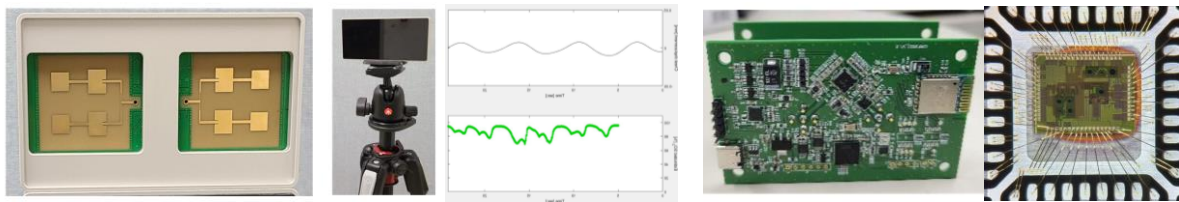


ETRI (Electronics and Telecommunications Research Institute)

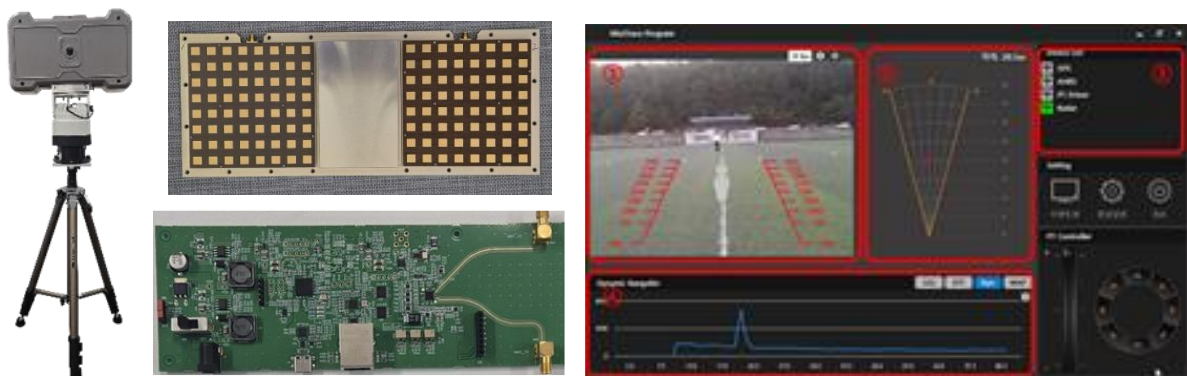
The Electronics and Telecommunications Research Institute (ETRI) is Korea’s leading ICT research organization dedicated to developing core source technologies that drive the Fourth Industrial Revolution. ETRI proactively secures next-generation ICT convergence technologies — including Artificial Intelligence (AI), 5G+/6G immersive communication, AI semiconductors, hyper-realistic metaverse, cybersecurity, quantum and supercomputing, ICT materials and components, and convergent ICT technologies — contributing to national competitiveness and improving the quality of life.

To achieve sustainable innovation, ETRI promotes ESG (Environmental, Social, and Governance) management while expanding the foundation of the industrial ecosystem through R&D commercialization and startup support. Moving forward, ETRI will continue to lead strategic research and global collaboration to shape a better tomorrow through human-centered technological innovation.

ETRI has developed a prototype vital-signal device detecting human life-sustaining signals such as respiration, heart beat and oxygen saturation, as well as a see-through-wall radar sensor searching persons trapped in invisible areas when disasters such as fire or earthquake occur.



Miniaturized radar sensor detecting human vital signs such as respiration, heart beat and SO2



See-Through-Wall radar detecting human in invisible areas

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