

Feasibility study of my number card

NICSS: Next generation IC card System Study group

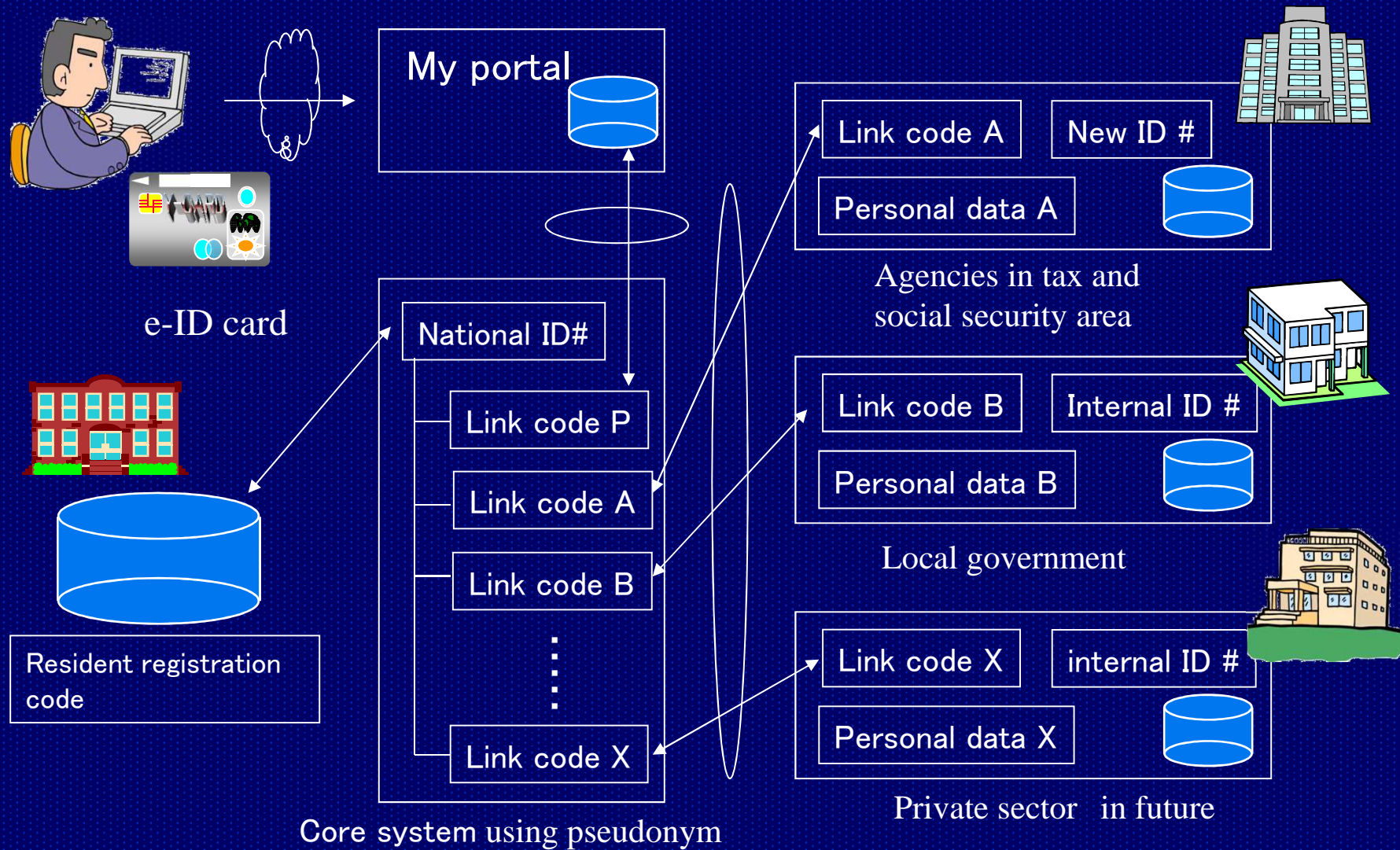
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My number ACT

- The new regulation (My number act) was approved by the parliament on 24th of May, 2013
- Based on this act, every resident in Japan will receive his/her personal number on 1st of Oct., 2015 by mail; notification of personal number
- The new ID number can be used only in the tax and social security areas; every money flow excluding health information
- New ID card will be issued from 1st of Jan., 2016
- Link system and my number card will be available from 2016

Schematic diagram of link system : personal basis



My number card under preparation

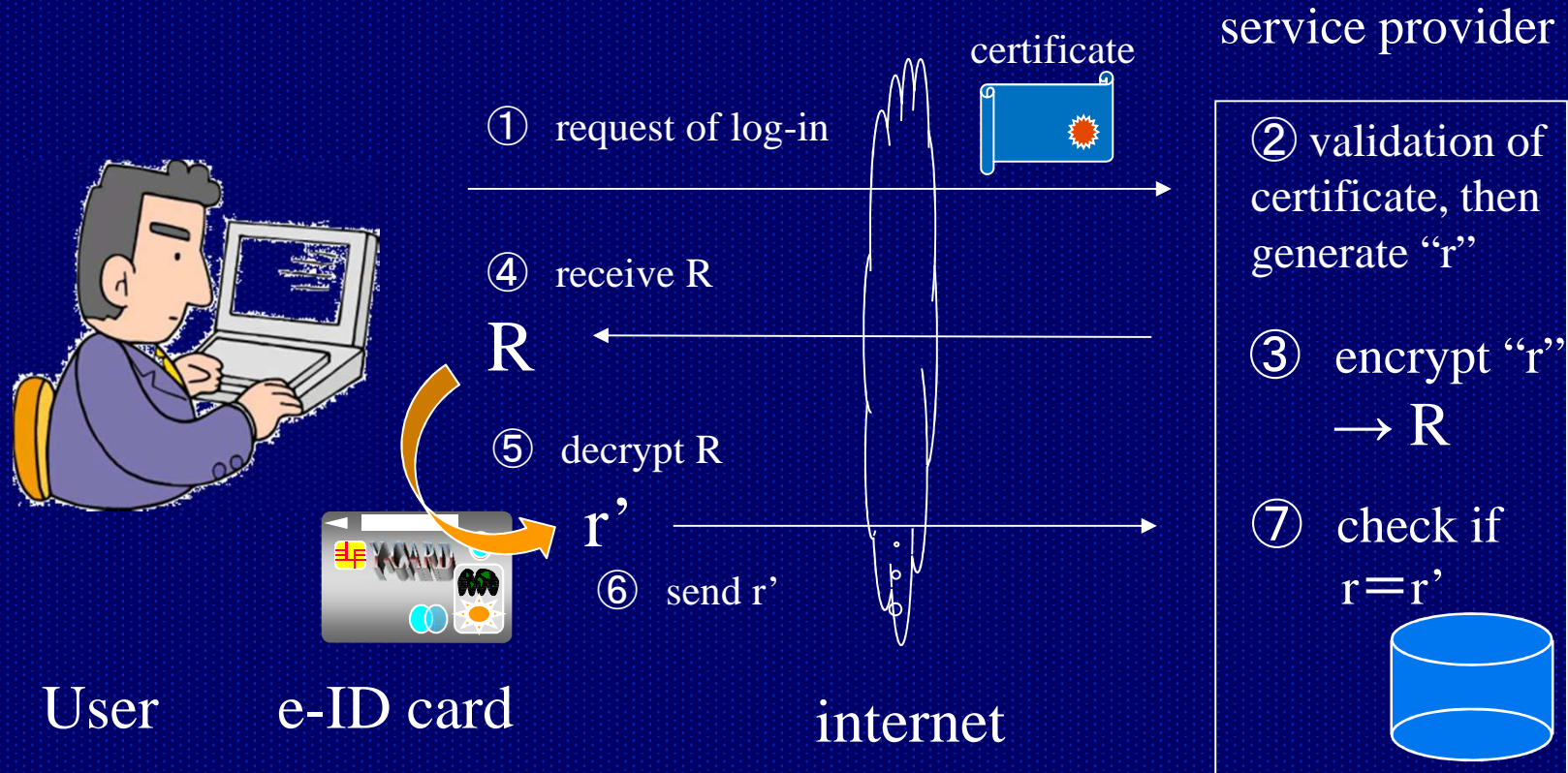
- My number card will be issued from 1st of Jan., 2016
- Together with my number act, resident registration and JPKI acts were revised and authorized simultaneously
- Revised JPKI act will come into reality on 1st of Jan., 2016
- My number card will support both digital signature (non-repudiation) and personal authentication services
- My number card will have facial photo
- My number is printed on the backside of the card with copy protection

My number card under preparation

- Replacement of the resident registration card
- Certificate of authentication service does not include 4 personal information
- My number card will be issued on request → up to 130M
- CRL will be disclosed to **private sector under permission** of minister of MIC (ministry of internal affairs and communication)

Note; Current JPKI is limited to the public sector in order to avoid a potential depression of private business of PKI

Personal authentication service

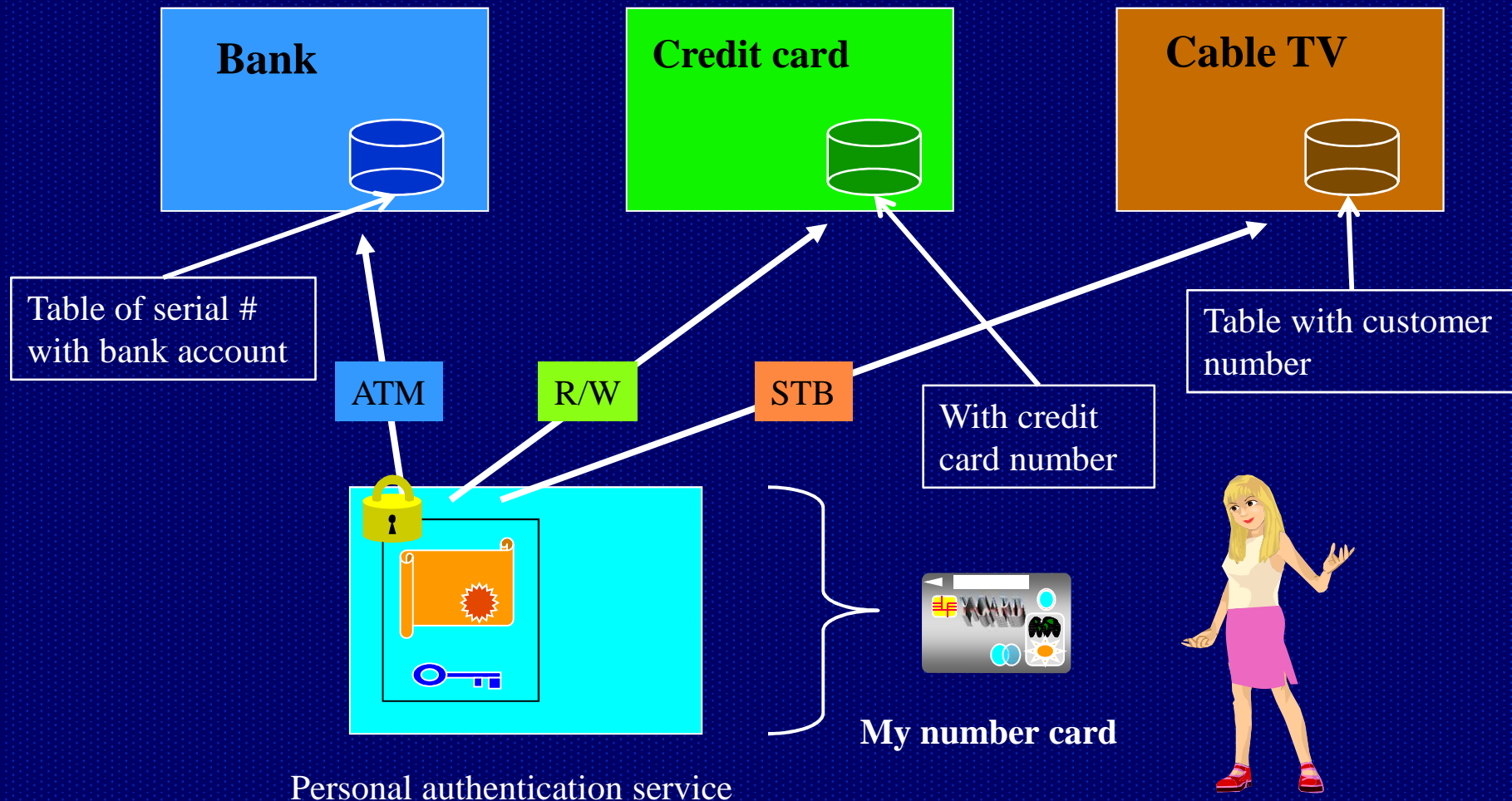


This certificate does not include 4 personal information

Enrichment of card services

- Services could be securely linked to my number card through the on-line authentication
 - Attributes such as license and qualification
 - Validation of the health insurance through linking to the insurers
 - Payment services under plan
 - Functions of debit card, internet banking card and credit card (secondary card), etc.
 - **Pin-less** scheme will be supported by my number card
 - Useful for micro payment just like sign-less
 - Statistics tells us that Monday morning, we have 15 M transactions for the validation of health insurance

Multi-application using my number card



Personal authentication service

Trials under preparation

- ① Log-in to my portal through cable TV at home
 - Checking the access logs of the personal information access through the link system
 - Portal of e-Gov. and social insurance including healthcare
 - Portal of private sector services such as Electronic Commerce
- ② Use cases away from home
 - Identification at bank and government offices, etc.
 - Issuance service of official documents at Kiosk
 - One card for healthcare and daily life in the near future

Promising use case

Useful scenario; going to see a doctor \Rightarrow health insurance, payment, e-prescription, etc.

- At present
 - Go to a hospital with an medical insurance certificate
 - Receive a paper-prescription and pay 30% of the medical fee by cash, credit or debit
 - Go to a pharmacy with prescription, pay 30% by cash, credit or debit and receive medicine
- In the near future
 - Go to a hospital with my number card
 - Prescription is up-loaded to the medical server and pay 30% by my number card
 - Go to a pharmacy, download the prescription and pay by my number card

We do not have to wait for long time at the hospital

Summary

- New ID number exclusively use in taxation and social security areas will be issued from 1st of Oct.,2015
- Resident registration card will be upgraded to my number card
- JPKI service will be expanded to the social security area as well as authorized private sector such as cable TV, bank etc.
- My number card will be issued from 1st of Jan., 2016
- My number card together with JPKI will support IAS (Identification, Authentication, Digital signature) to be fully functional e-ID in Japan
- Pin-less scheme will bring various convenience to us