

Top 10 Small Cell and DAS Consulting/Services Companies - 2019

Today, enterprises are suffering from the pervasive problem of weak network coverage. The extensive area to be covered and the large crowd using the network weaken connectivity that affects business productivity. This explains the need for reliable in-building wireless (IBW) coverage via small cell and DAS technologies. The emerging vendors in this landscape are improving indoor reception by providing more coverage and capacity that reaches beyond local cell towers.

Small cell and DAS consulting and service providers are guiding enterprises about new developments in this landscape to adopt the best solutions that cater to their requirements. For instance, the use of intelligence-enabled automatic configuration and alternative methods of signal transport such as through an existing IT cabling infrastructure. These methods simplify installation and maintenance

while reducing the cost of deployment. Also, the creation of the virtual “supercell” can eliminate signal overlap and ensure better connectivity for enterprises.

Whether a small cell or DAS solution is right for your enterprise relies on factors such as the size of the space that needs to be covered, capacity demands, the number of users, and the budget. To enhance coverage and help enterprises make the right IBW solution choice, a distinguished selection panel comprising CEOs, CIOs, VCs, and Telecom Tech Outlook magazine’s editorial board has selected a list of the most promising small cell and DAS consulting/service providers. These companies leverage innovative strategies to fulfil the coverage and connectivity requirements of enterprises.

We present to you Telecom Tech Outlook’s “Top 10 Small Cell and DAS Consulting/Service Companies – 2019.”

PWR Wireless Superior Services for Turnkey DAS Implementation

Integrating DAS systems in new construction projects is a tricky task. Installing these relatively new systems is often troublesome for electrical contractors who generally possess no knowledge or experience in DAS. In cases where they are installed, the entire system needs endless repairs and tweaking to ensure suitable performance. “Construction projects that require Division 27 or 28 regulatory compliances are often at crossroads, having to either choose a partnership with inexperienced contractors or lie in wait of big companies for help,” says Paul Rice, the owner of PWR Wireless. Big players in the wireless communication space are generally interested in large-scale projects and seldom offer assistance to smaller constructions. Bridging the project-scale gaps in swift DAS integration is PWR Wireless, a firm that offers engineering and consultation services for projects of all sizes. The company allows its clients to set up, initiate, and maintain their DAS systems while ensuring that the installations meet the wireless service providers’ compliance. PWR Wireless adopts a “do it right the very first time” approach to prevent repeated system modifications that can translate to unnecessary cost increments.



Paul Rice



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intervals—suitable to the project’s size—PWR Wireless visits the project site and estimates the availability of supplies, tracks the progress and ensures that the scheduled work is completed on time. It also uses a scalable system that extracts the bill of materials (BOM) from the design to deduce material costs and provide an estimate of the project cost within 20 minutes.

When the system is ready, PWR Wireless performs tests to check the design and RF levels. Rather than project hand-offs, the company ensures that the same engineer oversees the project from start to finish. In the case of multiple jobs with the same client, PWR Wireless follows the same thorough procedure to avoid any room for errors. The comprehensive process converts inexperienced installers into DAS systems expert.

A case in point, the company served a major banking and insurance firm to implement DAS swiftly. In a span of 3 months, PWR Wireless allowed the client to coordinate with carriers and attain effective signal sources in three building constructions, two of which were located in Tampa and one in Phoenix. PWR Wireless eliminated 13-15 months of waiting—the general timeframe that carriers take to respond and install their systems.

Paul Rice’s extensive partnership network with hardware distributors allows the company to complete projects nationwide without encountering logistical and financial hurdles. Adding to the company’s growth, John Batista, the National Director of Business Development at the company is bringing in large scale projects that will propel the company’s businesses. PWR Wireless plans to expand its workforce over the next year and a half.

As a subcontractor, PWR Wireless achieves superior DAS integration results by following a well-defined checklist model that gathers all the relevant project information. After identifying all the client requirements for the project, PWR Wireless proposes its design for a building. After the construction is completed (generally happens over a span of two years), an engineer visits the site and performs an assessment to double-check the design and identify any changes in the construction plans that will, in turn, prompt modifications in the company’s proposed designs. “We offer cable terminating tools, cable testing tools, RF sweep test units, PIM test units, JMA connector compression toolkits, and other necessary toolkits,” adds Rice. PWR Wireless then assists its clients with ways to leverage these tools, derive results, and fix identified problems. Also, midway through the project, or during



Company:
PWR Wireless

Description:
A service company that provides turnkey systems through engineering and consultation services for new constructions seeking DAS integrations

Management:
Paul Rice
Owner

Website:
pwrwireless.com