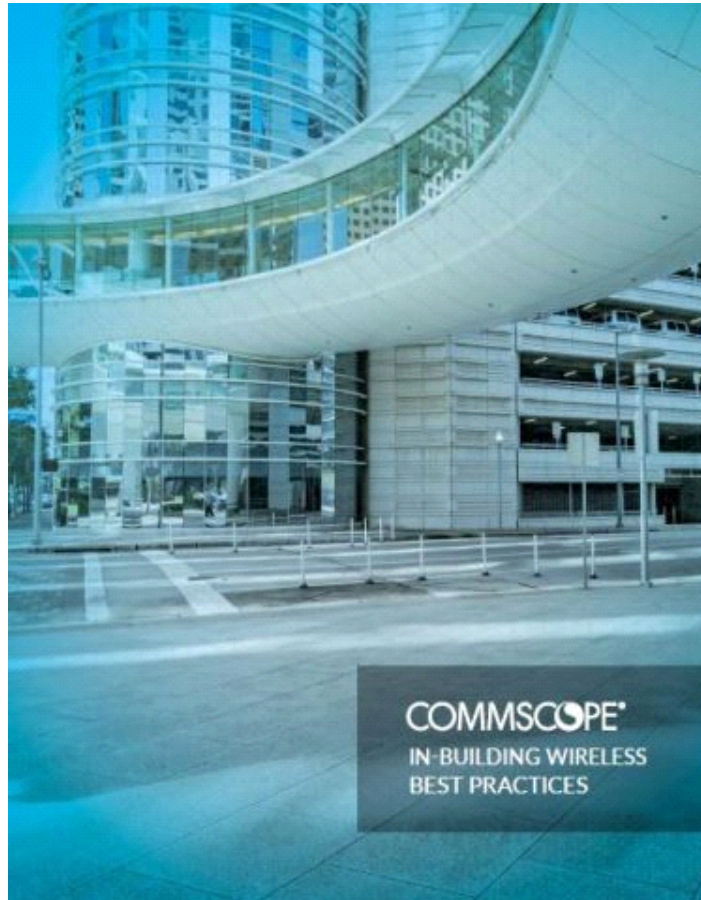


## CommScope at Mobile World Congress 2017: A Multitude of Network Solutions

HICKORY, N.C.--(BUSINESS WIRE)-- Trends and changes in the wireless industry continue to pressure network operators. Mobile data traffic increases every year, absorbing capacity and threatening the user experience. Meanwhile, operators are competing to be ready for upcoming [5G](#) deployments as that standard takes hold over the next few years.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20170221005379/en/>



Today's in-building wireless (IBW) solutions include a number of powerful technologies, each with their own applications, advantages and challenges. CommScope has extensive experience in supplying and deploying IBW solutions, which it has put into a new eBook, "In-Building Wireless Best Practices." (Photo: Business Wire)

Meeting the network capacity needs of operators now while building a solid 5G foundation is where CommScope is focused, which the company will demonstrate at [Mobile World Congress 2017](#).

[VIDEO: CommScope at #MWC17 - Network Solutions for the Next Generation of Cellular](#)

"Operators are addressing their current challenges with a focus on LTE optimization, small cell deployments and in-building wireless, plus looking ahead with 5G development and trials," said Ben Cardwell, senior vice president, CommScope Mobility Solutions. "With our expertise and extensive portfolio of wireless and fiber optic solutions, CommScope is helping customers through this important transition, as it has through other technology generations."

CommScope will present many of its network solutions at Mobile World Congress 2017, centered around major areas of operator concern:

- 1 **Capacity** - CommScope solutions such as [ultra-wideband base station antennas](#), enhanced to support the 1400 MHz and 600 MHz frequency bands, help operators get the most capacity from their valuable spectrum holdings. At MWC17, CommScope is offering a tutorial on [antenna beamforming](#) and MIMO technology, key areas of LTE capacity enhancement.
- 1 **Densification** - CommScope will display its [integrated metro cell solution](#) for urban areas with strict zoning requirements and rural areas with coverage spots. The company will also present its major in-building wireless solutions, most notably IT-friendly [distributed antenna system \(DAS\)](#) and [indoor small cell](#) offerings. A summary of CommScope's many years of experience in IBW can be found in the new [In-Building Wireless Best Practices eBook](#).
- 1 **Virtualization** - The first step towards virtualizing network functions is deploying a centralized radio access network (C-RAN), which requires more fiber. At MWC17, CommScope will discuss its broad portfolio of [fiber connectivity solutions](#) for fronthaul and backhaul networks, as well as its unique C-RAN small cell solution for [cell virtualization](#).
- 1 **Optimization** - Efficiency is always a critical design requirement for wireless networks, and a driving force behind CommScope innovations. The company's [iQ.link@XG](#) microwave planning software, [interference mitigation filters](#) and intelligent, plug-and-play DC power supply solution, [PowerShift™](#), offer unique capabilities in network optimization.

To mark its recent 40<sup>th</sup> anniversary, CommScope recently announced its all-time [top 40 innovations](#) for communications networks. Visitors to CommScope's stand 2J30 in Hall 2 at MWC17 will have a chance to compete in a quiz based on that list. To book a meeting or schedule a demo of CommScope network solutions, visit [CommScope at MWC](#).

Related blog posts:

[CommScope Definitions: What is C-RAN?](#)

[Does cell virtualization offer a peek at 5G?](#)

[Maximizing Your Metro Cell Advantage](#)

[Three Fundamental Strategies for Achieving 5G](#)

[Top Promising Innovations - PowerShift](#)

*iQ.link and PowerShift are registered trademarks of CommScope, Inc.*

#### **About CommScope:**

[CommScope](#) (NASDAQ: COMM) helps companies around the world design, build and manage their wired and wireless networks. Our vast portfolio of network infrastructure includes some of the world's most robust and innovative wireless and fiber optic solutions. Our talented and experienced global team is driven to help customers increase bandwidth; maximize existing capacity; improve network performance and availability; increase energy efficiency; and simplify technology migration. You will find our solutions in the largest buildings, venues and outdoor spaces; in data centers and buildings of all shapes, sizes and complexity; at wireless cell sites; in telecom central offices and cable headends; in FTTx deployments; and in airports, trains, and tunnels. Vital networks around the world run on CommScope solutions.

Follow us on [Twitter](#) and [LinkedIn](#) and like us on [Facebook](#).

Sign up for our [press releases](#) and [blog posts](#).

This press release includes forward-looking statements that are based on information currently available to management, management's beliefs, as well as on a number of assumptions concerning future events. Forward-looking statements are not a guarantee of performance and are subject to a number of uncertainties and other factors, which could cause the actual results to differ materially from those currently expected. In providing forward-looking statements, the company does not intend, and is not undertaking any obligation or duty, to update these statements as a result of new information, future events or otherwise.

View source version on [businesswire.com](http://www.businesswire.com/news/home/20170221005379/en/): <http://www.businesswire.com/news/home/20170221005379/en/>

#### **News Media Contact:**

Bill Walter, CommScope  
+1 708-236-6634 or [publicrelations@commscope.com](mailto:publicrelations@commscope.com)

or

#### **Financial Contact:**

Jennifer Crawford, CommScope  
+1 828-323-4970

Source: CommScope

News Provided by Acquire Media