

Press Release Oct. 21st, 2019

Media Broadcast presents 5G campus network solutions at Medientage München for the broadcasting industry

- **Live Showcase at Medientage München evaluates 5G potential for TV Production and Event Broadcasting**
- **Media Broadcast adds 5G campus solutions to services portfolio subject to frequencies availability in Germany**

Cologne, Munich, October 21st, 2019 – Media Broadcast, leading service provider for the German broadcast industry, will present a 5G enabled live demo showcase for TV production and the broadcasting of events at Medientage München 2019 on October 23 and 24. The demo set-up comprises a dedicated mobile test network simulating a 5G campus network for media production companies and broadcasters. As soon as the respective frequencies for 5G campus networks become available in the 3.7-3.8 GHz frequency range, Media Broadcast will complement the existing services portfolio with respective 5G solutions.

TV signals of up to four different cameras, from professional TV-cameras to smartphones, will be transmitted for the live demonstration by a commercial 4G/5G base station via a mobile network to the production facility of the company's SNG. Munich based Media Broadcast partner Smart Mobile Labs enriches the real-time contribution of TV signals with related meta data e.g. object position, object speed. The solution is fully 5G-enabled, however for the showcase all signal transmissions are realized with 4G (LTE) on a 20 MHz carrier in the 2.3 GHz spectrum. This is because the new 5G campus frequencies in the 3.7 to 3.8 GHz spectrum are currently not commercially available.

„With the soon to be expected availability of the respective frequencies for 5G campus networks, we expect a growing interest of broadcasters and media companies for upgrading their existing campus networks and for adding more flexibility to their remote production and event broadcasting capabilities. We invite our customers to this showcase to discuss industry expectations and future demand. The new technology provides a lot of opportunities e.g. for the usage of wireless equipment such as wireless TV cameras and for the mobile contribution of TV signals from the field to a production unit“, says Arnold Stender, Managing Director of Media Broadcast.

Stender added: „As the leading German Service Provider we closely evaluate the 5G potential for the broadcast and media industry from campus networks to production to TV distribution (5G Broadcast).

For 5G Campus solutions we expect a market demand already mid-term, i.e. way earlier than for 5G Broadcast. That is why we have decided to complement our existing campus network services portfolio and ftx- and SNG- based event broadcast portfolio with 5G already now. As soon as the respective frequencies will be made available in Germany, we will support our customers with a comprehensive offering from the request of frequencies to frequency and network planning, to network build and run and field service maintenance.”

Experience the Media Broadcast Live Demo Showcase at the exhibition area of the Medientage München 2019 on October 23 and 24.

About MEDIA BROADCAST

Media Broadcast is a member of the freenet Group and Germany's largest service provider for the broadcast and media industry and for the digital transformation of our customers. The company's core business includes the planning, build and operation of digital transmission platforms for television and radio using modern transmission, fibre and satellite networks. The company is the market leader for terrestrial digital radio (DAB+) and TV (DVB-T2 HD) in Germany and successfully runs the B2C business "freenet TV". Media Broadcast connects public and commercial broadcasters, TV and radio production companies, cable network operators, and many more industry players with its highly available NGN backbone and realizes the broadcasting of Live-Events for companies. The company has its headquarters in Cologne and employs several hundred colleagues in services field force, nationwide.

Press Contact:

Holger Crump

Pressesprecher Media Broadcast

Erna-Scheffler-Straße 1

D-51103 Cologne

TEL +49 (0) 221 7101 5012

MAIL presse@media-broadcast.com

WEB media-broadcast.com

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