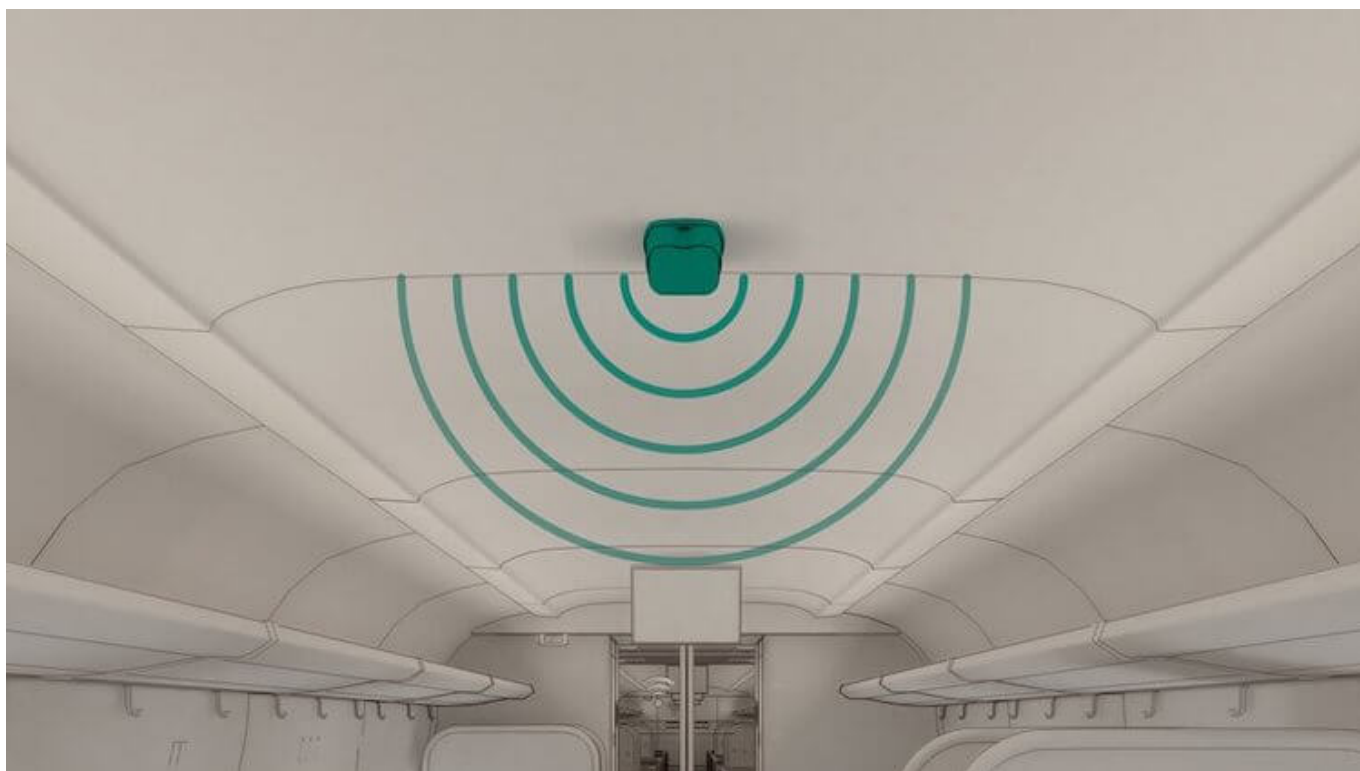


Huber+Suhner and ELTEC Elektronik launch compact active rail antenna



SENCITY Rail ACTIVE In-Carriage antenna can provide multiple access points along the carriage ceiling

[Huber+Suhner](#) and [ELTEC Elektronik](#) announced in a [May 25 press release](#) they have launched an active in-carriage antenna designed to simplify the deployment of Wi-Fi on trains and help rail operators achieve higher data throughput.

The [SENCITY](#) Rail ACTIVE In-Carriage antenna can provide multiple access points along the carriage ceiling.

"In order to improve passenger and staff Wi-Fi coverage, rail operators are responding with new technology in and on trains," said Peter Albert, Managing Director at ELTEC Elektronik. "Small Cells are increasingly being used and smaller cells with a limited number of users increases the data throughput per user. This is realized with a larger number of access points per train carriage."

Multiple access points in the carriage can provide passengers with significantly higher bandwidth and enable them to surf faster with their devices.

"As new generations of Wi-Fi are introduced, more antennas and RF cables will be needed. By embedding the access point directly inside the antenna itself, there will be less losses through the RF cables as the distance to the access point is no longer an issue," said Daniel Montagnese, Head of Product Management Antennas at Huber+Suhner.

Globally certified for railway standards EN 50155, EN 45545-2, NFPA-130, CE and UL, Huber+Suhner said operators are assured that connectivity infrastructure can be deployed in any location worldwide.