



Smart Japan ICT Strategy

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Ministry of Internal Affairs and Communications, Japan

Smart Japan ICT Strategy –Overall Structure–

Sharing the sense of crisis that
Japan is standing at “a historical turning point” for sustainable growth

Comprehensive strategy

Smart Japan ICT Strategy

ICT Growth Strategy II

Creating new innovation through
connecting various things and
services by ICT

National strategy

**Initiative on Intensification of
International Competitiveness and
Global Outreach in the Field of ICT**

Contribution to international society
through intensification of international
competitiveness and global outreach in
the field of ICT

International strategy

Smart Japan ICT Strategy —Perspective—

Mission

To be the most active country in the world

-Realizing Japan's economic growth and contribution to international society through innovation by ICT-

Vision

- ① Building “a knowledge- and information-based nation” by 2020
- ② “3 in 1” solution of problems of the globe, Japan and other countries all together by ICT
- ③ “Practice” and “Speed” on global viewpoints

Action

- ① Connection between national and international strategy
National strategy: ICT Growth Strategy II
International strategy: Initiative on Intensification of International Competitiveness and Global Outreach in the Field of ICT
- ② Realizing the world's most advanced ICT environment for Tokyo 2020 Olympic and Paralympic Games

ICT Growth Strategy II

Vision

Creating new innovation through connecting various things and services by ICT

Approach

Priority projects

Taking advantage of
〔“National Strategic Special Zone”, etc.〕

Local revitalization

- ICT smart town
- G-spatial city
- Smart agriculture

Solving social problems

- Medical care
- Education
- Disaster prevention
- Transportation
- Support for women's activities within society
- Measures for aging infrastructure
- e-Government, e-Local government
- ICT new business creation

Tokyo 2020 Olympic & Paralympic Games

- Promotion of free public Wireless LAN access
- Promotion of “Global communication project”
(sophistication of multi-language voice translation system)
- Promotion of 4K/8K (Super Hi-Vision) utilization
- Promotion of overseas expansion of broadcasting contents

ICT common basis

Platform

- G-spatial platform
- Platform of ICT smart towns
- Utilization of big data and open data

Infrastructure

- Promotion of free public Wireless LAN access at sightseeing spots, disaster-prevention facilities and others
- Promotion of 4K/8K utilization
- Development of ubiquitous network
- Review of competition policy for further dissemination and development of the world's most advanced ICT infrastructure

Environmental improvement

- Development and utilization of human resources
- Promotion of Research and Development
- Promotion of measures for information security, environmental improvement for utilizing personal data

Vision

Contribution to international society through intensification of international competitiveness and global outreach in the field of ICT

-Aiming to raise annual overseas sales to 17.5 trillion yen, 5 times as much as 2012, by 2020-

Approach

Priority projects

Strategic outreach based on “regions times fields”

- Changing approach from seeds-oriented to needs-oriented
- Clarifying priority field of application, priority markets and rival countries

Field: Disaster prevention, G-spatial, smart agriculture, broadcasting contents, medical care, education, e-Government, etc.

Market: ASEAN, India, etc.

Outreach of “ICT package”

- Presenting solutions to other countries’ problems as a “package”
- Including ICT infrastructures, terminal devices, systems, institutions, operation and consultation
- Grasping new problems and building a relationship of mutual trust through service operations

Creation of new architecture

- **Emphasizing “Infrastructure innovation”**
 - Remote medical care, remote education, smart agriculture, etc.
- **Establishment of ecosystem**
 - Utilizing open protocols positively and securing closed core technologies
- **Establishment of “Japan brand”**
 - Constructing “ICT Showcase”
 - Making the brand logo and project signboards
 - Keywords: safety and security, OMOTENASHI (the heart of Japanese hospitality)

Common basis

Constructing flexible and effective “Public-Private Partnership”

- Dispatching “Public-Private Joint Missions” (top-level sales)
- Constructing “Public-Private Local Task Force”
- Arranging mechanism for capital provision contributing to intensification of international competitiveness and global outreach in the field of ICT