

Korean National IDentification Card

2006.3.23.

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1. National ID Card Basic Concept

1) Enhancing privacy protection

- Minimization of data on ID card
- Some sensitive data are only stored on chip

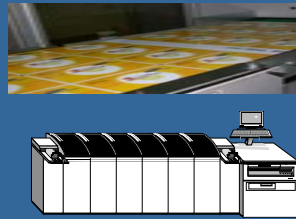
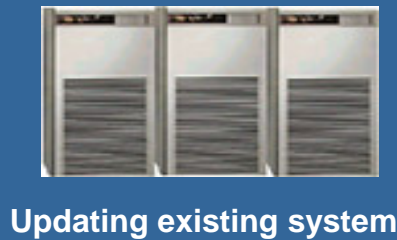
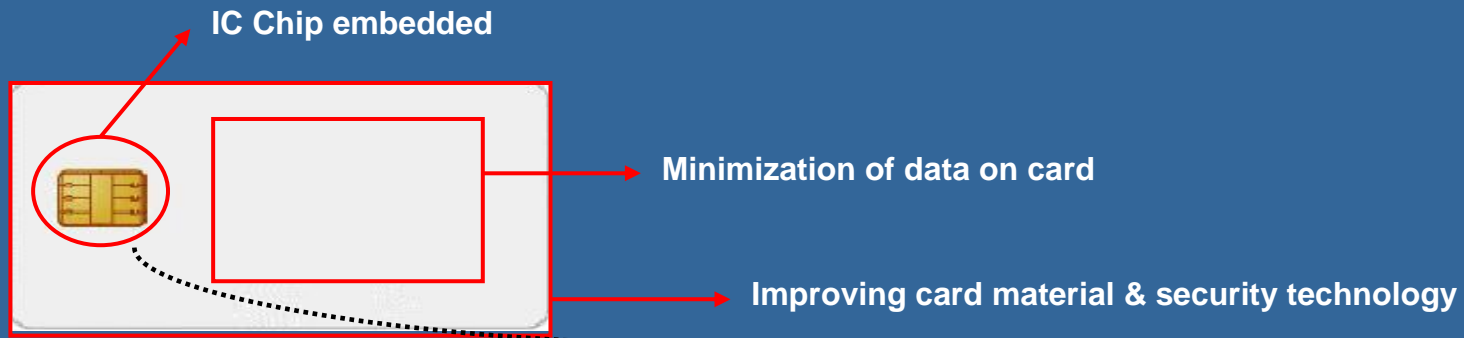
2) Improving benefits & possession value of ID card

- Providing reliable identification service on on/off-line
- Enabling easier and more convenient access to public services

3) Protecting citizens from identity fraud and theft

- Adopting highly secured technology proved in advanced countries
- Replacing “resident’s registration number” with ID card number on online

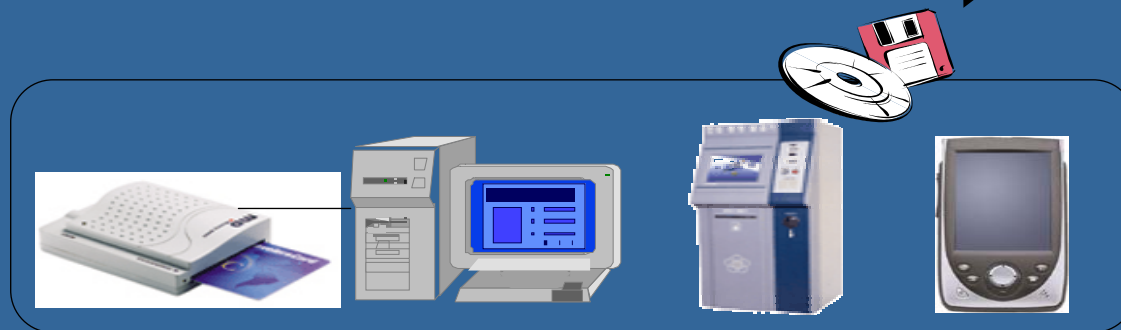
2. National ID Card System Configuration



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Expanding secured system



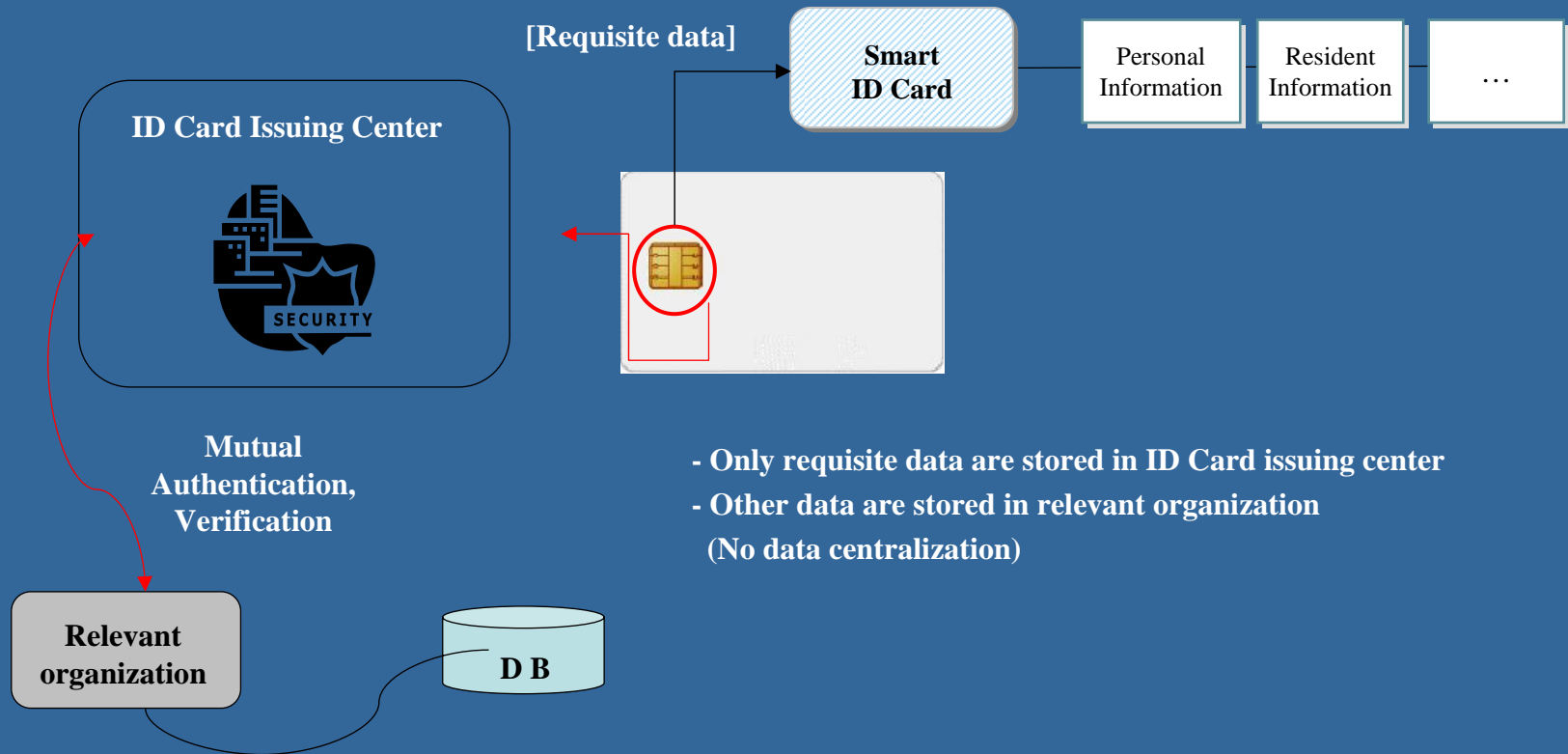
3. National ID Card Standard Specification v0.1

	Element	Content	Remark
Physical Characteristics and Data Structure	Material	Polycarbonate	- Global trend / Means to adopt highly secured technology
			- Strengthening durability of ID card
			- Material with strong resistance to environmental influences as well as mechanical, chemical and thermal stress
	Printing Technology	Laser Engraving ※ Photography in monochrome	- Global trend
			- Enhancing visual identification function & security features to combat forgery
	Front Side	Card title, Name , the date and the place of issuing	- Minimizing data on card for privacy protection
Back Side	ID Card Number	- Using ID card number rather than resident's registration number	
	Picking up guidance	- Prohibiting unauthorized parties from access the data in case of losses	
Logical Data Structure	Inside (IC Chip)	EF.COM	- services / Improving the value of ID card
		Data Group (adopted e-Passport Standard)	- Resident's Name and Registration Number, Address, Fingerprint, Photography, Certificate, etc.
		EF.SOD	- Enabling easier and more convenient access to e-government
Application	Linking	Other Beneficial Services	- Using at public information counter & e-government service
			- Providing new services linked relevant organizations

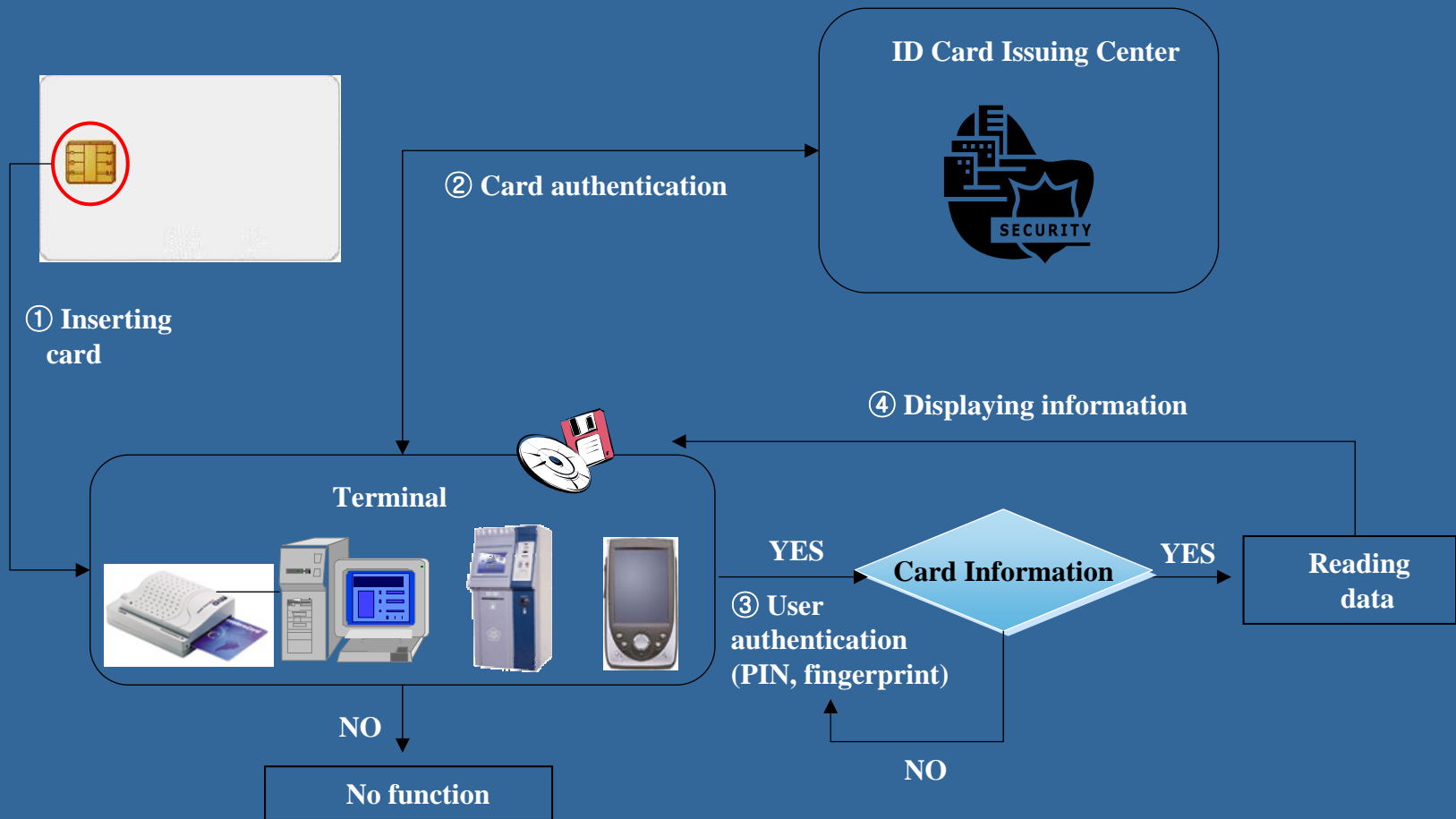
4. National ID Card Issuing Process

❑ Basic Principle

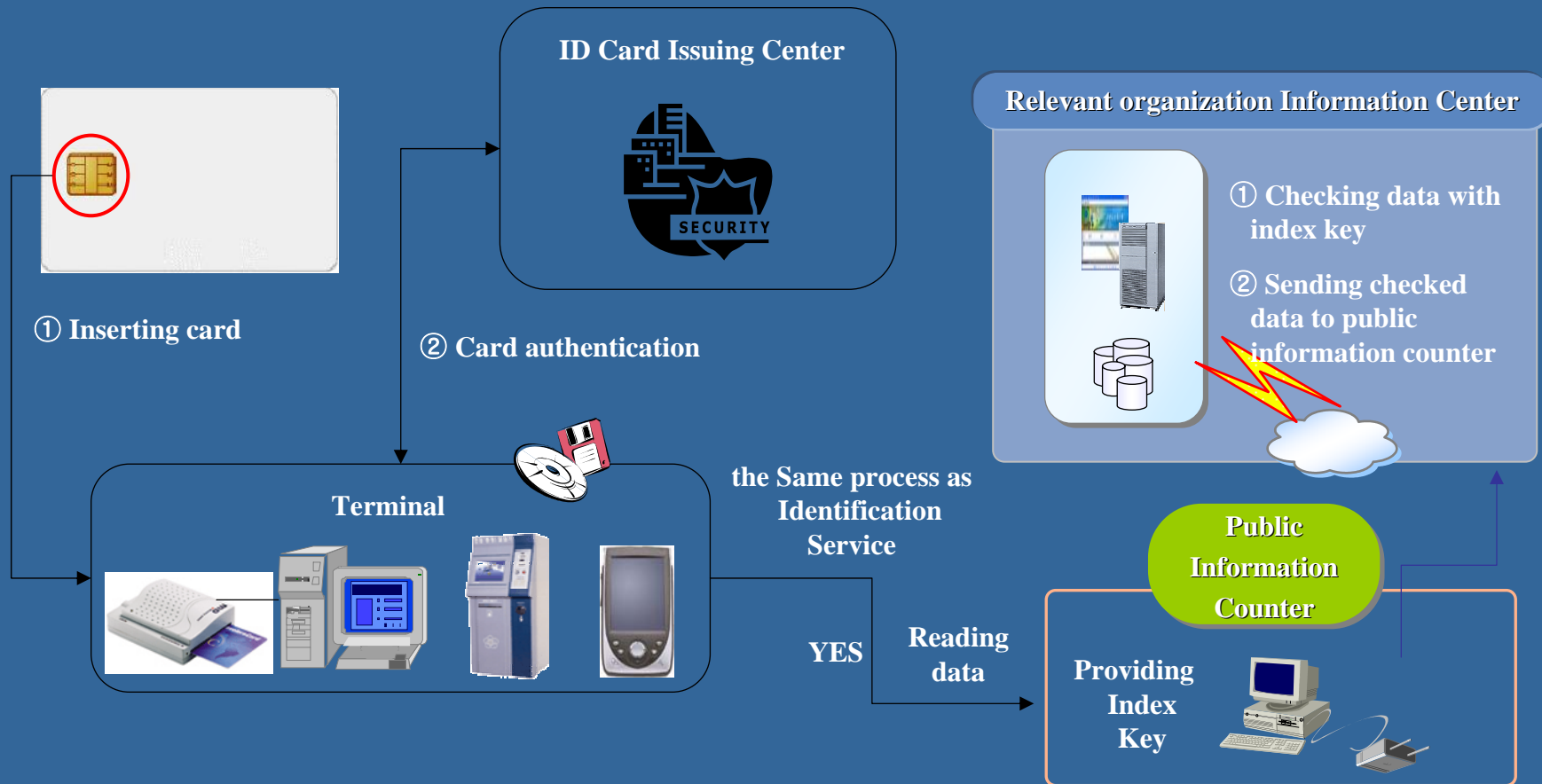
- ① Preventing data centralization
- ② Requiring policy consultation with relevant organizations for service vitalization



5. Identification/Verification Process



6. Information Linkage Process



※ the Way to provide Index Key

1. Sending relevant data among requisite providing information
2. Sending digital certificate information among requisite providing information
3. Sending relevant data among supplementary data by request of relevant organizations

7. National ID Card Service Plan

□ Based on identification, Providing a variety of beneficial services

		Contents
Step1	Basic Service On-off Line Identification	<ul style="list-style-type: none"> ▪ ID Card On-offline identification <ul style="list-style-type: none"> - Off-line identification : Visual Identification + Digital Identification (data in the chip + PIN, Biometrics & Fingerprint) - On-line identification using digital certificate ▪ Identification for issuing public documents at public organizations such as village offices ▪ e-government identification : issuing public document at e-government website
	Additional Service - Identification in private sector - Social Welfare Service	<ul style="list-style-type: none"> ▪ Library : Using ID Card for library services ▪ Shipping charge discount in island areas ▪ Identification when e-voting ▪ Health Care/Social Welfare service ▪ Complimentary services for the handicapped & aged (ex. subway free pass)
Step 2	Linking Service	Service linkage in public sector <ul style="list-style-type: none"> ▪ Providing services linked public sector <ul style="list-style-type: none"> - Driver's license, immigration card, foreigner registration card etc.
		Service linkage in public & private sector <ul style="list-style-type: none"> ▪ Applications provided by public organization, while services provided by private sector <ul style="list-style-type: none"> - Health insurance card, Cash receipt card, blood donor's card etc.
		Service linkage in private sector <ul style="list-style-type: none"> ▪ Providing services linked private sector <ul style="list-style-type: none"> - Transportation card, Banking Card (credit, cash, debit card included) etc

8. Expected effect of National ID Card Project

Main Subject	Expected effect
<input type="checkbox"/> Identification function on not only off-line but on-line - Adopting digital document (IC Card) - Issuing on-line certificate	<ul style="list-style-type: none"> • Enabling cardholders to enjoy high quality government services in a secured manner • Embedding digital certificate
<input type="checkbox"/> Minimization of data on card - Enhancing protection of privacy	<ul style="list-style-type: none"> • Preventing sensitive data exposure • Easing data centralization
<input type="checkbox"/> Enabling easier access to public services - Based on identification, providing services linked public organizations	<ul style="list-style-type: none"> • Benefits for local residents, the aged and handicapped, etc. • Other conveniences are under consideration
<input type="checkbox"/> Providing means to expand beneficial services - Encouraging the development of more online applications in the information age	<ul style="list-style-type: none"> • Obliterating the need to carry a separate card • Enjoying a variety of applications according to cardholder's choice
<input type="checkbox"/> Introducing highly secured technology - Improving printing technology - Adopting various security technologies	<ul style="list-style-type: none"> • Protecting citizens from ID fraud • preventing lost or stolen ID card from being altered or used by other people

Thank you for
your attention.

Q&A