

# *Korean e-government service in cadastral domain*

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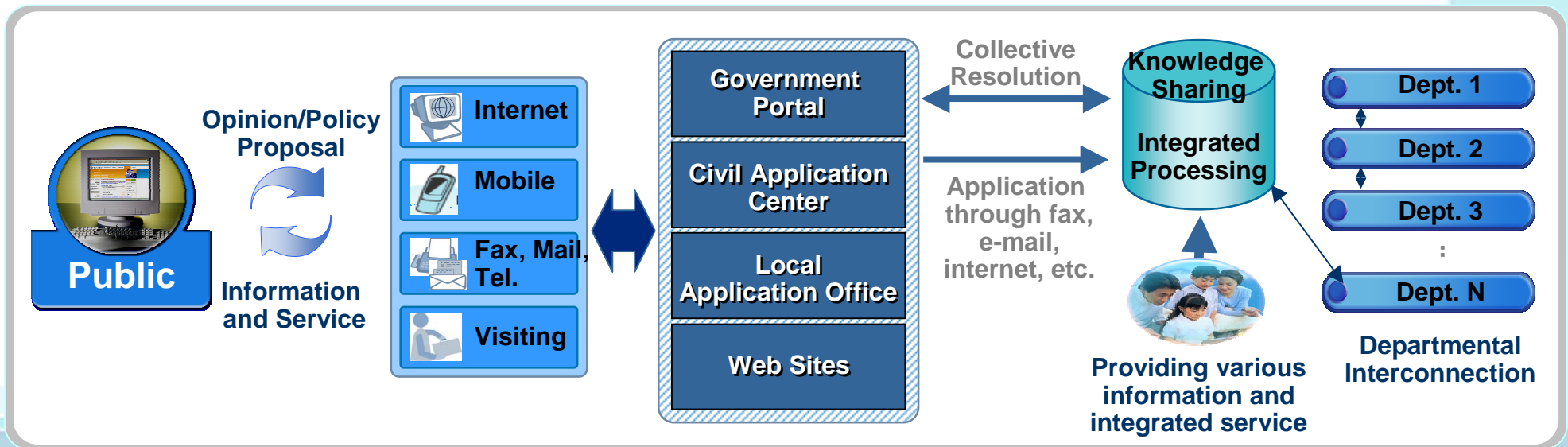


# I . Introduction of Korean e-Government



# Korean e-Government Vision

## *World Best Open e-Government*



# Korean e-Government direction

## ADMINISTRATIVE PROCEDURE REFORM

Paper document  
Departmental procedure

- Electronic document
- Service flow-based procedure

## CIVIL SERVICES REFORM

Departmental visit  
Face-to-face process  
Limited participation

- Single Window
- No visit but online handling
- Expanded online participation

## INFORMATION RESOURCE MANAGEMENT REFORM

Departmental,  
functional management  
Departmental standard

- Government-wide integrated management
- Common standard and interoperability



# e-Government Service Category

## E-Government services in Korea

Category	Projects
<b>Front office (G2C, G2B)</b>	<ul style="list-style-type: none"><li>• <b>Government for Citizens System (G4C)</b></li><li>• <b>Home Tax Service (HTS)</b></li><li>• <b>Social Insurance Information Sharing System (SIIS)</b></li><li>• <b>e-Procurement System (GePS)</b></li></ul>
<b>Back office (G2G)</b>	<ul style="list-style-type: none"><li>• <b>National Financial Information System (NAFIS)</b></li><li>• <b>Personnel Policy Support System (PPSS)</b></li><li>• <b>National Education Information System (NEIS)</b></li><li>• <b>Local Government Information Network System (LGINS)</b></li></ul>
<b>E-Government Infrastructure</b>	<ul style="list-style-type: none"><li>• <b>e-Approval &amp; e-Document</b></li><li>• <b>e-Signature &amp; e-Seal System</b></li><li>• <b>Consolidated Information Resources</b></li></ul>



# Online Civil Service(G4C)

G4C : Government For(4) Citizen

## 1. Front Office Services

- Number of documents and visits have decreased through online civil service
  - Online processing of civil information inquiry, petition & application, document inquiry and issuance



### Online civil information inquiry and application

- Inquiry service is provided with 5,000 kinds of civil information
- Business registration, tax payment and its certificates, factory registration are processed online and will be gradually expanded from 500 kinds in 2005 to 700 kinds in 2007.

### Online inquiry and issuance of documents

- Civil documents are provided online for reading as well as issued online and will also be expanded gradually:

- Inquiry : 22 kinds in '05 → 40 kinds in '07
- issuance : 20 kinds in '05 → 40 kinds in '07

# Administrative Information Sharing System

## 2. Back Office Systems

 [www.share.go.kr](http://www.share.go.kr)

➔ Increase public convenience in obtaining verification documents by sharing administrative information

- Since late 2002, 20 types of administrative information concerning five areas (resident, real estate, automobile, corporate and tax)



➔ Promotes real-time availability of necessary information through information sharing between central and local governments( provincial, city/districts).

- Facilitating links with 21 types of information in city/district government and 18 areas in provincial government of information





# Information Network Village

## 3. Reducing the Digital Divide

 [www.invil.org](http://www.invil.org)

*Project designed to establish a new unit of IT-based local communities in order to lessen the digital divide between cities and agricultural villages*

➔ To close the digital divide and promote balanced development by building an Internet network in regions deprived of IT benefits, such as agricultural or fishing villages, and by supplying PCs, providing training to residents and selling local specialties online.

□ **Project accomplishments (Sept. '01 ~ Feb. '06) : 280 villages, 66% PC penetration, 60% subscription of high speed Internet, 3 person per household IT training.**

*Global model of closing the digital divide between regions*

➔ Recognized by UNDP, OECD & ADB as benchmarking program for developing countries

➔ Many countries, including Finland, China and Vietnam, have visited for benchmarking

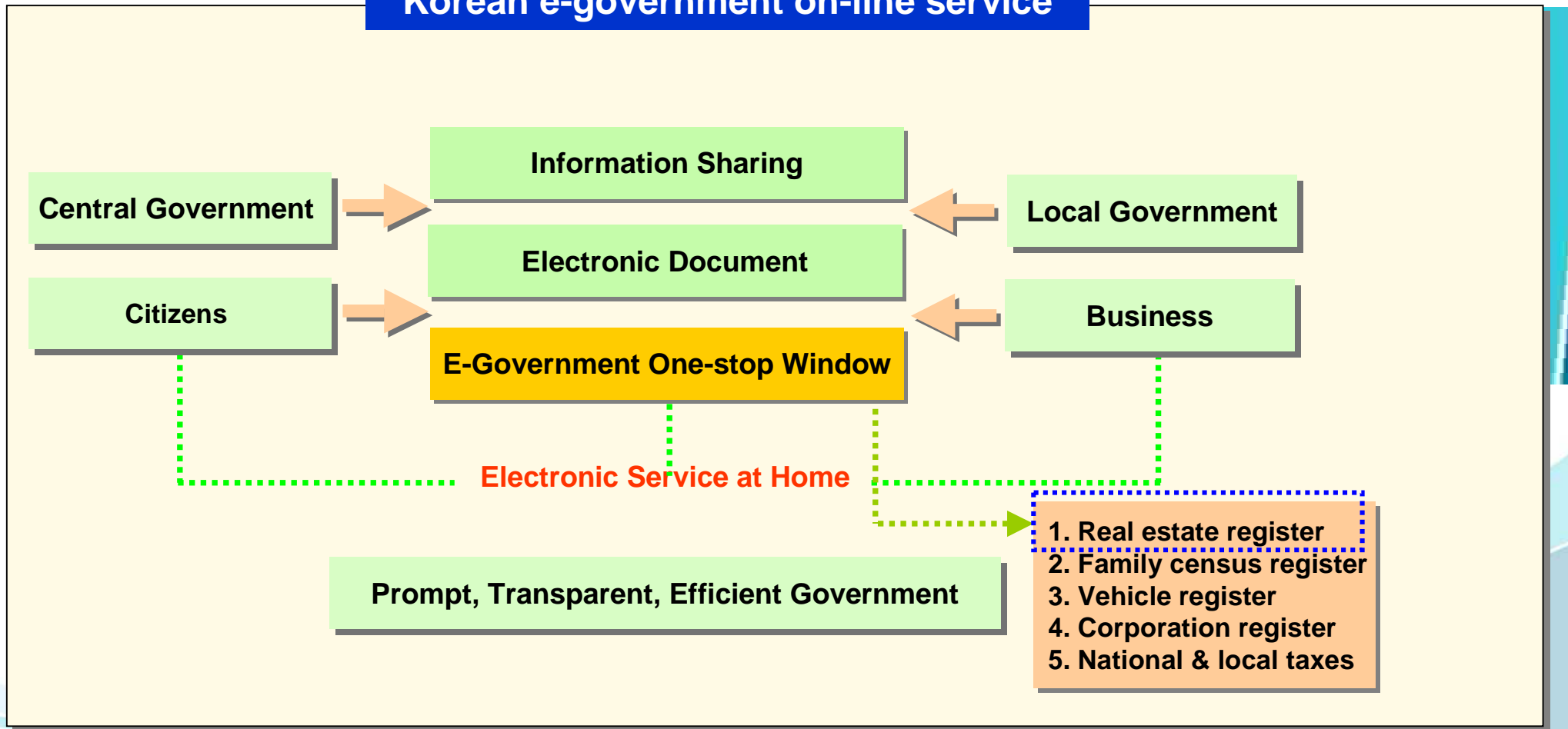
➔ Signed an MOU with Intel for support for the IT Village project (Nov. '04)



## **II E-Government Service in cadastral domain**

# Korean e-Government service in cadastral domain

## Korean e-government on-line service



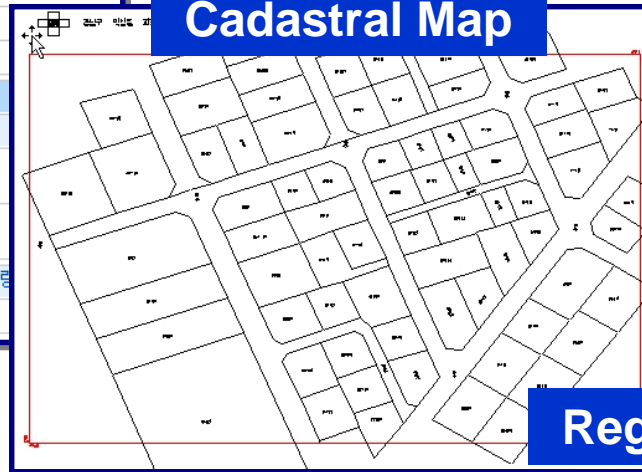


# Sample e-Government service in cadstral domain

## Land Register

주소소재	서울특별시 강남구 삼성동		
지번	159	축척	수치
토지표시			
지목	면적	토지이동(변동)사유	
(08) 대	+90684.4*	(62)1982년04월10일 구획정리 완료	
(08) 대	+87534.3*	(20)1989년01월27일 분할되어 본번에 -4 을 부합	
등급수정년월일	등급구분	토지등급(기준수확량)	
1983년07월01일	수정	80	

## Cadastral Map



## Land Use Planning

토지소재지	서울특별시 강남구 삼성동 159			지 목	대	면적(m <sup>2</sup> )	87,534.3
지역	「국토의 계획 및 이용에 관한 법률」에 따른 지역	지구등	지구등	지정여부	지정여부		
	도시지역, 일반상업지역, 중심지미관지구, 지구단위계획구역, 도로(접합)이하 공간	대공방어협조구역(자세한사항(수방사-계획편성과)문의바람)<군사시설보호법>이하 공간	대공방어협조구역(자세한사항(수방사-계획편성과)문의바람)<군사시설보호법>이하 공간	시행령 부칙 제3조에 따른 추가기재 확인 내용	건축선지정(도로경계선에서30미터후퇴),문화재보호구역 50m(저축)이하 공간		
	「토지이용규제 기본법 시행령」 제9조제4항 각호에 해당되는 사항	[해당없음]					

## Registered Land Price

연도	주소소재지	지번	개별공시지가(원/m <sup>2</sup> )	비고
1990.01.01	서울특별시 강남구 삼성동	159	4,000,000 원	
1991.01.01	서울특별시 강남구 삼성동	159	5,000,000 원	
1992.01.01	서울특별시 강남구 삼성동	159	5,500,000 원	
1993.01.01	서울특별시 강남구 삼성동	159	5,500,000 원	
1994.01.01	서울특별시 강남구 삼성동	159	4,620,000 원	
1995.01.01	서울특별시 강남구 삼성동	159	4,430,000 원	
1996.01.01	서울특별시 강남구 삼성동	159	4,430,000 원	
1997.01.01	서울특별시 강남구 삼성동	159	4,900,000 원	
1998.01.01	서울특별시 강남구 삼성동	159	5,100,000 원	
1999.01.01	서울특별시 강남구 삼성동	159	6,100,000 원	
2000.01.01	서울특별시 강남구 삼성동	159	6,750,000 원	
2001.01.01	서울특별시 강남구 삼성동	159	6,950,000 원	
2002.01.01	서울특별시 강남구 삼성동	159	7,200,000 원	
2003.01.01	서울특별시 강남구 삼성동	159	8,660,000 원	
2004.01.01	서울특별시 강남구 삼성동	159	10,200,000 원	
2005.01.01	서울특별시 강남구 삼성동	159	10,600,000 원	
2006.01.01	서울특별시 강남구 삼성동	159	12,200,000 원	



# III Recommendations



# Recommendations

- **An analysis on redesigning public administrative work process in digital environment**
- **Creating a new information service for better service**
- **Sharing information among the government agencies and public agencies and private organisations**
- **Enabling every citizen and organisation to access necessary information via Internet or other media such as digital TV**



*Thank you very much  
for your attention!*

**e-government**