

PROFILE



Electronics and Telecommunications Research Institute(ETRI)

Innovation Leader Shaping a Human-Centered Future through AI and DX

✓ Semiconductor and Display

✓ Artificial Intelligence (AI)

✓ Aerospace and Marine Technology

✓ Cybersecurity

✓ Next-Generation Communications

✓ Advanced Robotics and Manufacturing



Website QR

Information

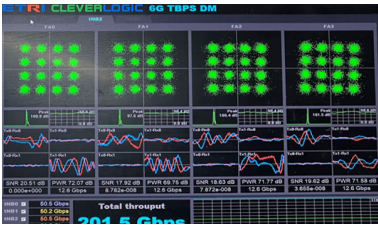
Main Contact	+82-42-860-6114
Website	https://www.etri.re.kr/kor/main/main.etri
Purpose of Establishment	Advancing Core and Emerging Technologies for Innovation, National Growth, and Social Progress
Main Responsibilities	Technolgy R&D, Developing ICT Talent, Strategic Planning for National R&D Policy, Leading International Standardizaion Activities, R&D Support for SMEs
Planned Recruitment	00

Contact

Department	Human Resources Department Planning Section
Phone	+82-42-860-4894
E-mail	job@etri.re.kr



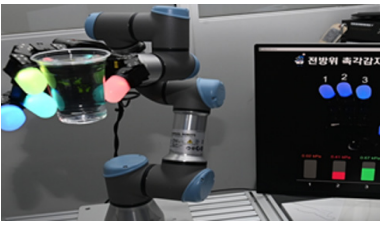
Key Achievements



200Gbps 6G Wireless Transmission
(10x faster than 5G)



Brazil DTV+ National Standard Adopted (Presidential Decree, Aug. 2025)



World-First 360° Omnidirectional Tactile Robot Finger Module

Research & Project List

- Development of Core and Foundational AI Technologies for Advanced & Ubiquitous Intelligence

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Development of Next-Generation AI & AI Safety Technologies, AI Cloud Computing Technologies, AI-Specialized Semiconductors, and AI Cybersecurity Technologies
- Development of Physical AI Systems for Human Coexistence & Embodiment

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Development of AI Robot Intelligence Systems, AI Mobility System Technologies, and On-Device AI Technologies information and data
- Development and Implementation of 3D Communication Systems for Intelligence Integration & Spatial Expansion

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Development of 6G AI Network Technologies, 6G Low Earth Orbit (LEO) Satellite Communication Systems
- Development of Spatial-Convergence Technologies for Expanded Experience & Real-Virtual Synchronization

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Development of Real-Time 3D Spatial Media Systems, Spatial-Convergence Interactive Service Technologies
- Development and Application of Public & Industry-Specific ADX (AI Digital Transformation) Technologies to Strengthen National Competitiveness

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Development & Application of ADX Technologies in the Public Sector, Development & Application of ADX Technologies in the Industrial Sector
- ICT Future Challenges & Creative Basic R&D

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Development of Core Quantum Technologies, Creative Basic R&D