

Government-driven ICT Policy: IT 839 strategy

Recently the Ministry of Information and Communication (MIC) drew up the ICT 839 Strategy that aims to introduce world's first services and products: introducing and promoting eight services, building three infrastructures, and developing nine ICT new growth engines.

Korea's development strategy is to adopt new ICT services ahead of competitors, commercialize them and preoccupy the ICT service industry

The IT 8-3-9 strategy is a set of vision statements and also a kind of roadmap for Korea's future ICT development as well. It introduces not only the visions of the new services, the future infrastructures, and the new growth engines but also the milestones of each of them to achieve.

TABLE. IT 8-3-9 STRATEGY IMPLEMENTATION PLAN FOR 2004 & MID-TO-LONG TERM GOAL

Area	Title of project	Plan for 2004	Mid-to-Long Term Goal
Services	WiBro Service	Standardization, Establish Licensing Framework	Service Launch ('06)
	DMB Service	License Broadcasting Station, Service Launch	Interactive Service ('06)
	Home Network Service	Provide the Service to 500,000 Homes (VOD/Electronics Control)	10 Million Home Network Serviced Houses ('07)
	Telematics Service	Establish Information Center, Pilot Project Launch	10 Million Service Users ('07)
	RFID based Service	Allocate Frequencies, Develop Core Technologies	Tiniest & Cheapest RFID ('07)
	W-CDMA Service	Allow Subsidies, Support Tech. Development	Nationwide Networks across Cities ('06)
	Terrestrial D-TV	End Standard Dispute, Expand Coverage	Nationwide Networks ('05)
	Internet Telephony (VoIP)	Establish Service Framework, Allocate Numbers	4 Million Service Users ('06)
Infra-structure	BcN	Develop Tech., Establish Network for R&D Use	20 Million Users ('10)
	U-Sensor Network	Establish Framework, Pilot Project Launch	Realize u-Life ('10)
	IPv6	Support Pilot Project, Develop Equipment	Switch over to All IPv6 ('10)
New growth engine	Next-Generation Mobile Communications	Develop Portable Internet Prototype	Develop 4G Mobile Communication Prototype ('07)
	Digital TV	Develop Terrestrial DMB Transmitter-receiver	Telecom & Broadcasting Convergent Service Server/ Devices ('07)
	Home Network	Develop Wired & Wireless Convergent Home Server	Telecom & Broadcasting & Games Convergent Home Server ('07)
	IT SoC	Develop Multimedia Chipset for Mobile Phones	Develop into One of the Three Major Countries in IT SoC ('07)
	Next-Generation PC	Introduce Watch-type PC	Wearable PC ('07)
	Embedded SW	Build Embedded SW in 100 Kinds of Products	Develop into the second largest producer in Embedded S/W ('07)
	Digital Contents	Develop Multi-platform Game Engines	One of the Three Major Open Source SW Producers ('07)
	Telematics	Establish Test-bed for Tech. Verification	In-vehicle Mobile Office ('07)
	Intelligent Service Robot	Develop Humanoid that Recognize its Master	Global Presence ('07)