1° mast deflection
- Mast Size: 2"OD x .375"W x 36"L (or: 3"OD x .375"W x 36"L)

### MAGNETIC INSTALLATION / CLEAN ADVANTAGE:

Key to the systems' cost efficient profile is its quick, clean installation; which requires no welders, painters, or special tools. After a swift hoist up the water tower with bearing and rope, installers simply pick a desired surface location and place the base plate. The magnets are then loosened-up to automatically orient themselves to their maximum capacity. The lock-nuts on each magnet need only one turn with a hand wrench to secure the mount in place. Once secured, the antenna is mounted and the installation is completed—typically within about 15 minutes.

According to Xact Communication's Owner, Josh Davis, "Installation on this system is fast and smooth; unlike welding which can often take weeks. It actually takes longer to hoist up the tower than to install it. Plus, there's no need for repairs or maintenance, like welding, which could potentially lead to voiding the paint job's warranty. That alone could represent unwanted time investment and significant expenditures."

### RESULTS / CONCLUSION:

The MCWD installation was completed in less than a week (4thQ / 2010) and Xact Communications has since used about 25 Magnemounts for installation projects all throughout the Midwest and Southern states.

To date, the high-capacity Magnemount system has had no reported service failures or returns in six years of existence. Additionally, an unlimited lifetime warranty is given on all magnets and five years on the complete system. Both warrantees offer 100% free replacement or refund which includes freight (both ways).



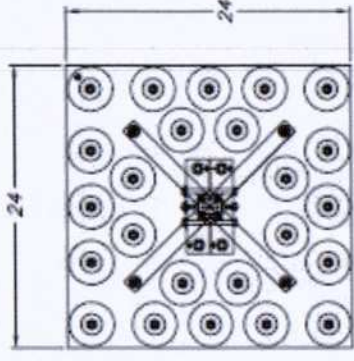
### CORPORATE PROFILE:

Since 1981, Metal & Cable Corp., Inc. has been an innovative manufacturer and distributor "hard-to-find" and custom made metals, and electrical wire and cable. The invention of the patent-pending Magnemount mounting system by Metal & Cable's President, David Klein, represents a major advancement in steel water tank antenna and cable tray mounting. Headquartered in Twinsburg, Ohio, Metal & Cable's progressive growth has been achieved through its commitment to its customers and continued dedication to innovation in a myriad of related markets.

For more detailed information, visit the Metal & Cable Corp., Inc. web site at:

[www.metal-cable.com](http://www.metal-cable.com) or call: 800-735-4051

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## FOR IMMEDIATE RELEASE:

### **MAGNETS HELP METERING GO GREEN: MAGNEMOUNT ANTENNA SYSTEM PROVIDES CLEAN/LEAN SOLUTION FOR AMR / RF EQUIPMENT.**

Twinsburg, OH—February 2011

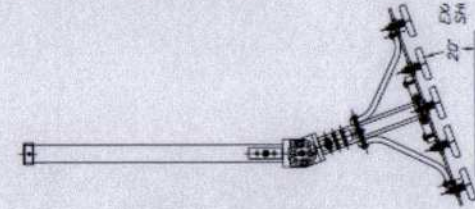
The Monroe County Water District (MCWD) in Paris, Missouri recently prepared to install antenna systems on eight key water towers to accommodate the rural areas' radio frequency (RF) conversion to automatic meter reading (AMR). During this process, concern arose over potential EPA issues arising from the potential risk of damage to the existing tanks protective surfaces, limited handrail mounting options, and the required capacity range that would be required to link the entire area for the county's automatic utility (water, gas, electric) use billing system.

The ensuing AMR system would save local utility providers the expense of periodic manual trips to each physical location to read meters—a task that could take meter-readers a month or more to complete in the rural county. The timely information, coupled with analysis, would ultimately help utility providers and consumers alike with better control of the use and production of utility consumption.

Given these exacting goals and AMR equipment issues, the MCWD consulted with their preferred AMR equipment installer Xact Communications, LLC (Royce City, Texas) to provide an efficient solution. Xact's Operations Manager David Hutchinson, quickly identified a patented, non-invasive, high-capacity magnetic solution they had used on a number of challenging installations throughout the Midwest and South called the Magnemount Antenna System developed by Metal & Cable Corp., Inc. (Twinsburg, OH).

#### **MAGNETIC SOLUTION / GREEN ADVANTAGE:**

The Magnemount system (Patent No. 7,624,957) is engineered with a series of permanent magnets combined with an independently suspended mounting system to provide a non-invasive solution to adhering to the steel surfaces with varying curvatures of water towers. The mounting system is entirely magnetic thus, requires no invasive welding or epoxy coating which could adversely affect a water tank's protective surface coatings and bladder seals. This allowed the MCWD to avoid the risk of potential EPA issues and significant expenditures incurred from draining the tank and recoating its interior/exterior steel surfaces due to welding. Xact's Hutchinson noted an additional 'green' advantage stating, "Since there is no recoating required there is no need to isolate the area around the tower from potential fumes or contamination with protective curtains when prepping a surface."



The high-capacity mounting system is available in 5 basic designs, which can be modified to accommodate specific needs, and features a lifetime warranty on the magnets. The MCWD project utilized the adjustable MA model for its installations which features an un-guyed, adjustable upper mast that allowed them to aim an antenna to any orientation in the hemisphere above the plane of the mounting plate. This was pivotal to maximize RF coverage for the rural region on the eight water towers which had severe curved configurations including traditional five-legged and standpipe designs.



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