



The campus network in detail

The largest 5G exhibition center in Europe is being implemented in Hanover with a hybrid network, the so-called "dual-slice" campus network. For this, 14 outdoor 5G antennas will be put into operation in the first step. In addition, more than 70 indoor antennas will illuminate the first 5 halls with 5G indoors as well.

The private part of the campus network will be implemented with frequencies in the 3.7 - 3.8 GHz range. Deutsche Messe has been allocated a corresponding license from the industrial spectrum by the German Federal Network Agency for this purpose. The part of the public network will be secured using Deutsche Telekom's own frequencies in the 3.6 GHz range. This means that a total of 190 MHz of bandwidth is available for the exhibition center.

A redundant mobile network ensures particularly high availability. It thus offers maximum reliability for the trade fair, exhibitors and visitors.

An edge computing platform processes incoming data in the shortest possible response time. It is integrated into the network architecture and processes the data directly on site. This ensures maximum data security and efficient data processing.