



PT. Texascom Hitek System

Your Networking Partner




The One Stop Total Solution People

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**PRESENTATION**  
**IMPLEMENTATION AUTOMATION EQUIPMENT**


BY  
**PT TEXASCOM HITEK SYSTEM**

TANGERANG, 18 February 2004

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**Objective**

This project is expected to modernize and automate the Administration system of Patent, Trademark, Copyright, IC Layout, and Industrial Design for a one-gate policy

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**Scope of Work**

1. Infrastructure Installation
2. Procurement of Hardware and Software
3. Application Software and Data Conversion
4. Training

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**Scope of Work**

1. Infrastructure Installation
  - a. Power Supply
    - Enlarging Power Supply (400 KVA)
    - Distribution Panel, MCB and MCCB Installation
    - Cable Installation
    - Outlet Socket Installation
    - Conduit Installation
    - Grounding Installation
    - Down conductor Installation
    - Cable Tray Installation

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**Scope of Work**

- b. Data Cabling
  - Fiber Optic cable installation
  - UTP Cat. 6 cable installation
  - UTP and FO Patch panel installation
  - Rack installation
  - Cable tray installation

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## Scope of Work

### c. Air Conditioning

- 24 units Type I, Split AC 2.5 PK:
  - 4 units for Training Room
  - 20 units spread over 8 floors
- 2 units Type II, Standing Floor AC 10 PK for Server Room

## Scope of Work

### d. Room Renovation

- Training room renovation
  - Quantity : 60M2
  - Eternity : Gypsum + Wallpaper
  - Wall : Gypsum + Wallpaper
  - Floor : Carpet
  - White Board : 6 x 2 meters, Magnetic
- Server room renovation
  - Floor : Race Floor
  - Door Lock : Security Lock Modern

## Scope of Work

### 2. Procurement of Hardware and Software

#### a. Computer hardware

- ❖ Server
  - Application Server, 3 units
  - Web Server/Mail Server, 1 unit
  - Network Management Server, 1 unit
  - Computer Upgrade, 1 unit
  - UPS, 1 unit

#### ❖ PC and Notebook

- Personal Computer, 120 unit
- Multimedia Personal Computer, 150 unit
- Multimedia Notebook Computer, 15 unit

#### ❖ PC Peripherals

- High Speed Color Scanner, 6 unit
- Dot Matrix printer, 6 unit
- High Speed Laser printer, 2 unit
- LaserJet Color printer, 2 unit
- Digital Camera, 2 unit
- Line Printer, 2 unit
- LCD-Projector + Screen, 2 unit

## Scope of Work

#### b. Software

- ❖ Network management software, 1 package
- ❖ RDBMS software , 1 package
- ❖ Firewall software , 1 package
- ❖ Web development tool , 1 package

## Scope of Work

#### c. Network and Communication Equipment


- ❖ Hub-Switch, 21 unit
- ❖ Router, 1 unit
- ❖ Remote Access Server, 1 unit
- ❖ Rack Modem and Modem, 1 unit
- ❖ Firewall, 1 unit

### Scope of Work

**3. Application Software and Data Conversion**

**a. Application Software**


- ❖ Patent
- ❖ Trademark
- ❖ Copyright
- ❖ IC Layout
- ❖ Industry Design
- ❖ Trade Secret
- ❖ Web
- ❖ Reporting


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### Scope of Work

**b. Data Conversion**

- ❖ Backlog/Data Entry
  - The Entry of backlog data into computer system for applications that are still in paper form from all directorates
- ❖ Transfer
  - Transfer of data that have been stored in the computer system particularly for granted patent



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### Scope of Work

**4. Training**

**a. non-technical IT**

- General Software Literacy such as Keyboard Skills, Basic Windows, Basic Word 2000, Intermediate Word 2000, Basic Excel 2000
- One-step-higher-level non-technical course such as Intermediate Excel 2000, Basic Power Point 2000, Intermediate Power Point 2000, Basic Internet, Basic Information Retrieval Access 2000


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### Scope of Work

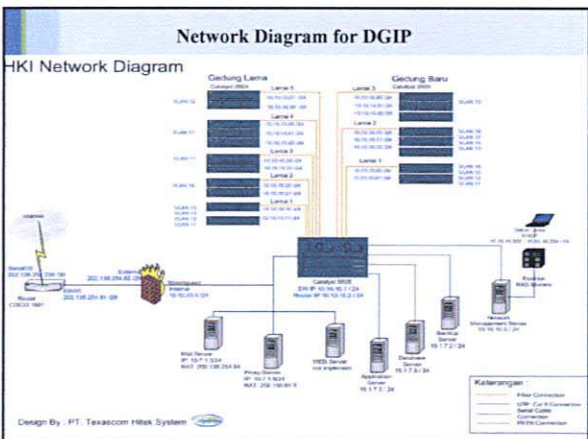
**b. Technical IT**

This course is needed to familiarize staff in the core business units with the applications for Patents, Trademarks and Copyrights.

**c. IT Professional staff**


This course is needed by the IT Professional staff who will be responsible for running the IT system such as Microsoft and Oracle.


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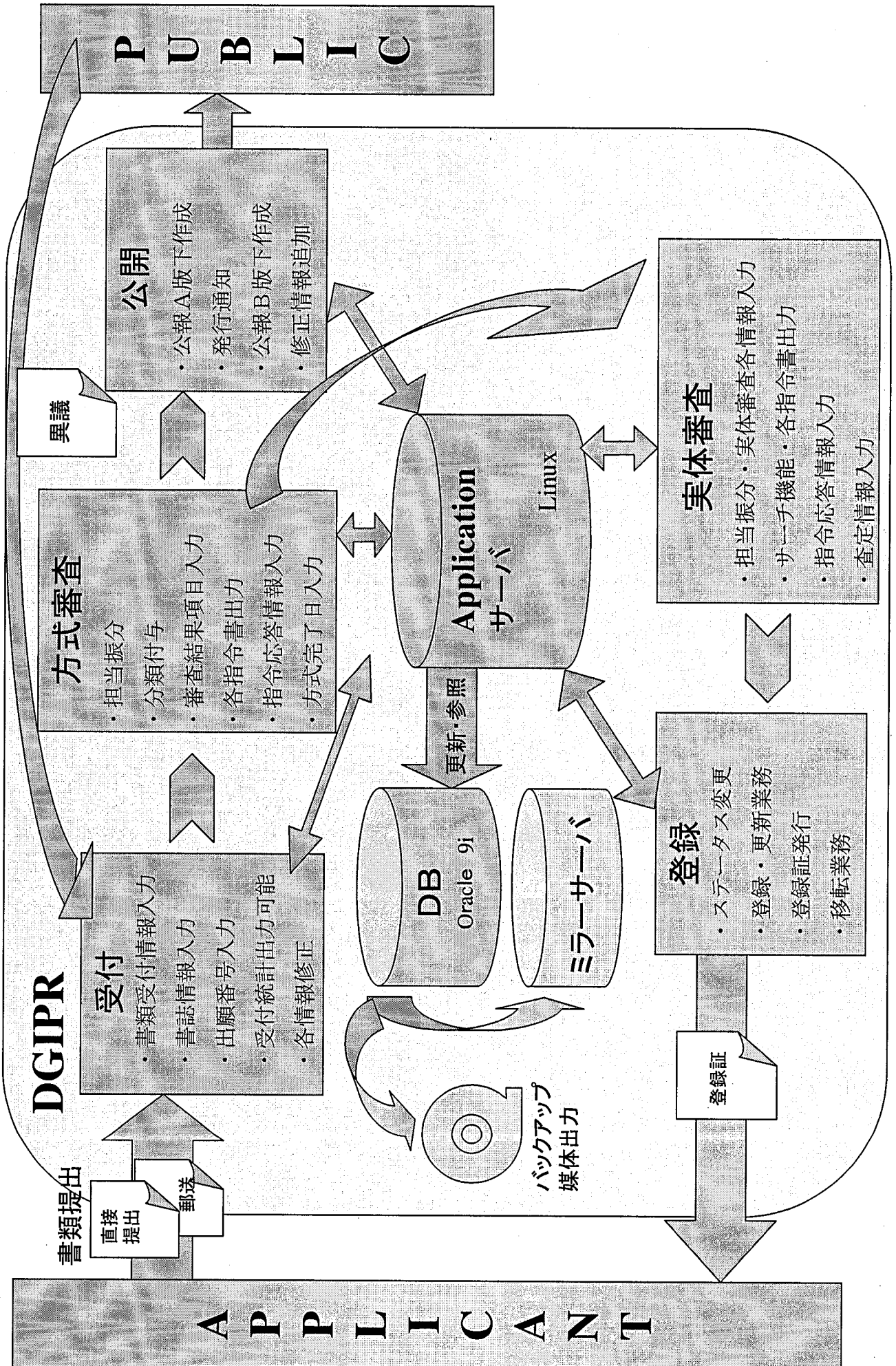


### Recapitulation of Computer & Electrical Nodes

Floor	Comp. Node	Electrel Node
1 <sup>st</sup> (old bldg)	41	62
2 <sup>nd</sup> (old bldg)	54	94
3 <sup>rd</sup> (old bldg)	43	63
4 <sup>th</sup> (old bldg)	68	87
5 <sup>th</sup> (old bldg)	24	36
1 <sup>st</sup> (new bldg)	56	85
2 <sup>nd</sup> (new bldg)	76	104
3 <sup>rd</sup> (new bldg)	78	92
<b>TOTAL</b>	<b>441</b>	<b>622</b>


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# DGIPR事務処理システム概念図(世銀プロジェクト) 2004.2.20



# 世銀システム ネットワーク 構成図

## Backbone Network

