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Vi, Ericsson's 5G power to transform healthcare in India

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Based on the high data speed, low latency and reliability of 5G, doctorsÂ can treat patients in a remote rural location



As part of the ongoing 5G trials in India, Vodafone Idea Ltd (VIL) and Ericsson have partnered to showcase the power of 5G to revolutionise the healthcare sector in India by showing how 5G connectivity can enable access to healthcare in remote parts of the country.

The 5G trial network set up by Vi on government allocated 3.5 GHz mid-band and 26 GHz mmWave bandin Pune, deploys Ericsson Radios and Ericsson Dual Mode Core based on cloud-native technology consisting of 5G SA, 5G NSA & LTE packet core functions.

Based on the high data speed, low latency and reliability of 5G, a doctor located in an urban centre can carry out an ultrasound scan on a patient who is in a remote rural location. This is being trialled by Vi using Ericsson's 5G infrastructure to showcase the power of 5G to reach healthcare to remote parts of the country.

States Jagbir Singh, CTO, Vi, "Speed and latency are critical to 5G services, and therefore, our focus has been to achieve throughputs which can effectively enable relevant 5G use cases for the Digital India of tomorrow."

As part of the ongoing demonstrations, Vi and Ericsson also demonstrated the Enhanced mobile broadband (eMBB) and fixed wireless access (FWA) applications with 5G.

"The flexible Dual Mode Core set by Ericsson with Vi in Pune is helping enterprises leverage the network to deploy use cases like Remote video monitoring, telemedicine, digital twin, AR/VR etc. during the ongoing trials," states Amarjeet Singh, VP, Ericsson.