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## FOR IMMEDIATE RELEASE

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## **CableOrganizer.com Reveals Field Modification Mistakes that Turn Code-Compliant Cable Trays into NEC and UL Violations**

*Combat common code violations with cable trays that take field modification out of the equation.*

**Fort Lauderdale, FL, March 15, 2011** – When it comes to basket-style cable trays, you'd think it would be a simple and straightforward matter to get them to turn in different directions. They're made of heavy-gauge steel wire, so you should be able to just pull out your cable tray cutter, snip out a few strategic rungs and form your bend, right? Wrong – not if you want your installation to meet NEC and UL requirements.

“Failed inspections not only equal downtime for the facilities that are unlucky enough to be saddled with them, but can also mean delayed payment for the installation contractor” notes Christina Hansen, a Product Specialist with CableOrganizer.com, Inc. “Any way you slice it, someone is going to lose out.”

Learn these simple code-compliance lessons from CableOrganizer.com, and set your next cable tray installation up for a passing grade from the get-go.

### **How Compliant Cable Trays Go Bad**

It doesn't matter if your [cable tray system](http://cableorganizer.com/cable-trays/) (<http://cableorganizer.com/cable-trays/>) was UL classified or NEC compliant when it left the factory – as soon as it's field modified, it automatically loses its code-compliant status. Why the sudden change? For starters, UL does not stand behind field modified parts, because they have no way of verifying or guaranteeing their safety post-modification. And because electrical inspectors (the people who inspect and give your installation the final thumbs-up) rely on UL to cover liability for the installed products, any modification that violates UL regulations can result in an automatic "fail" in your inspection.

Further, NEC article 392.5(E) specifies that proper fittings must be used whenever cable trays change direction or elevation. Just as with UL's requirements, this means that you can't change the path of a cable tray by removing parts (like rungs) and bending – instead, you need to *add on* fittings that not only allow for the directional change, but also maintain the cable tray's structural integrity and grounding path.

### **Keeping Your Cable Tray Installation on the Right Path**

Sound complicated? It isn't, as long as you're using Cable-Mgr cable trays by Wiremaid. Because Wiremaid's [CM10](http://cableorganizer.com/cable-trays/CM10.html) (<http://cableorganizer.com/cable-trays/CM10.html>), [CM20](http://cableorganizer.com/cable-trays/CM20.html) (<http://cableorganizer.com/cable-trays/CM20.html>) and M.E.2 cable tray lines include an extensive selection of pre-fabricated turns, junctions, reducers and drops, you never need to worry about compliance-botching modifications. Whether you need to make a 90° turn or branch off into a T-shaped intersection or 4-way crossroad, the creators of Cable-Mgr trays

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have already created a fitting for it. Once you have your cable basket configuration mapped out, just order the appropriate fittings, and drop them into place.

It's pretty easy to see that this takes care of the structural requirements, but when used as specified, Cable-Mgr systems automatically fulfill grounding requirements as well. Under the UL Cable Tray Program (CYNW), Wiremaid cable trays and fittings are classified as equipment grounding conductors, and actually form an automatic and continuous ground path when connected to each other. Cable-Mgr cable tray designs incorporate patented ground/splice loops, which simplify grounding and reduce your overall bill of materials, thanks to the fact that they eliminate the need for additional ground splices. The only pieces of hardware required for proper Cable-Mgr tray assembly are carriage bolts and nuts, which happen to be included.

A wide variety of metal, fiberglass and PVC cable tray systems by Wiremaid, Panduit, Snake Tray, Enduro and more can be found at <http://cableorganizer.com/cable-trays/>.

### **About CableOrganizer.com**

Founded in February 2002 and headquartered in Fort Lauderdale, FL, CableOrganizer.com is a premier cable and wire management-related product vendor. The company provides companies, organizations and individuals around the globe with 24/7/365 access to an extensive array of high-quality products and information resources through its convenient online storefront. In addition to <http://CableOrganizer.com>, the company also owns and operates <http://CableOrganizer.fr>, which is operated out of Rennes, France. CableOrganizer.com also publishes "On the Wire," a free monthly electronic newsletter with a considerable multi-national opt-in circulation base. Among other honors, CableOrganizer.com is continually named among *Inc. Magazine's* Inc. 500 and 5,000 and *Internet Retailer* magazine's "Top 500." CableOrganizer.com also ranked on DiversityBusiness.com's list of "Top 500 Women Owned Businesses in the U.S." and was named among the *South Florida Business Journal's* "Best Places to Work."

**Note to Editors:** High resolution artwork and select product review samples available by request. Contact Leanne Naidoo, CableOrganizer.com, [leanne@cableorganizer.com](mailto:leanne@cableorganizer.com), 954-861-6349.

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