

The background of the slide features a stylized, semi-transparent image of Mount Fuji. The mountain is depicted in shades of green and yellow, with a bright yellow peak, set against a light blue sky. The overall aesthetic is clean and professional.

# Recent progresses in social security card and e-P.O. Box

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## Updated ICT strategy

- “IT structure reform strategy; 2006” was updated and issued in April, 2009 in order to overcome worldwide economical crisis
- e-Government, healthcare and education are assigned to primary areas on which government investment will be focused for coming three years
- e-P.O. Box and social security card keep the first priority in the new strategy ← boosted up from the second to the top
- New ICT strategy consists of short (~2012) and middle (~2015) term parts

# Current status of e-Government

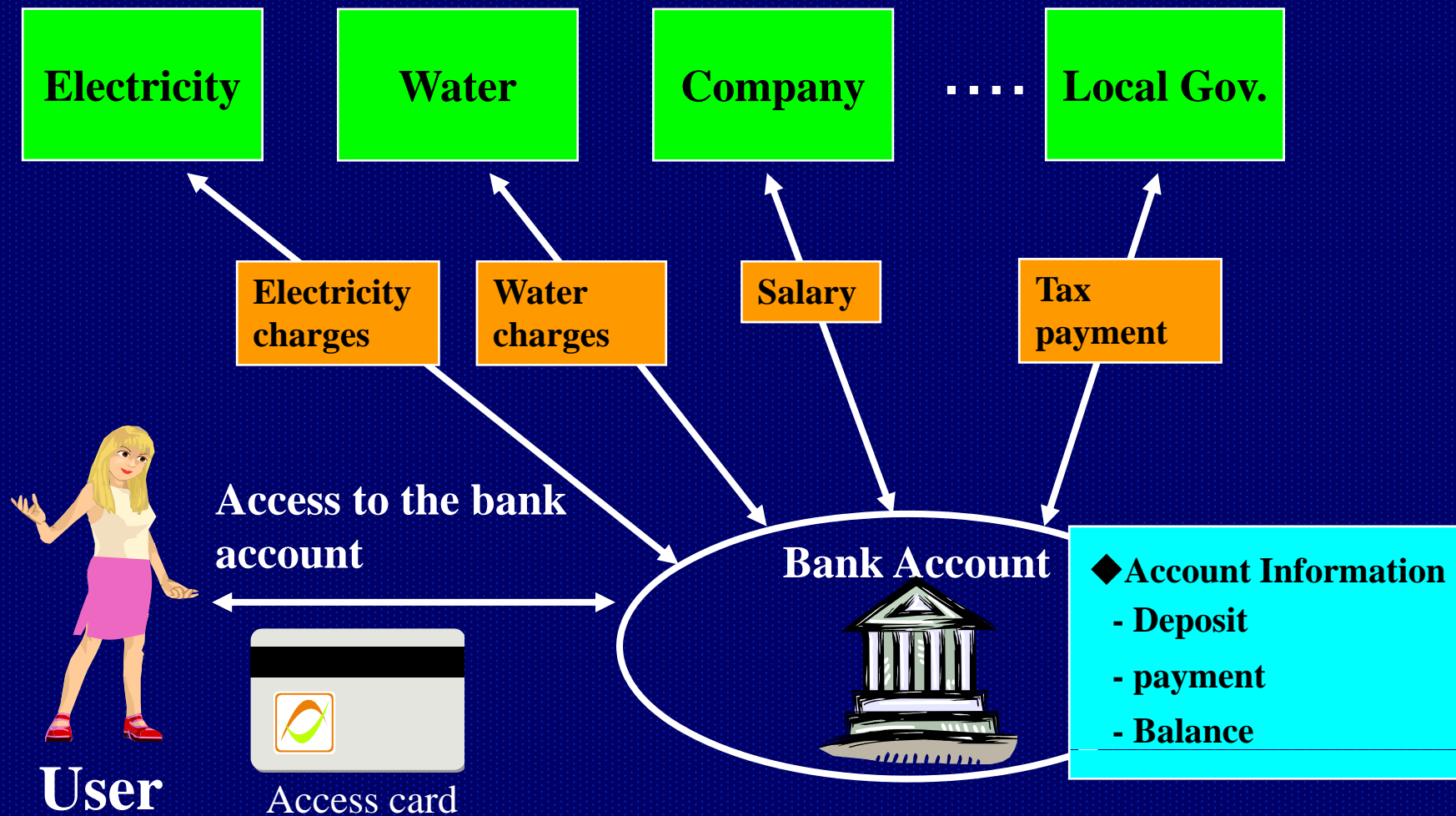
- Almost completed the construction stage of e-Government by the end of 2005FY
- More than 95% of applications and declarations are now on-line
- But, the ratio of on-line users is still less than 30%
- More than 50% on-line use is the target of 2010 stated in “IT structure reform strategy: 2006”
- In the short term plan of new ICT strategy it is clearly stated that for enhancement of security and convenience of e-Government e-P.O.box will be constructed as a new infrastructure

## e-P.O. Box

- Proposed in Dec., 2006 to the IT strategic headquarters
- Clearly stated in the Government priority plan; 2007 and 2008
- Cabinet office formed a planning team in 2007 and estimated cost reduction to be 460B yen/year when used in the social security and public service areas
- Strong demand for e-government boosted e-P.O. box up to the top priority in April 2009
- System design in 2009, feasibility test in 2010 and implementation of pilot system for 10M users in 2011

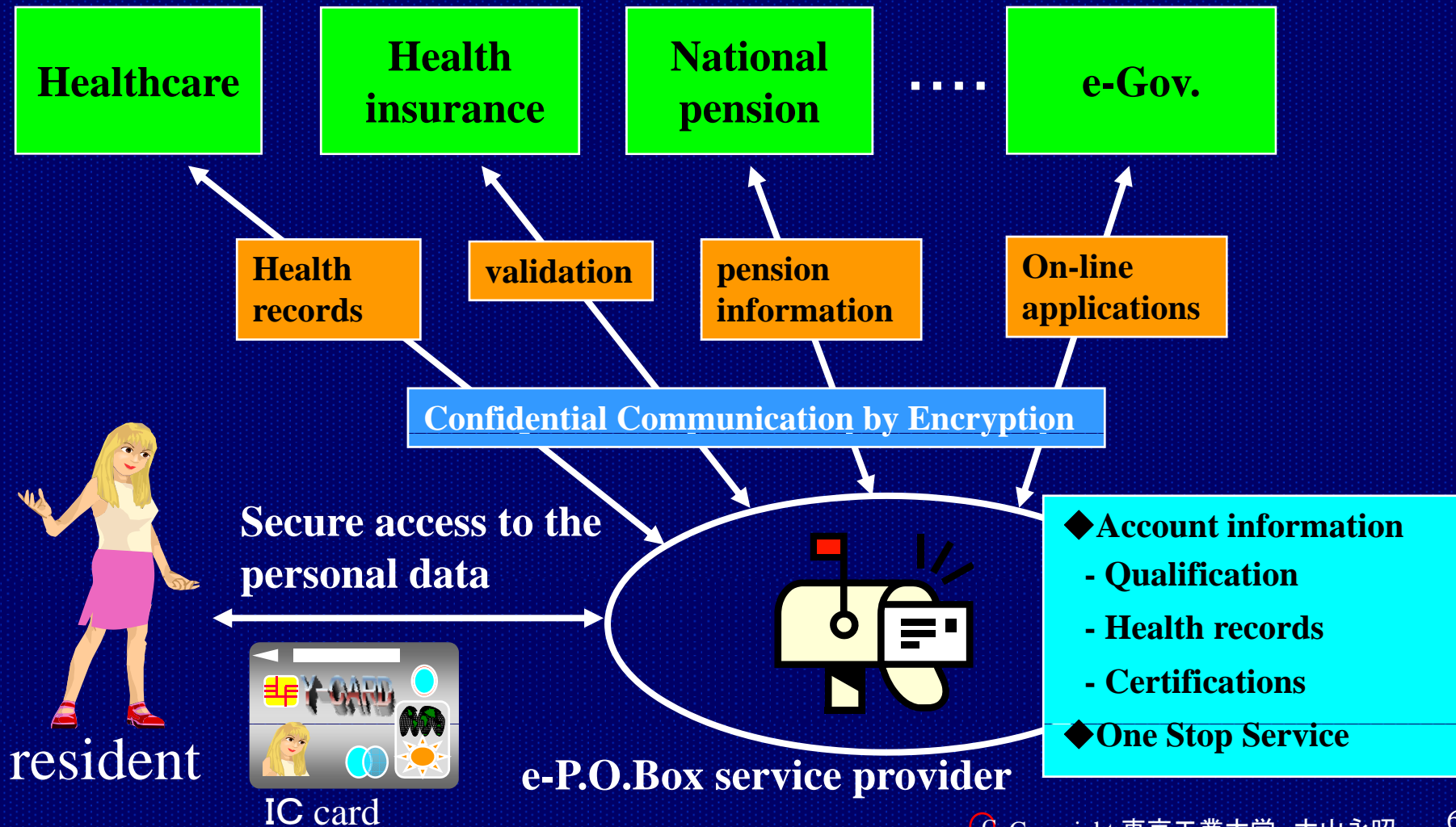
# Concept of Bank account

People control money flows through the bank account



# Concept of e-P.O.Box

People control personal information flows through the Box



# Basic concept of e-P.O.Box

- Bank account is used for the control of money flow
- e-P.O.Box is used for the control of personal information flow
- Key issues for social acceptance
  - Service provider should be socially trusted
  - Connection to the back offices is completely under user's control
  - Account information could be securely checked by the user at anytime
- e-P.O.Box supports bilateral communication, validation check of digital signature, navigation/concierge services in order to enhance the convenience of e-government and public services while keeping high security

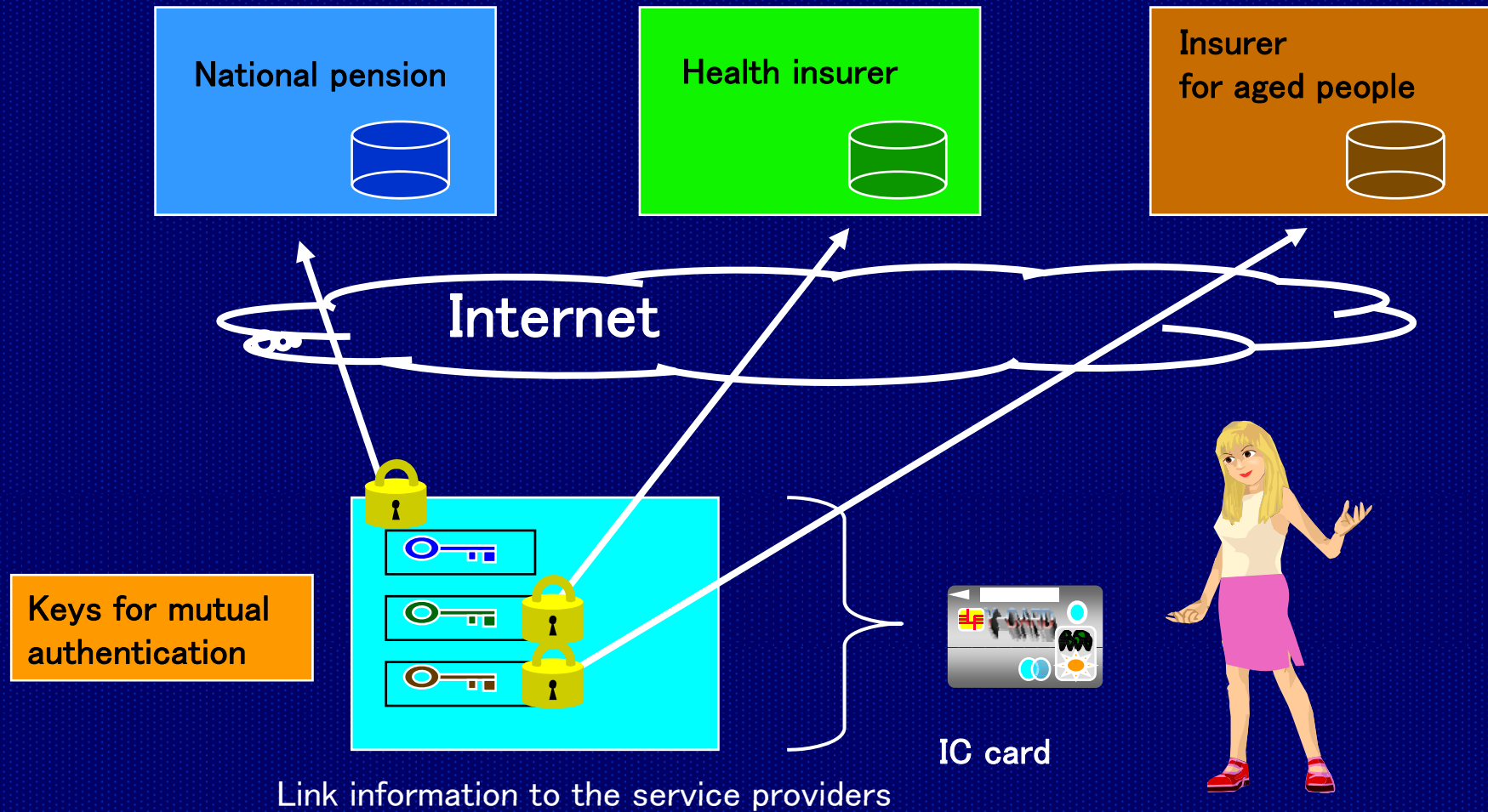
# Social security card

- The government party's commitment made in July, 2007
- Every resident in Japan will have social security card
- This card will be used for national pension, health insurance and insurance for aged people → **110 M cards**
- Secure network services to check the status of national pension; records of payments
- Check the validity of insurances of the card holder
- Card will be issued from the first quarter of 2012
- Discussion papers were issued three times
- Feasibility field test will be carried out in 8 local areas

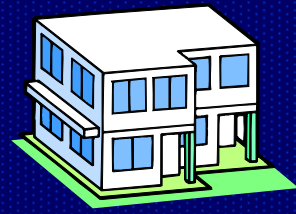
# Resident registration card for e-Gov.

- Resident registration law was revised in Aug., 1999
  - Res. reg. card was launched to issue in Aug., 2003
- This card is issued on request of residents
- The total number of issued RR Cards is about 3 M much less than we expected since Aug., 2003, 5 years
- Public digital signature service (personal authentication) is not yet popularized (1.2M)
- This card is desired to support social security services → One card for e-Gov. and SS services

# Personal information link by IC card



# Personal information link by DB



Health insurer



insurant table

<health insurance>	
Number for insurant	Name, address etc.
a1	*****
a2	Nagaaki OHYAMA
ax	□□□□□□



national pension



insurant table

<national pension>	
Number for insurant	Name, address etc.
b 1	○○○○○○
b 2	△△△△△△
b 1 0 0	Nagaaki OHYAMA



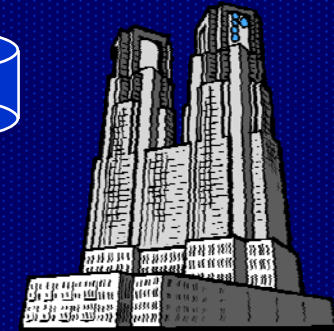
insurer for aged people



insurant table

Insurance for aged people	
Number for insurant	Name, address etc.
c 1	Nagaaki OHYAMA
c 2	xxxxxxx
c n	???????

## DB used for link

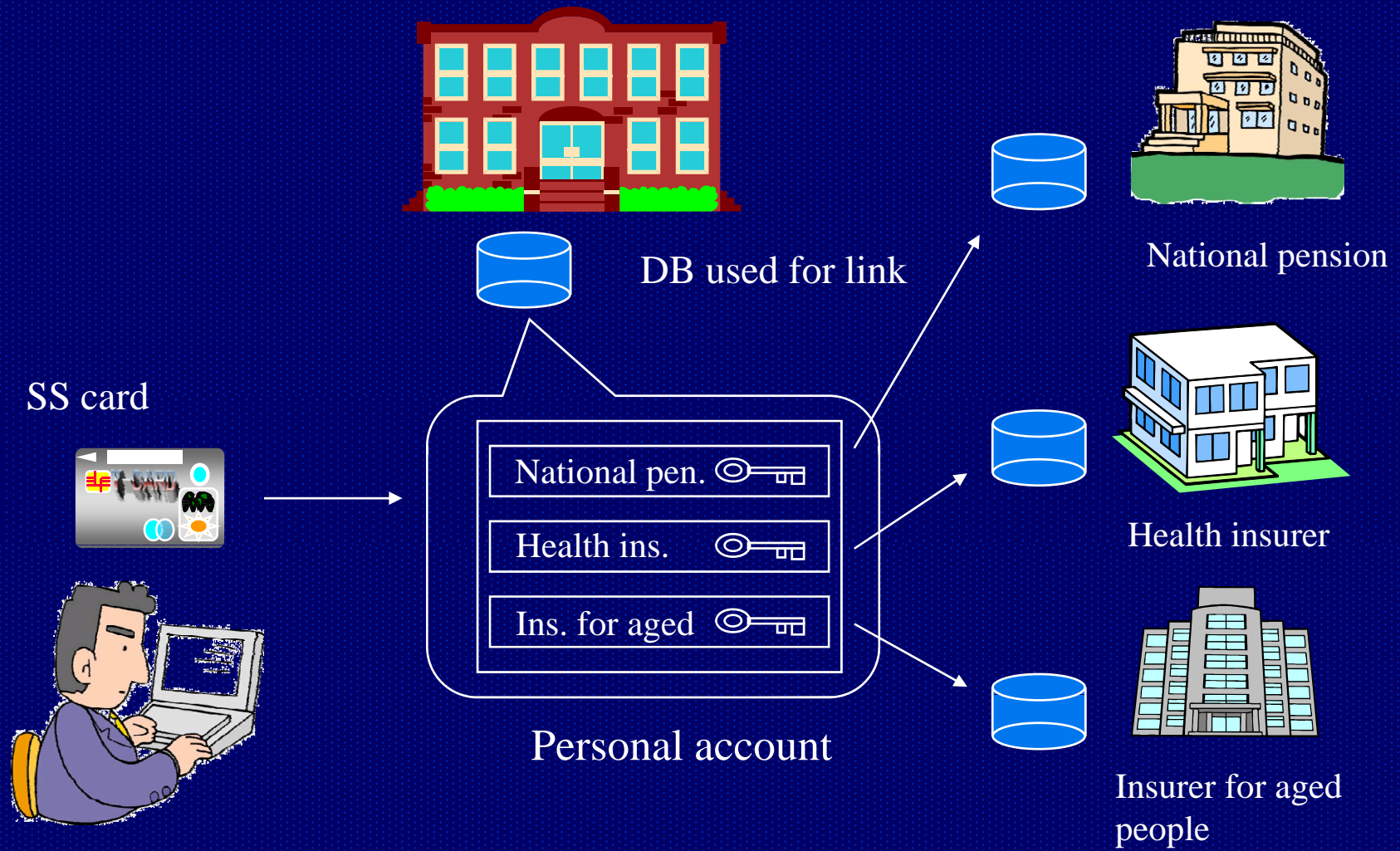


<Nagaaki OHYAMA+#>

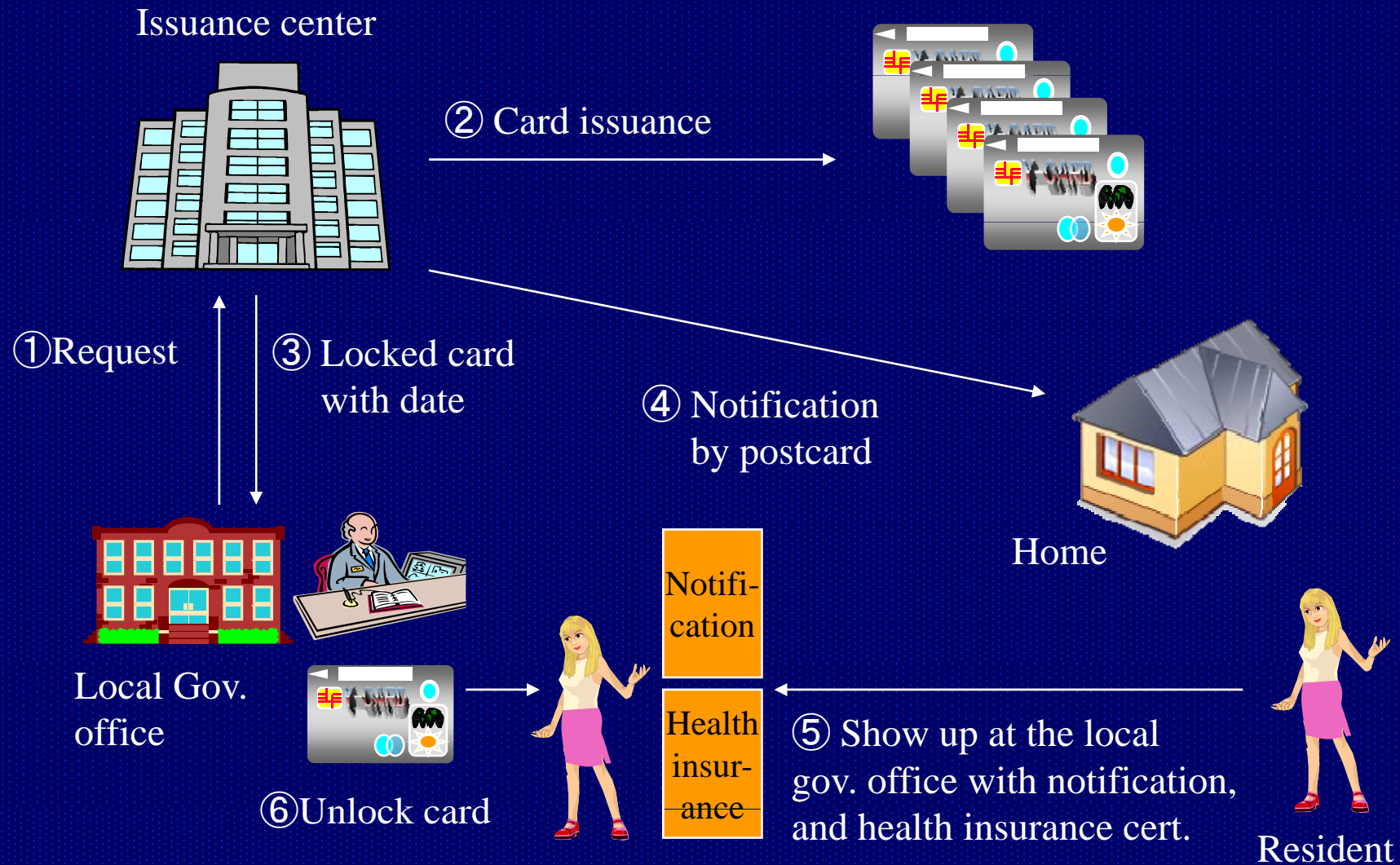
Application	Personal number
Health insurance	a2
National pension	b100
Ins. for aged	c1

Personal account  
→ e-P.O.Box

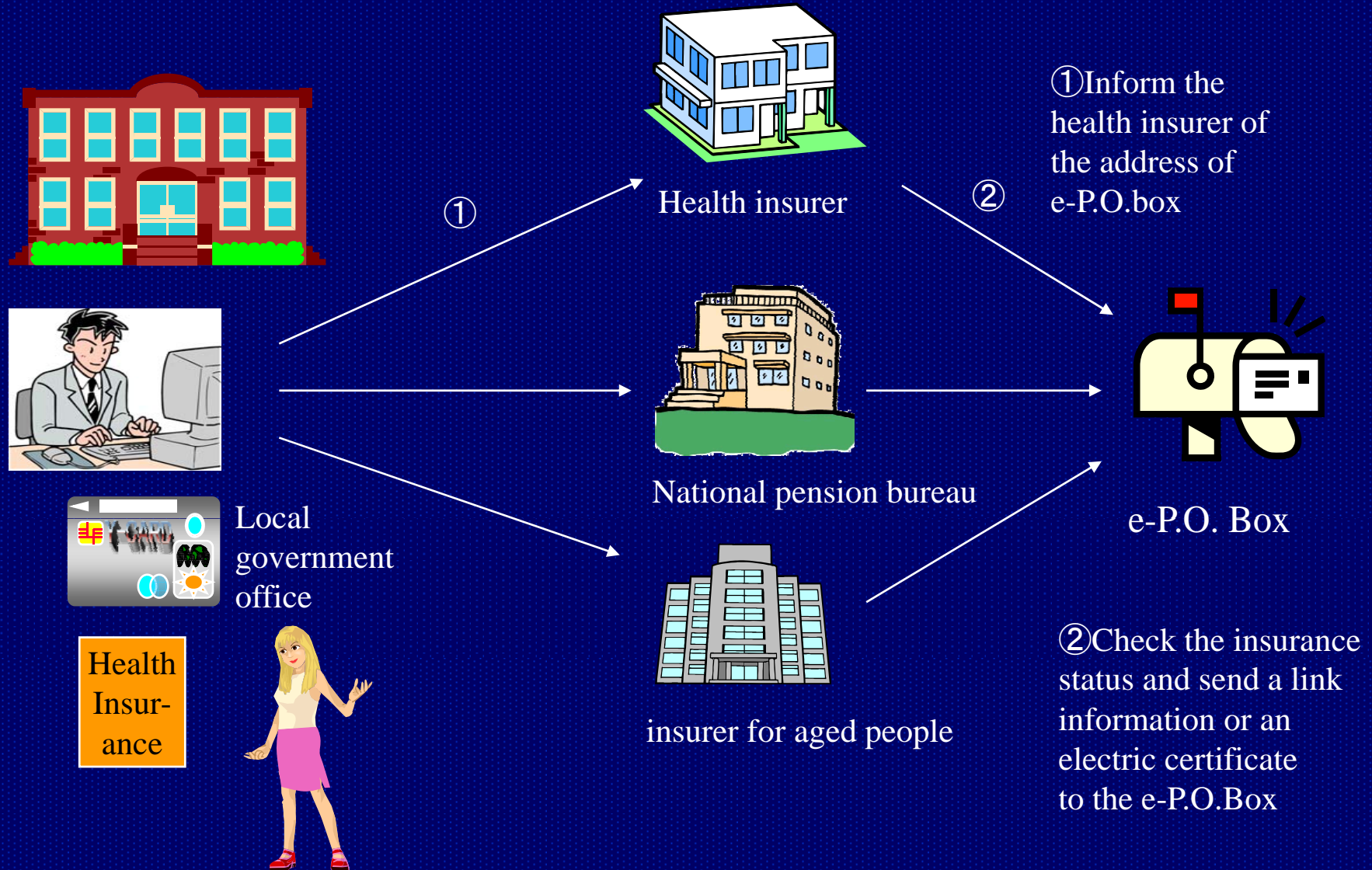
# DB for personal information link designed for SS card



# Issuance procedure under plan



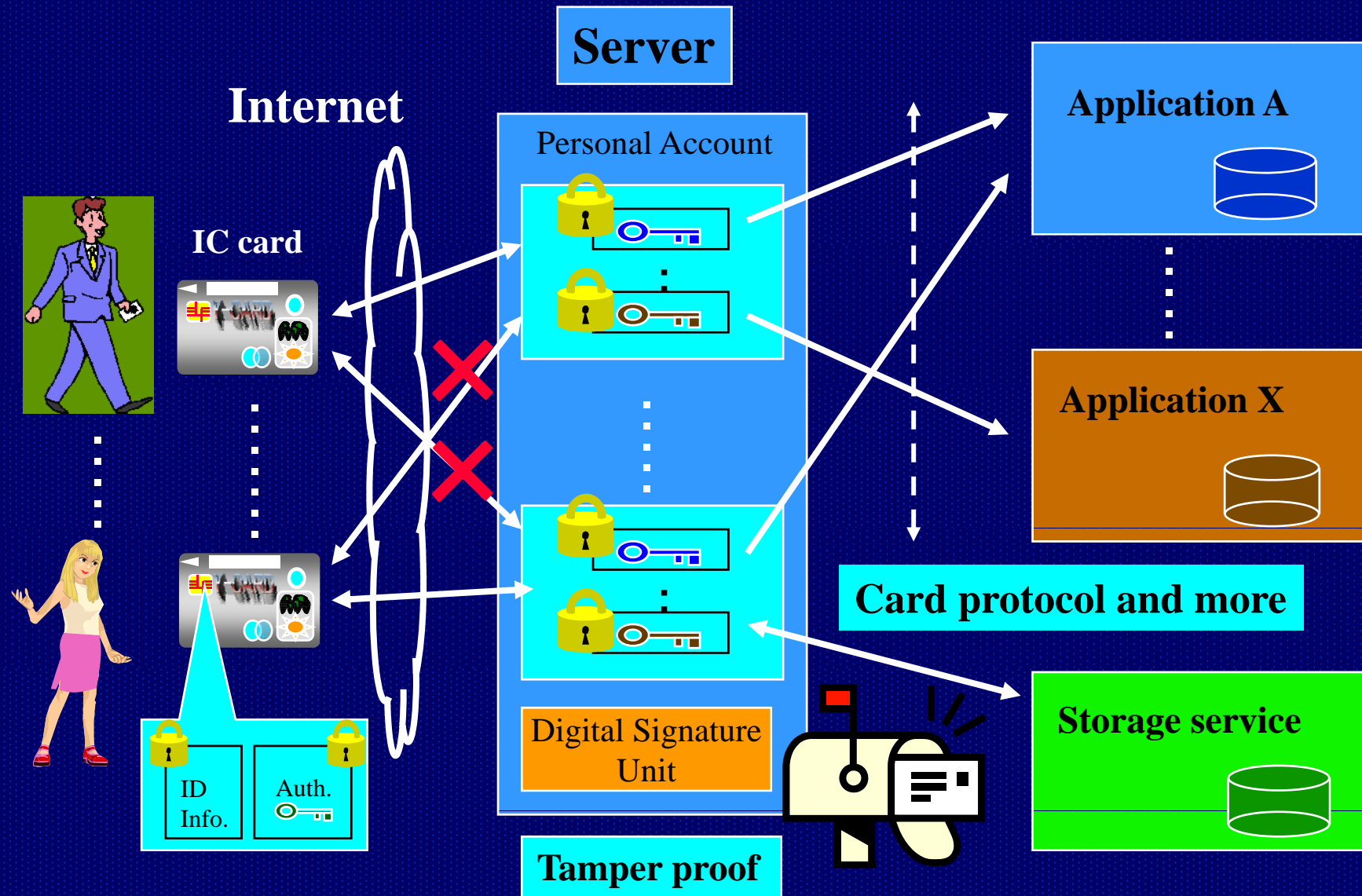
# How to link the personal information



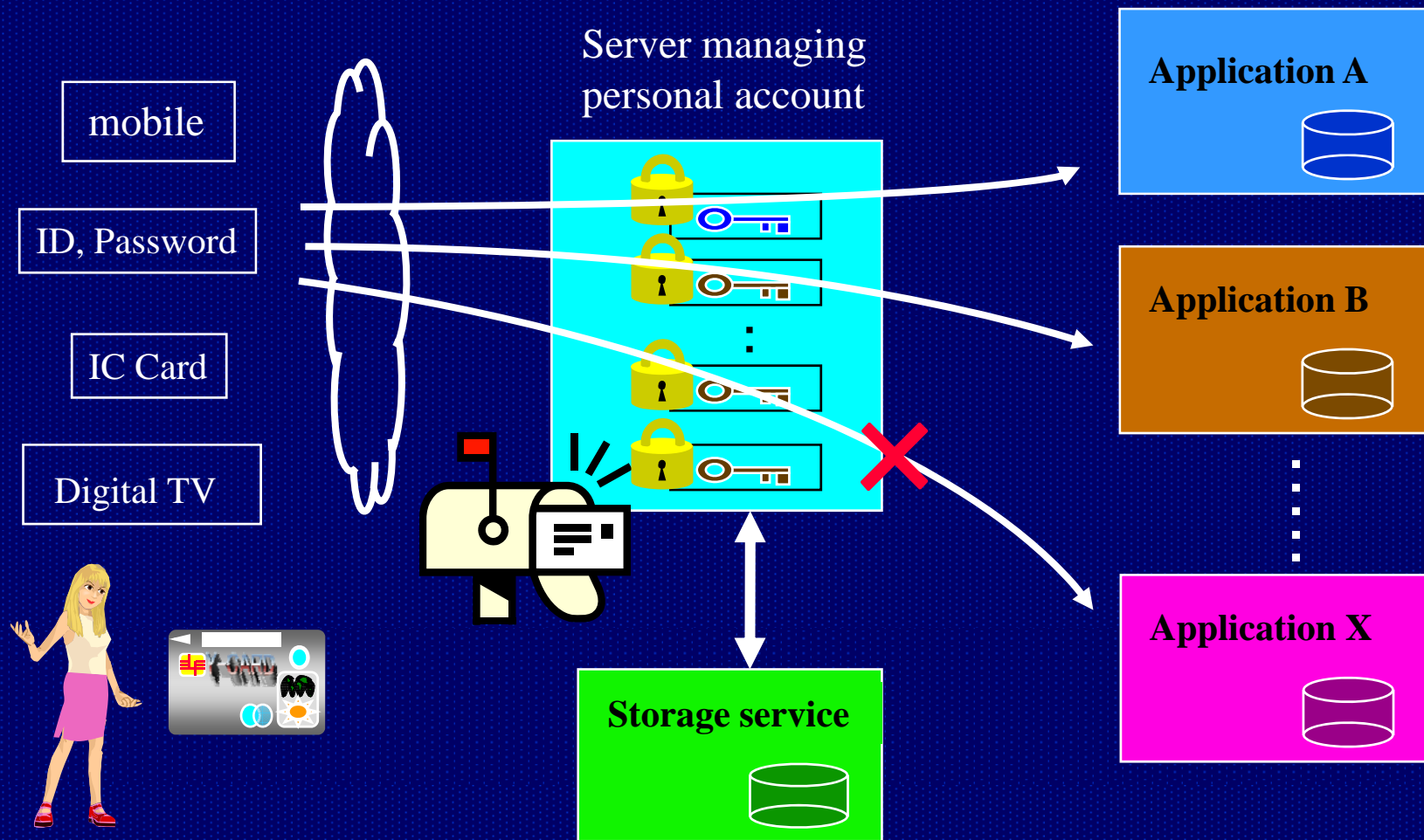
# New IC card technology

- Back ground
  - SS card is required to support social security services; national pension, health insurance, insurance for aged people
  - Need to enhance convenience while keeping security level
- New generation multi-purpose IC card system
  - To enhance the system flexibility, RR card basically has 2 functions
  - One for on-site service at the government office (original service of RR card)
  - The other is PKI for personal authentication, which enables card holder to make a secure access to the personal account
  - This personal account is logically united with the IC card to realize a multi-purpose card → All service models of multi-application card could be easily and flexibly realized

# New Generation multi-purpose IC card

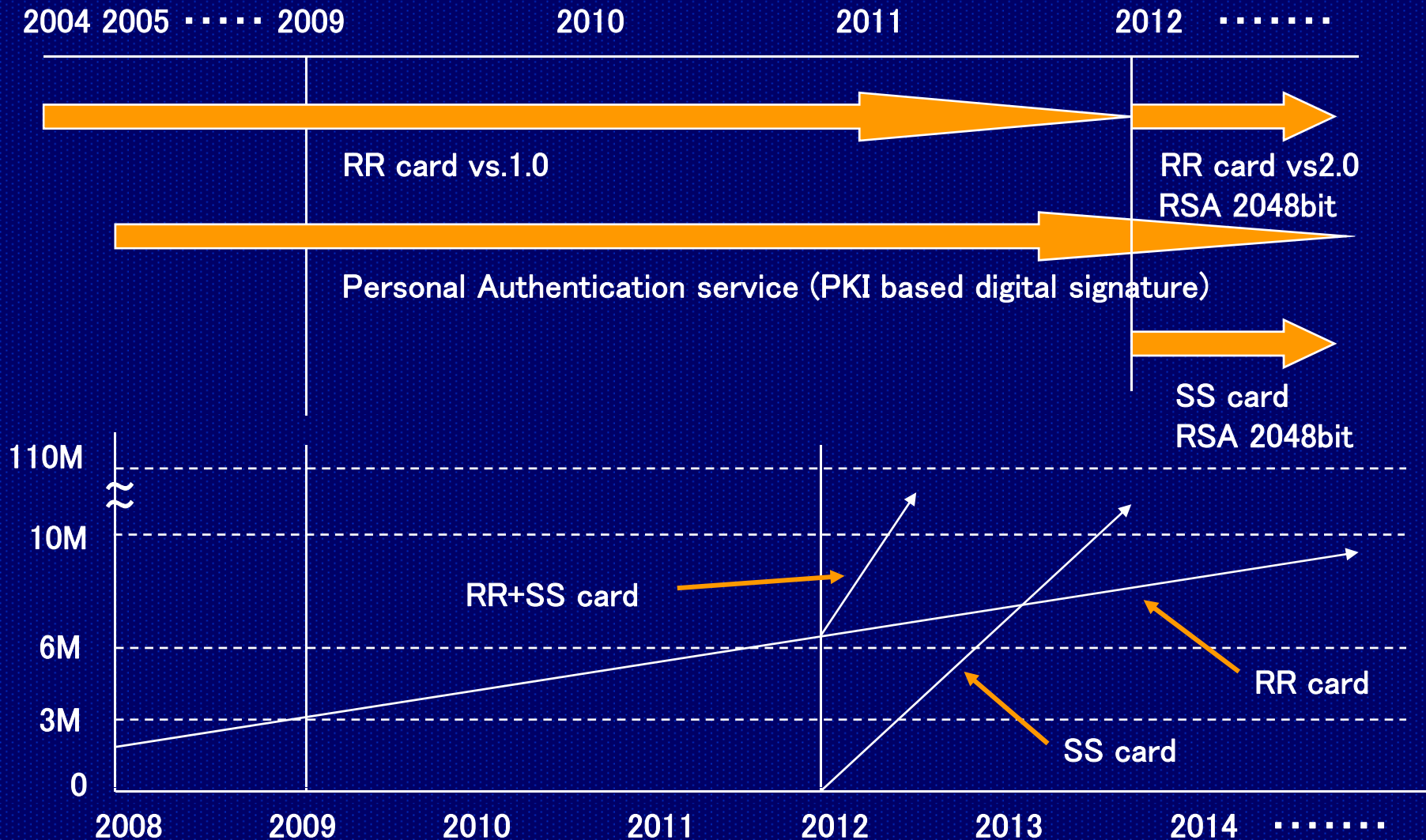


# Access control through personal account



- The server could support different access schemes: ID + password, , token, IC card etc
- The server opens or blocks the secure access pass to the application subject to its policy

# Card Issuance plan



# Summary

- e-P.O.Box will be launched in a practical use from 2012FY
- Life events such as employment, retirement and graduation, drive a navigation of administrative procedures and/or concierge services supported by e-P.O. Box. → secure and convenient
- e-P.O. box for private company is also under discussion
- Connection of e-P.O. boxes realizes a logically secure domain over internet, because it avoids false name
- Specification of new IC card will be prepared for an open tender hopefully by the end of 2009FY