

Japan's Broadband Policy

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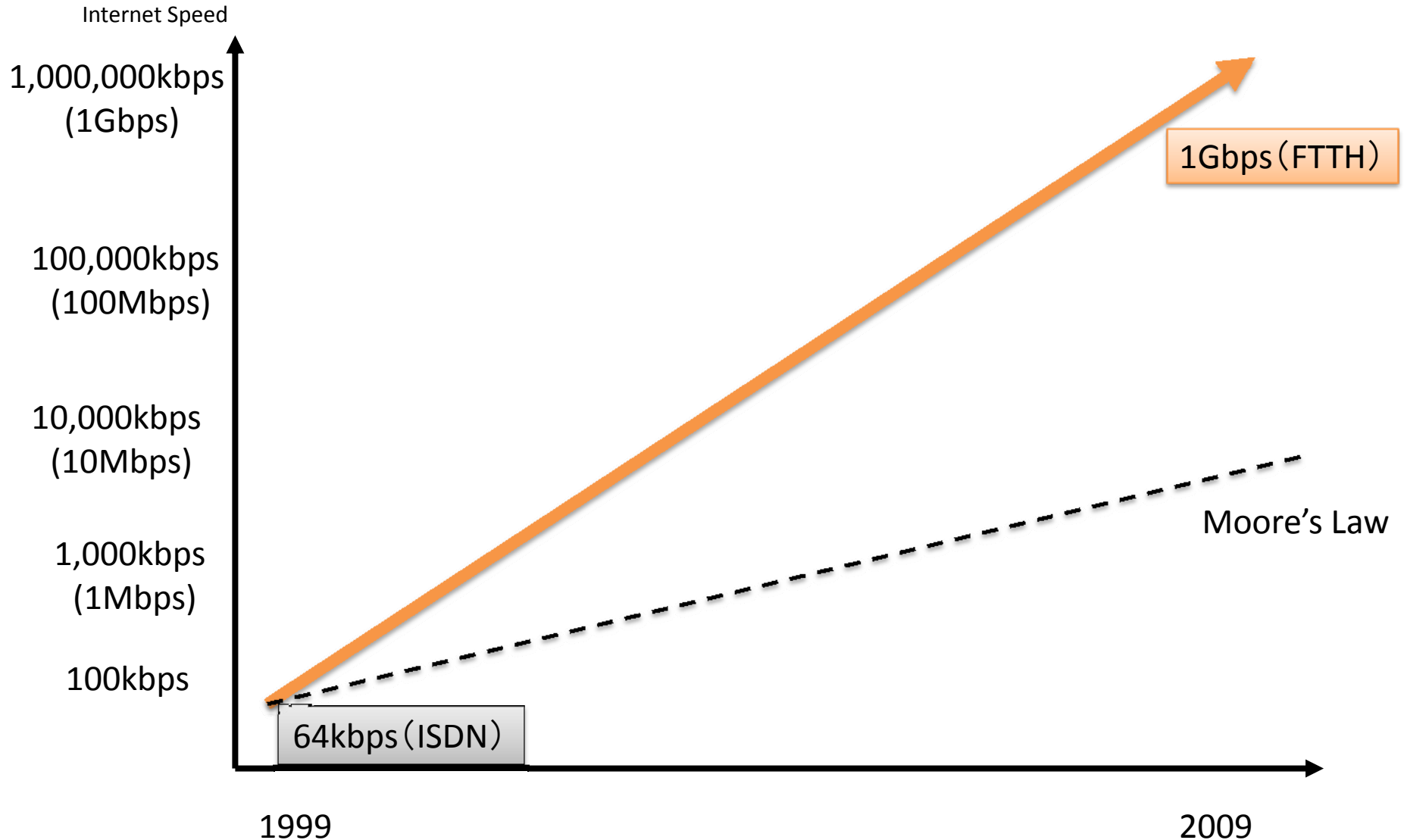
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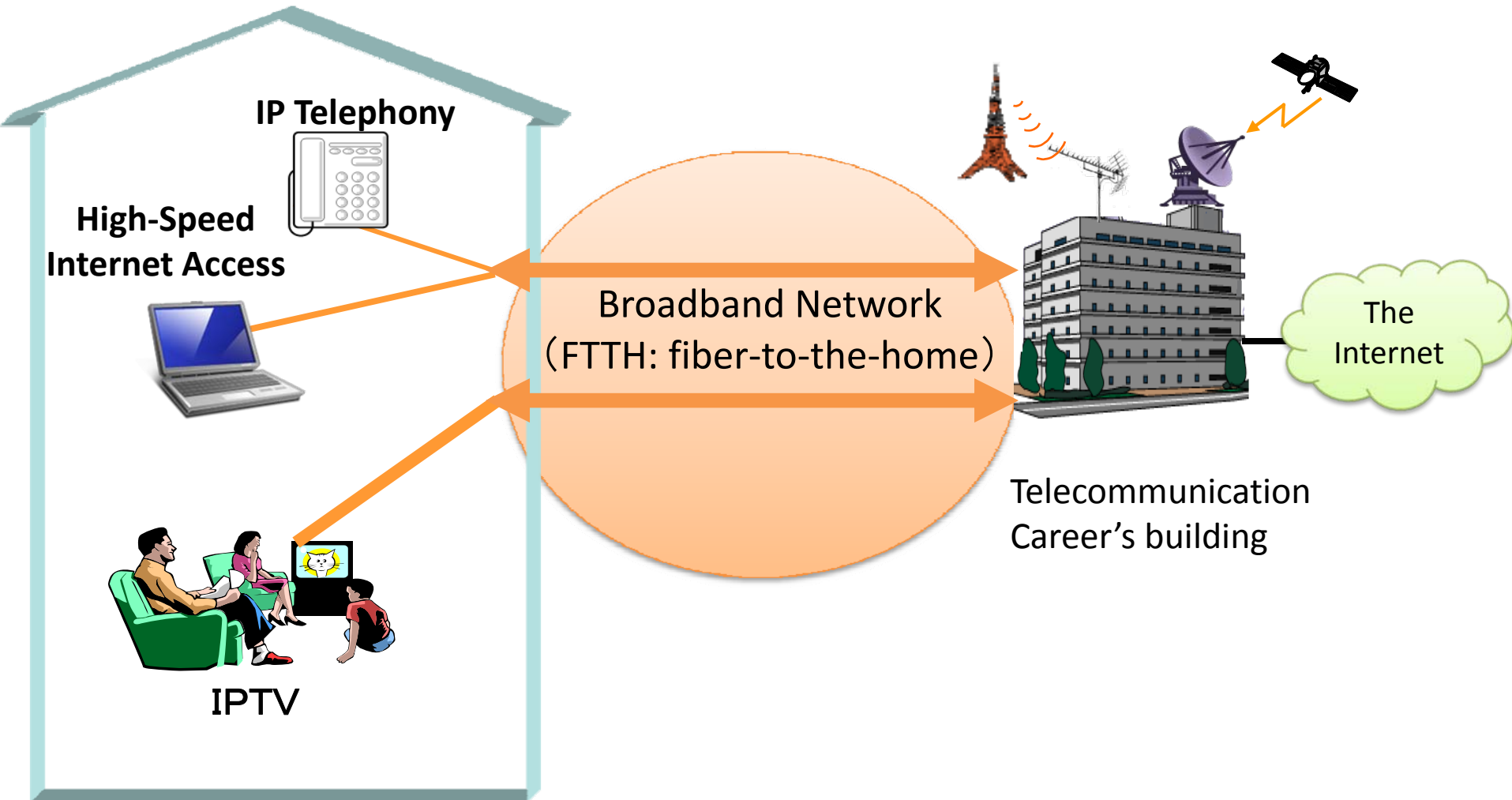
Transmission speed of the Internet

- Moore's Law describes that the processing speed of semiconductors has risen about 100-fold every ten years.
- However, the transmission speed of Internet has risen about ten thousand-fold for this ten years.



Integrated Services

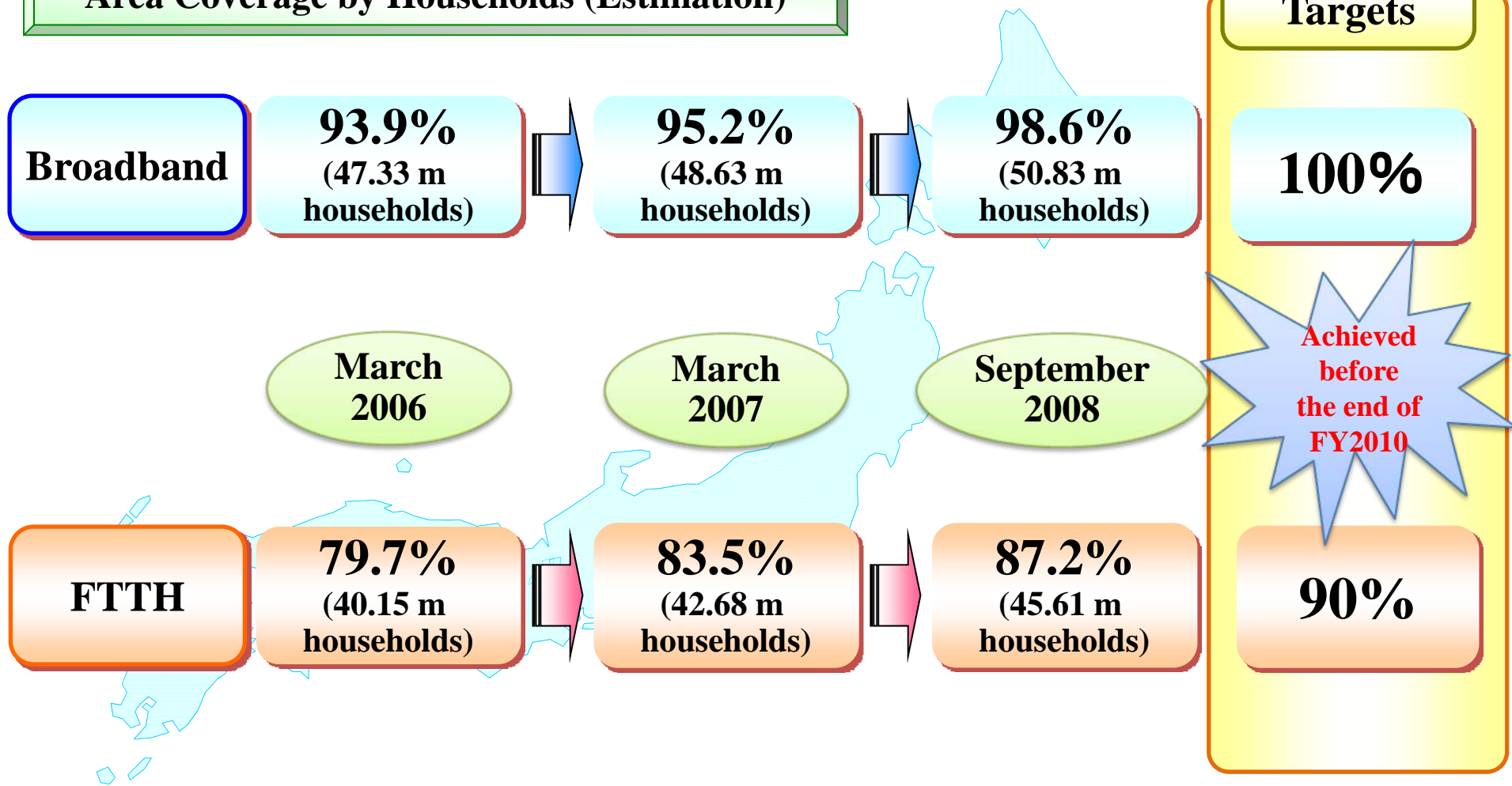
- By developing the IP network with optical fiber, Japanese people can enjoy various services in an integrated fashion.



Current Status of Broadband (availability)

- Virtually 100% of households are ensured of having access to broadband.
- About 90% are ensured of having access to fiber-to-the-home (FTTH).

Area Coverage by Households (Estimation)

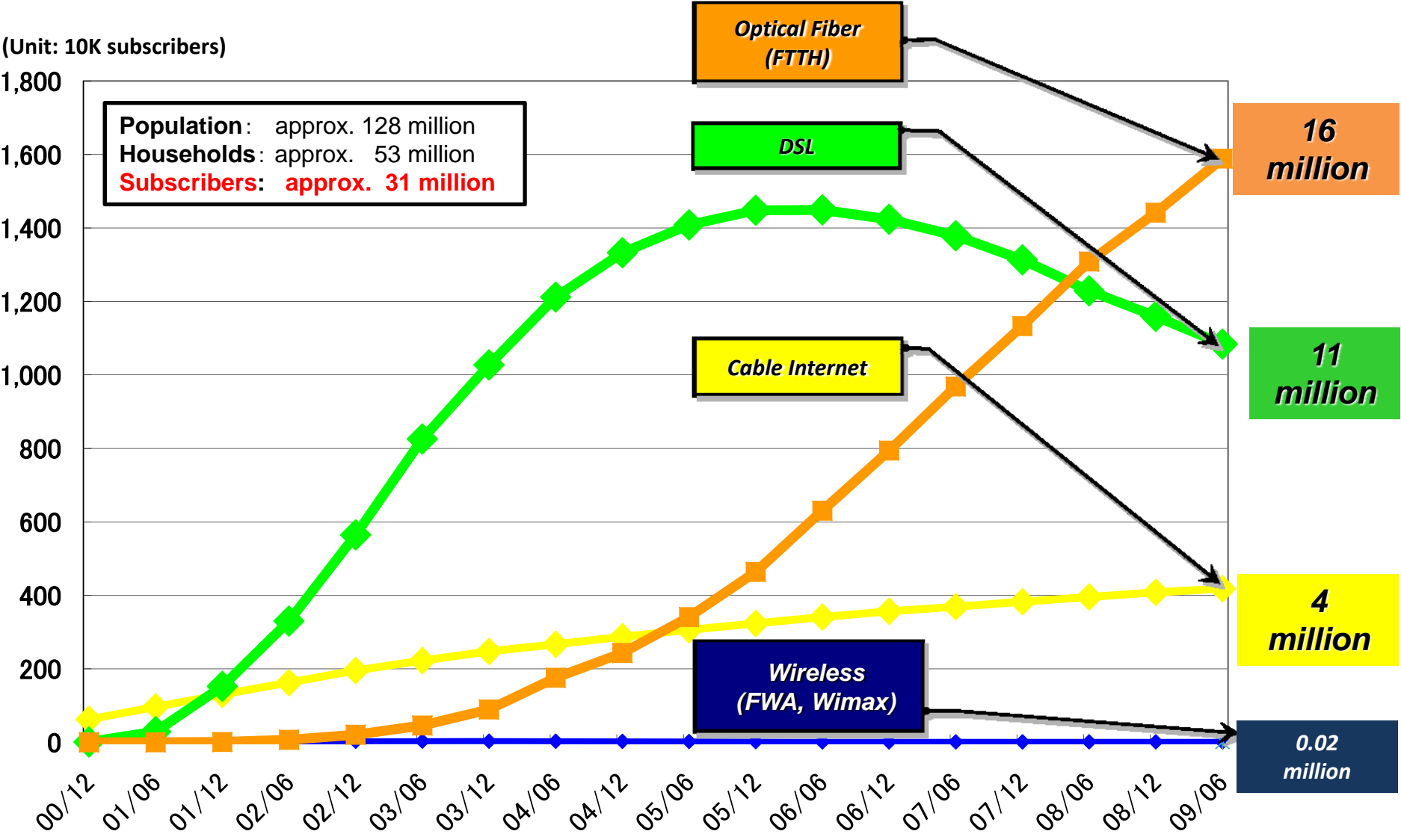


Current Status of Broadband (subscribers)

- Total number of broadband subscribers is about 31 million.
- More than 50% (about 16 million) are FTTH subscribers.

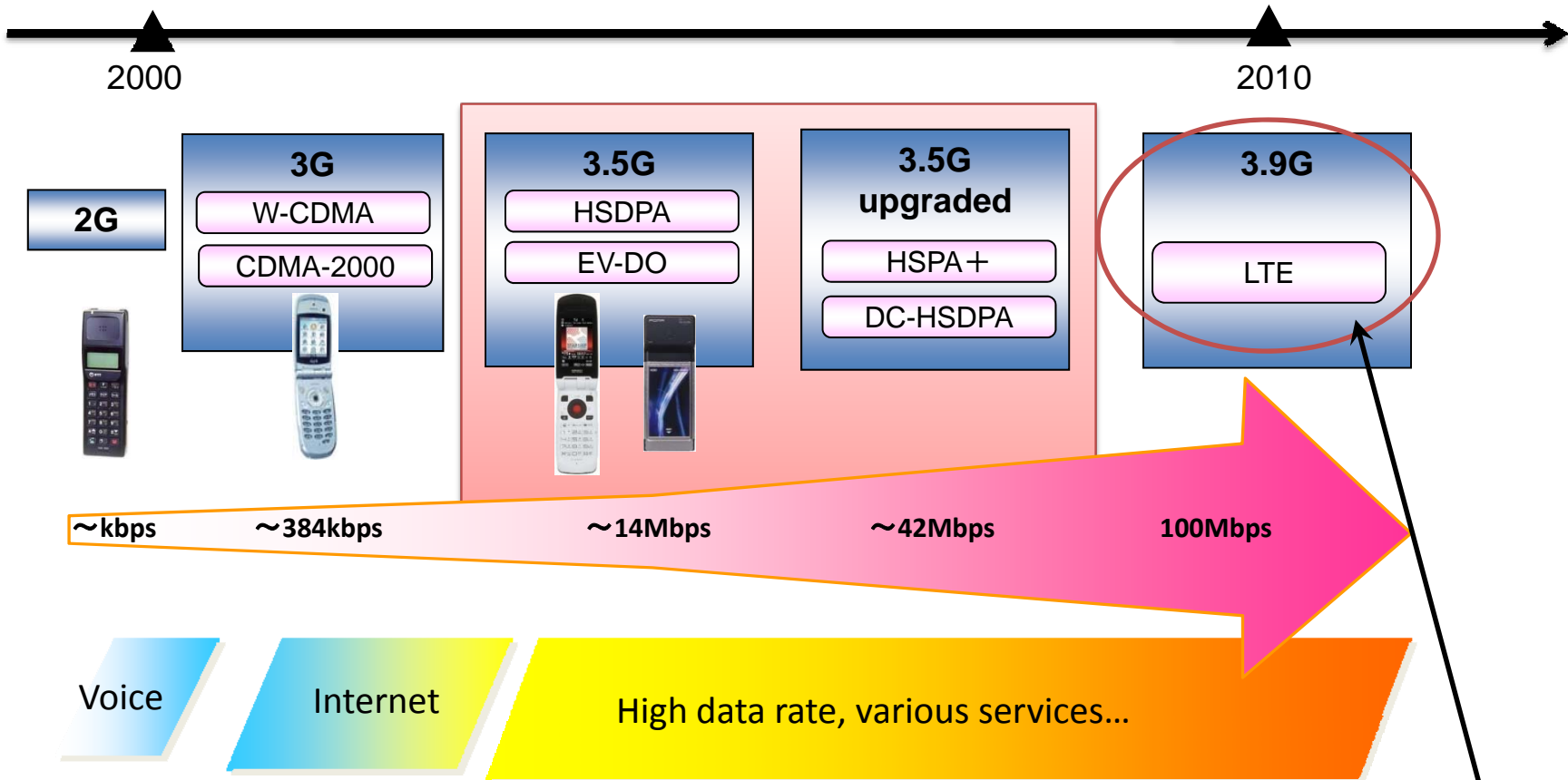
(Unit: 10K subscribers)

Population: approx. 128 million
Households: approx. 53 million
Subscribers: **approx. 31 million**



Mobile System Evolution

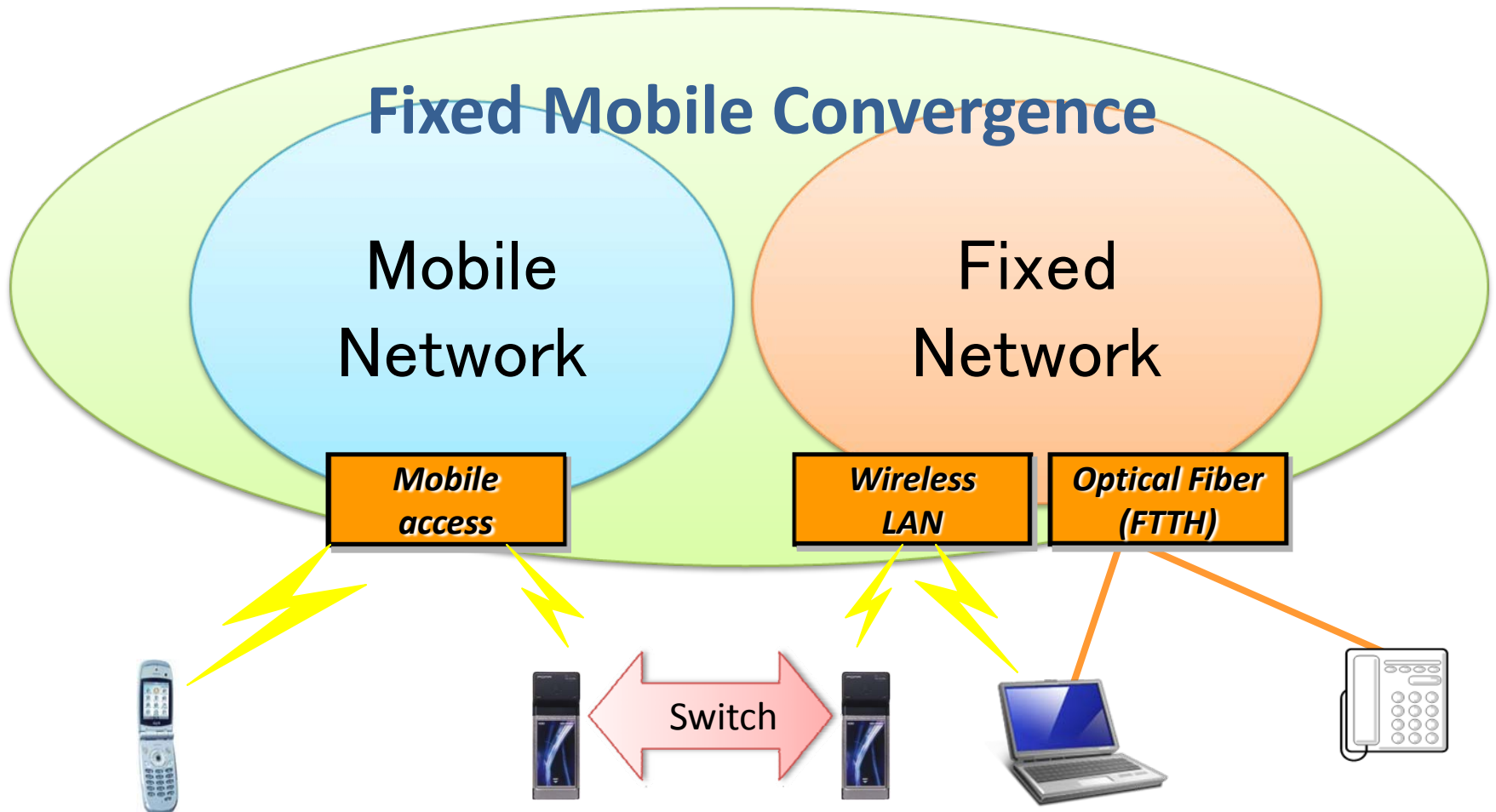
- 3.5-generation wireless access to broadband has also begun to spread among the people.
- 3.9-generation wireless access (Long Term Evolution) is expected to spread.



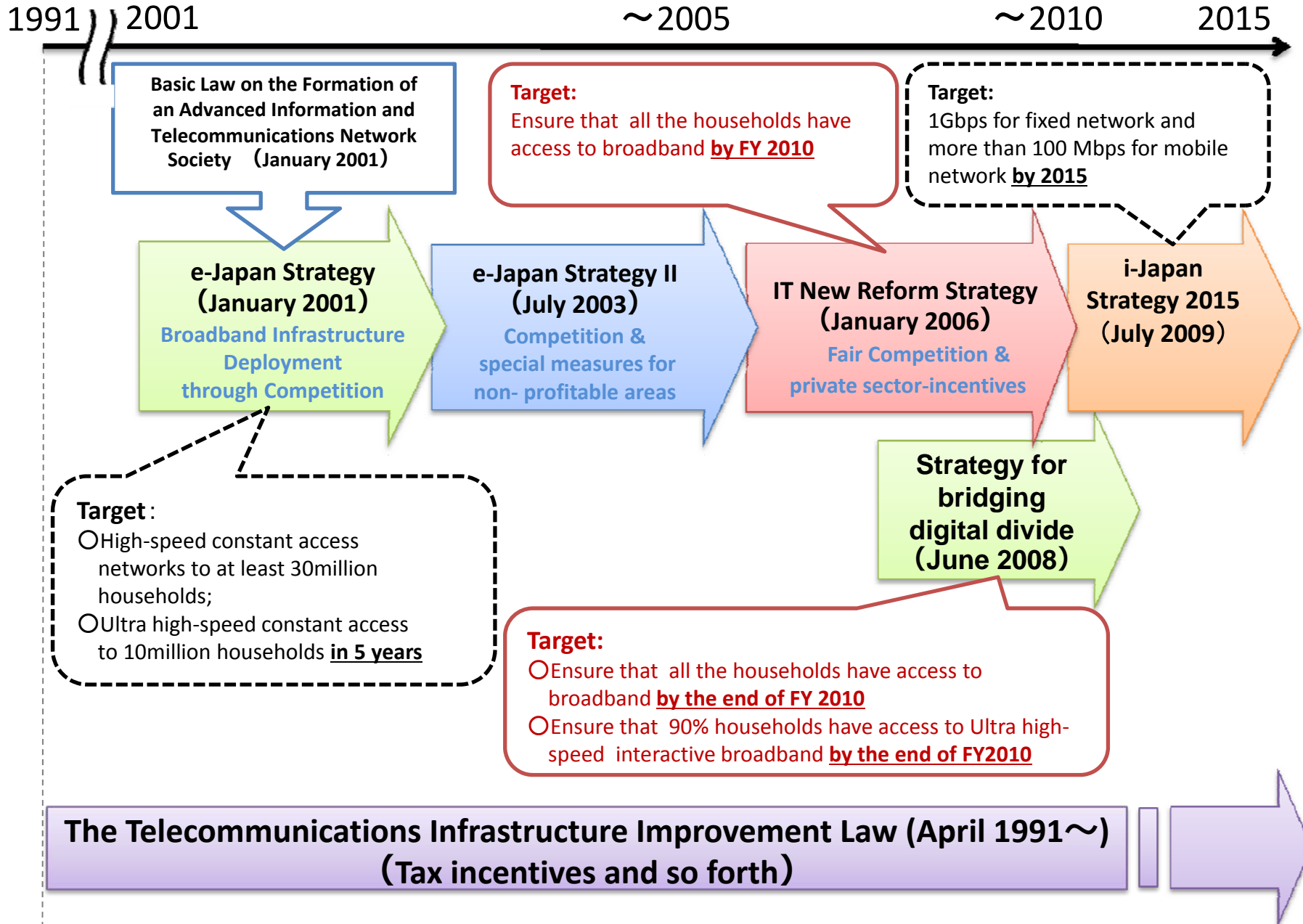
Approved Operators	Service Start
• NTT DoCoMo	2010~
• KDDI	2011~
• SoftBank Mobile	2012~
• EMOBILE	2010~

Fixed Mobile Convergence(FMC)

- Fixed Mobile Convergence(FMC), which enables seamless voice and data services between mobile and fixed networks.
- FMC users can switch to fixed network in the home and office, and switch to mobile networks outside.



Policy targets on broadband deployment



- The areas where broadband service is unavailable (March 2009)

340 thousand households

cf. Total households: about 53 million

- Public Support Program for Local Governments

- In rural areas, the private sector has not invested much in broadband infrastructure as the return on such investment remains very low.
- The central government supports local governments installing broadband networks in such areas.

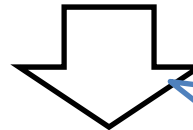
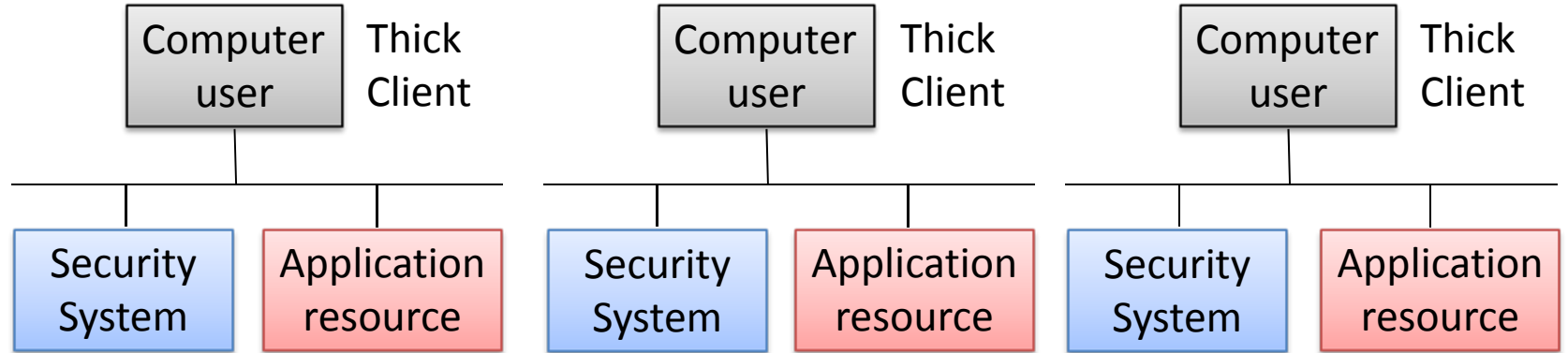


340 thousand households
will have access to broadband



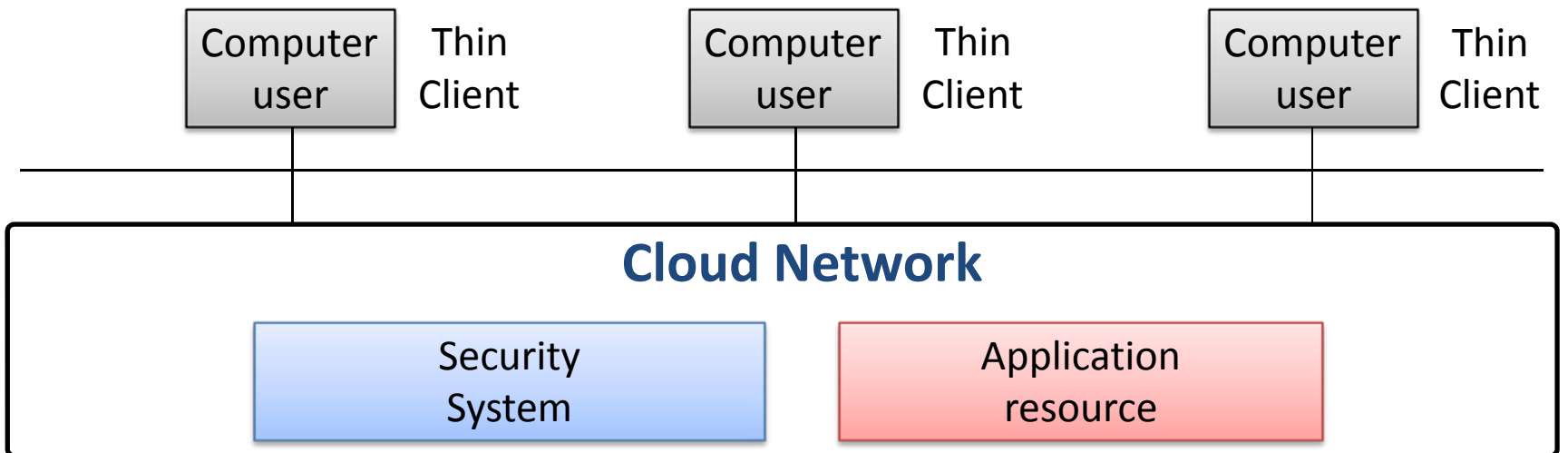
Broadband services will be made available to all the households before the end of FY 2010.

Thick Client



- Users can reduce their cost dramatically.
- Elderly people and so forth can utilize broadband more easily.

Thin Client + Cloud Computing



Thank You !



Ministry of Internal Affairs and Communications (“MIC”), Japan

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