

JMA Wireless Introduces the FUZE Platform to Streamline HetNet Deployments and Deliver Digital Electricity

FUZE is the first infrastructure platform in the market to converge DAS and Wi-Fi delivery while leveraging digital electricity to produce a fully integrated solution.

Liverpool, New York – September 3, 2015 -- JMA Wireless, a global innovator of wireless communications solutions, announced today the launch of its new platform called FUZE™. This line of products combines new connectivity, mounting, and powering options, resulting in significantly reduced deployment costs for in-building and outdoor DAS (distributed antenna system) and POE-based networking solutions.

Implementers of in-building and outdoor wireless are always trying to optimize the speed and costs of delivery; therefore, they are constantly seeking new ways to streamline everything from mounting, and cabling to powering equipment and more. That more includes methods covering both cellular and Wi-Fi in one installation. FUZE addresses these issues directly by combining several key technologies into fully integrated solutions. The FUZE platform optimizes connectivity from head-end locations to remote sites. It uniquely integrates fiber distribution, powered Ethernet, and different mounting and electrical power options into one robust offering.

“FUZE was derived from time in the trenches, understanding the real costs and complexity of deployments,” said Todd Landry, Corporate Vice President of Product and Market Strategy at JMA Wireless. “The FUZE platform is designed to complement our Teko DAS platform, streamlining deployments and making the total cost of ownership lower than ever.”

The new FUZE platform addresses several key areas that help streamline and lower the cost of both DAS and Wi-Fi deployments:

- Integrated IDF mounting and cabling kits for DAS and Wi-Fi delivery.
- New digital electricity option that centralizes power, eliminates the need for metal conduits, and increases the distance to remote locations to over one mile.
- Integral fiber optic splicing for both DAS and networking equipment.
- IP network media conversion and managed POE+ distribution can be utilized for premised based networks, carrier Wi-Fi delivery, or both.
- Delivers both IP and cellular over a DWDM fiber in a C-DAS (Centralized Distributed Antenna System) configuration, which minimizes fiber leasing costs.





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“JMA is addressing real-world issues for their customers and partners with FUZE,” stated Nick Marshall, Research Director at ABI Research. “Earlier this year JMA launched C-DAS. Now they are innovating again with HetNet and digital electricity solutions.”

The FUZE platform also includes digital electricity units that can be used to power Teko DAS Remote Units for either indoor or outdoor use. Digital electricity utilizes a managed stream of pulses to deliver energy over different gauges of wire pairs. This allows installers to utilize wire, such as in-building CAT5 pairs, to deliver power to an IDF closet. It also allows outdoor deployments to utilize composite cable (fiber and copper in one sheath) to consolidate everything onto a single “pull” of cable. One of the key benefits of digital electricity is its ability to go longer distances – this includes distances over one mile. Besides distance, digital electricity uniquely meets NEC IECUL 60950-1/21 safety requirements, which eliminates the necessity to run metal conduits – a tedious and expensive part of deployments. This offering presents a whole new level of options to integrators and neutral hosts.

Elements of the FUZE platform will be available starting in September 2015, with additional elements released throughout the remainder of the year. For more information visit jmawireless.com/products/fuze-platform.

JMA Wireless is the leading global innovator in mobile wireless connectivity solutions that assure infrastructure reliability, streamline service operations, and maximize wireless performance. Employing powerful, patented innovations their solutions portfolio is proven to lower the cost of operations while ensuring lifetime quality levels in equipment and unrivaled performance for coverage and high-speed mobile data. JMA Wireless solutions cover macro infrastructure, outdoor and indoor distributed antenna systems and small cell solutions. JMA Wireless corporate headquarters are located in Liverpool, NY, with manufacturing, R&D, and sales operations in over 20 locations worldwide. For more information visit jmawireless.com or follow JMA Wireless on Twitter at [@JMAwireless](https://twitter.com/JMAwireless)

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