

ICT Technology Classification Table: Category A and B

Category A	Category B	For example:
Convergence ICT	Public Security ICT	Security Reinforcement, Public Service, Crime Prevention, Transportation Vulnerable, Historical Data Management
	Industrial Convergence ICT	Apparel and Textile, Sport, Culture, 3D Printing, Manufacturing Convergence
	Medical ICT	Medical Device, Medical Platform, Medical Service, Medical Information Exchange, Medical Information DB
	Energy ICT	Energy Production, Energy Storage, Energy Consumption, Energy Transaction
	Agriculture and Marine ICT	Production, Distribution, Transaction
	National Defense ICT	Intelligence, surveillance and reconnaissance System, Command and Control System, Pinpoint Strike System, Battlefield Environment System
	Others	Others
Mobile Communication	Mobile Service Platform	Mobile Convergence Service, Mobile Core Network
	Mobile Access System	Wide Area Mobile Communication System, Local Area Mobile Communication System, Application and Specialized System
	Mobile Terminal, Parts, and Test Certification	Convergence Terminal, Convergence Parts, Test and Certification Technology

Category A	Category B	For example:
Network	System	Core Network, Access Network, Fixed Mobile Convergence Network, Data Center Network, Special Purpose Network
	Service and Control	Infra, Middleware, Control and Management S/W
	Parts and Module	Optical Parts and Module, Electronic Parts and Module, Networking Software Module
	Originality	Quantum Communication, Next Generation Internet Infra, Internet Science
Radio/Satellite	Radio based Technology	Spectrum Engineering, Antenna/Radio Wave Propagation, RF/Super High Frequency Parts and Module
	Electromagnetic Environment	Electromagnetic Device Protection, Electromagnetic Human Body Protection, RF Measurement and Analysis
	Radio Application	Radio Application, Energy Transmission and Collection, Radio Application in living
	Satellite	Communication Payload, Satellite Frequency, Satellite Broadcast and Communication Service
Broadcasting	Broadcast Media Creation Platform	Broadcast Media Production, Broadcast Media Editing Tool and S/W Platform,
	Broadcast Infra	Channel Efficiency, Encoder/Decoder, Transmission/Reception, Production Equipment, Tx/Rx Equipment, STB, TV
	Public Welfare and Disaster Broadcast	Disabled Person Support Broadcast and Disaster Broadcast
Category A	Category B	Category C
Information Security	Security based Technology	Cryptography, Authentication, Sub-channel Protection, S/W, H/W Weak Point, Malignant Code Analysis
	Network Security	Wired Network Security, Wireless Network Security, Security Management
	Device/System Security	SoC Security, Device Security, System Security
	Service Security	Cloud/Big Data Security, DB/Web Security, Contents Security,

		Personal Information Security, Actions for On-line Fraud, Digital Forensic
	Physical Security	Human/Bio Recognition, CCTV Surveillance and Control, Manless Surveillance
	Convergence Security	Industry Control System Security, Flight/Ship Security, Car Convergence Security, Healthcare Security
Generic S/W and Computing	System S/W	Server/Client Platform, Storage System S/W, Data Management S/W, Distributed Parallel Processing S/W, Operating System, Programming Language and Development Tool
	Intelligent S/W	Natural Language Processing S/W, Image, Video Recognition S/W, Speech Recognition S/W
	Big Data	Big Data Analysis and Application S/W, Big Data Analysis Intelligence, Big Data Platform, Real-time Big Data Processing, Big Data Service
	Cloud Computing	Cloud Server Platform, Cloud Storage System, Cloud Network System, Cloud System Management, Interoperability between Clouds, Cloud Application Service and Client
Convergence S/W	Application S/W	Industry Application S/W, Business S/W, Mobile S/W, Simulation S/W
	Application Platform	Application DB, Smart Device Platform, Embedded Platform, S/W Engineering
	Internet S/W	Social Web Service, Internet Service, Cloud Application, Big Data Application
	Artificial Intelligence Application S/W	Speech Processing Application S/W, Image/Video Processing Application S/W, Intelligence Service S/W, Virtual Simulation S/W
Smart Service	IoT (Internet of Things)	IoT Service, IoT Platform, IoT Network, IoT Terminal, IoT Security,
	Smart Home	Smart Home Platform, Home Network, Smart Home Appliances, Interactive UI/UX

	Smart Media	IPTV/Smart TV, Open Screen/Space Media, Sensitivity Media, Custom-built Advertisement, Social Media, Smart Media Terminal
	RFID/USN	RFID Tag and Reader, RFID Middleware, Mobile RFID, Sensor Node and System, Sensor Node Middleware, Sensor Networking, RFID/USN Service Platform, Intelligence Convergence Service
	Device	Smart Device, Wearable Device, Next Broadcast and Communication Device, ICT Convergence Device,
	Green Computing	Server, Storage, Data Center
	Future Computing	CPS(Cyber Physical System), HPC(High Performance Computing), Super Computing
Digital Contents	Realistic Video Contents	Computer Graphics/Vision, 3D/UHD, Hologram, Stereophonic Sound
	Interaction Contents	AR/MR/VR, Natural UI/Natural UX, Five Senses Recognition, Nero Contents, Sensitivity Perception
	Smart Contents	Contents Analysis and Search, Social Cloud Co-work, Context Awareness Contents, N-Screen Contents
	Contents Distribution/Service	Contents Packaging, Distribution and Transmission, Contents Distribution Platform, Contents Application Service