

IT Overview for Tax Administration

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History

Stage	Year	Description
Preliminary Stage of IT System Introduction	1966	Opening NTS
	1970	Introducing computer and opening computer centre
Development Stage of Data Handling System	1971	Commencing computerized handling of tax-related data
Expansion Stage of Business Scope of IT System	1983	Establishing 5 Year IT Modernization Plan
	1988	Commencing computerized handling of tax collection
Implementation Stage of TIS	1994	Commencing Tax Integration System(TIS) Implementation
	1997	Opening TIS
Provision Stage of Taxpayer Civil Affair Service	1997.7	Commencing on-line issuance of civil affair certificates
	1999.9	Opening KMS(Knowledge Management System)
	2000.7	Commencing e-filing & e-approval
	2002.4	Commencing Home Tax Service
Mature Stage of manipulating and analyzing Data	2003.3	Commencing Tax Information Management System

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Organization

Organization

Assistant Commissioner
for Info. System Mgt.

6 District
Computer centre

Information
System
Planning
Division

Operation
Division

Information
Development
Division I

Information
Development
Division II

Personnel

Unit: Person

Class	Sum	Tax Specialist	IT Specialist	Data Input Person
Sub total	909	48	338	523
Head quarter	220	34	169	17
District	96	14	66	16
Tax Office	593	-	103	490

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Role & Responsibility

Department	Role & Responsibility
Information System Planning Division	<ul style="list-style-type: none">● Establishing basic plan for the computerization of the National Tax Service● Purchasing computer equipment and executing the budget● Confidentiality regarding the computer system● Managing IT resources(Human, H/W, S/W, etc)
Operation Division	<ul style="list-style-type: none">● Operating main computer system and computer network of the TIS● Supporting end-users● Management of the computer equipment and maintenance and repair of the same
Information Development Division I	<ul style="list-style-type: none">● Developing DW & Web● Developing and maintaining the programs for income tax, corporate tax, withholding Tax, collection● Developing TIMS(Tax Information Management System)
Information Development Division II	<ul style="list-style-type: none">● Developing and maintaining the programs related with HTS● Developing and maintaining the programs for property tax, VAT & taxpayer registration● Developing RMS & e-approval system

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I. Overview

II. IT Modernization Status

1. TIS SYSTEM

2. IT Supporting SYSTEM

III. IT Infrastructure



Before/After TIS (SYSTEM)

Before TIS

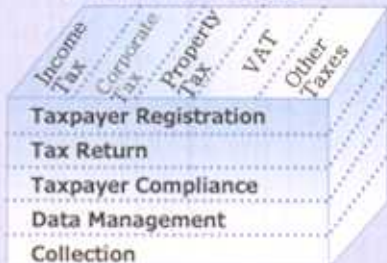
System Based on Tax Code



- Lack of the connectivity between tax code and function
- Lack of integrated data management per individual or company

After TIS

Integrated System Based On Function and Tax Code



- The ability to make the connectivity between tax code and function
- The ability to use tax data related with individual and company from the multiple angles

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Before/After TIS (BUSINESS)

Process	Before TIS	After TIS
Return	Collected and Inputted by District → Sending Tape to Headquarter	Inputted by Tax Office → Sending to Headquarter by On-Line
Audit	Select Target and Manage the Result → Manual Handling	Select Target and Manage the Result → Automated Handling
Data Mgt.	Data Management by Tax Code	Integrated Data Management by Function & Tax code
Civil Affair	Manual Issuance by Taxpayer's Jurisdiction Tax Office	On-Line Issuance by any Tax Office nationwide

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Network Structure



I. Overview

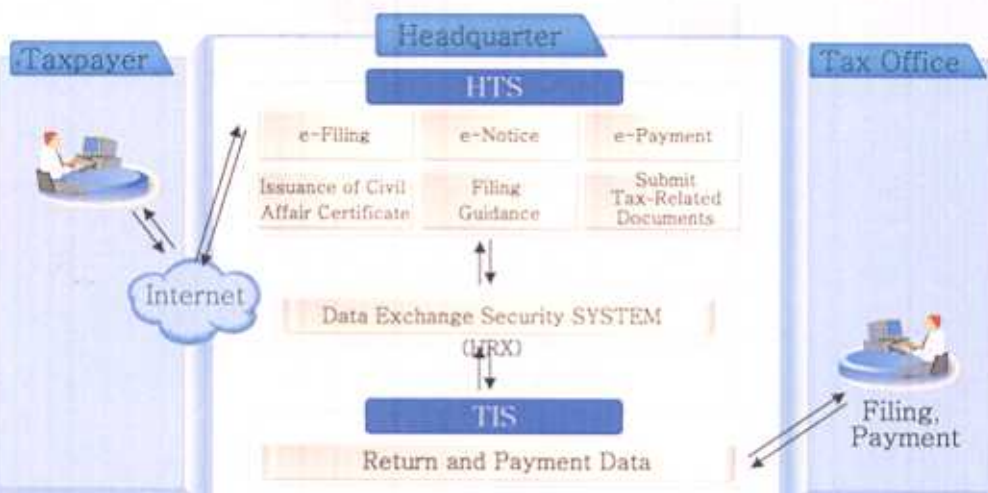
II. IT Modernization Status

1. TIS SYSTEM
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Home Tax Service



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Tax Information Management System

Manipulating and analyzing tax related data from TIS and other institutes for auditing

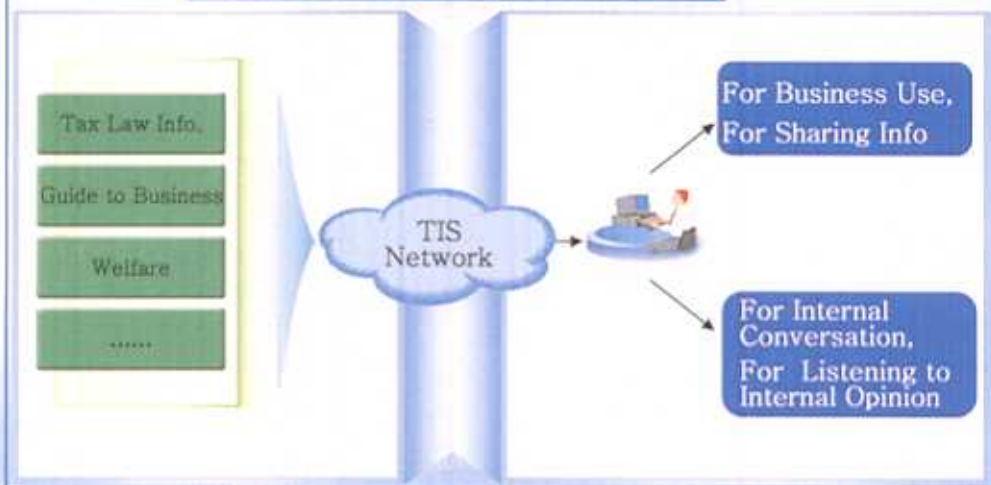


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Knowledge Management System (KMS)

Headquarter/District/Tax Office

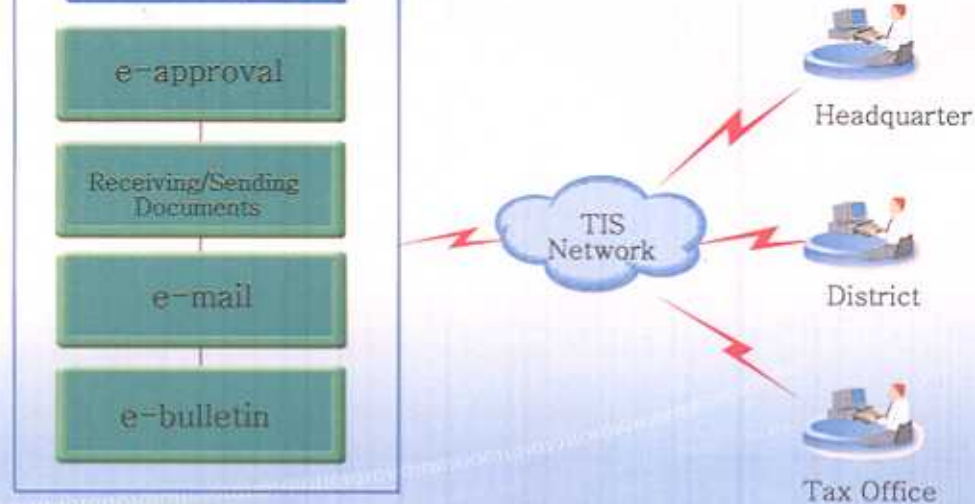


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Electronic Document System

e-document System



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IT Infrastructure

Host Mainframe	Server	PC	Remote PRT	Laser PRT
3 units	786	22,454	186	6,397

Host Mainframe

- Number 1 : Development-Use, Operation-Use
- Number 2 : Operation-Use (Daytime: On-Line, Nighttime: Batch)
- Number 3 : Disaster Recovery System (Data Backup-Use)



Thank You