




DGIPR's IT Strategy




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Background to DGIP's IT Program

1. DGIP's IT Vision
2. DGIP's IT Program
3. Combined Benefits
4. IT Strategic Overview
5. DGIP's Relevant IT Systems & Projects

A Clear Vision

Ensure that **technological solutions** meet the objectives of the Office by providing national access to information and services in an integrated, secure and flexible environment.

DGIP's IT Program

DGIP is building an IT capacity that can meet **national challenges** by:




1. focusing on business and society needs and requirements
2. capitalizing on Internet based technologies and open standards
3. recognizing the importance of system inter-operability and electronic data exchange with all stakeholders



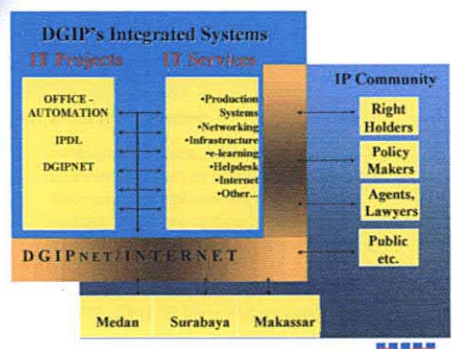


Combined Benefits




- Access to information & services
- Reductions in the costs
- Assists in the harmonization through systems integration
- Built-in flexibility and scalability that can respond to emerging needs
- Helping to close the digital/knowledge divide in the national IP community

DGIP's IT Strategic Overview



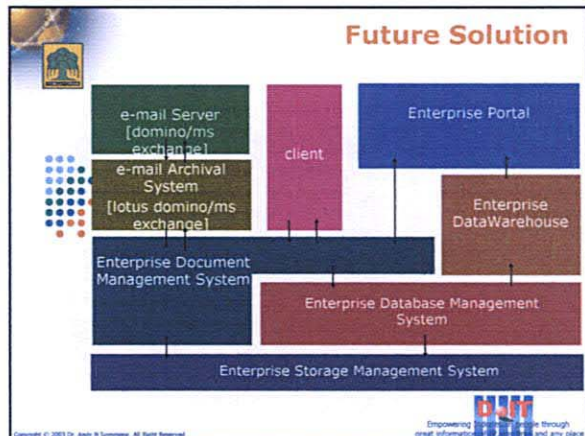
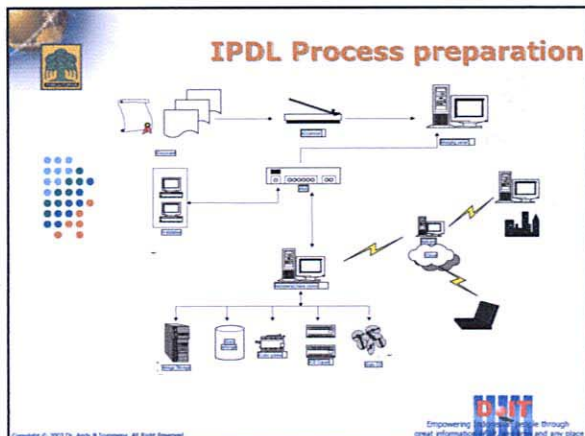
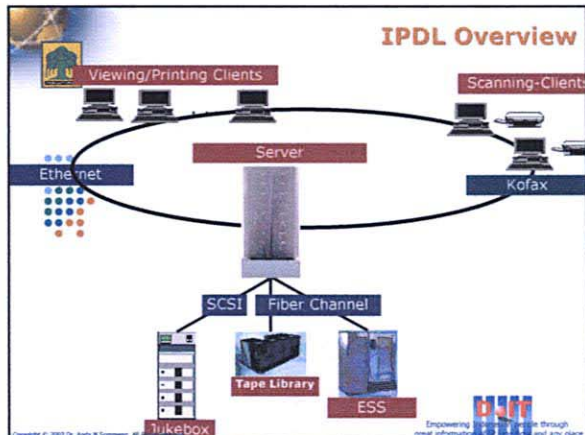
The diagram illustrates the strategic overview of DGIP's IT program. It features a central box labeled 'DGIP's Integrated Systems' which is divided into 'IT Projects' and 'IT Services'. 'IT Projects' includes 'OFFICE - AUTOMATION', 'IPDL', and 'DGIPNET'. 'IT Services' includes 'Production Systems', 'Networking', 'Infrastructure', 'e-learning', 'Helpdesk', 'Internet', and 'Other...'. Below these is a box for 'DGIPNET/INTERNET'. To the right is the 'IP Community' box, which includes 'Right Holders', 'Policy Makers', 'Agents, Lawyers', and 'Public etc.'. At the bottom, three regional nodes are shown: 'Medan', 'Surabaya', and 'Makassar'. Arrows indicate the flow of information and services between these components.

Intellectual Property Digital Library Project

1. Support access to IP information, primarily by Regional Offices, IP Consultants, Academia and General Public
2. Improve access to DGIPR IP data collections-WEB technologies
3. Better IP protection and services
4. Knowledge Management Systems

Empowering Information through great information and any place



DGIPNET Project

The logo features two globes representing the world, with the text 'DGIPNET Project' below them.

Empowering Information through great information and any place

DGIPNET Vision Statement

DGIPNET is

A national digital information IP network

enabling the integration of Intellectual Property information resources, processes and systems of the nationwide IP communities, particularly the IP Stake Holder in the Country.

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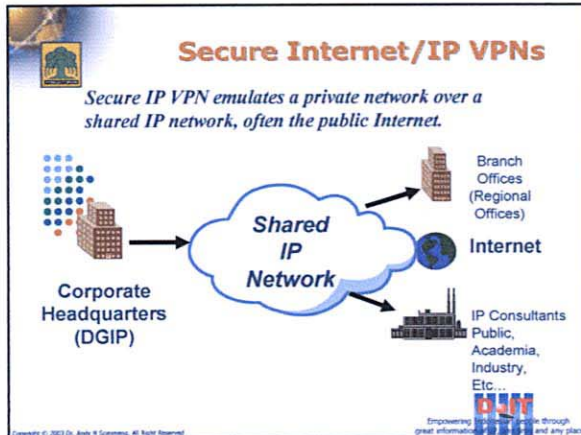
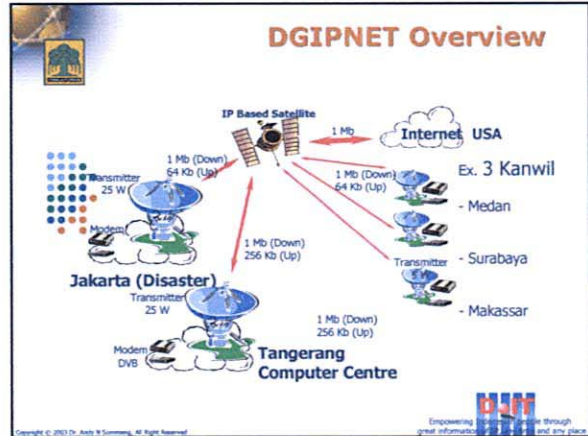
DGIPNET Project Goals

The primary goals of the DGIPNET Project are:

- to provide Internet access to Branch Offices not already connected
- to enable the secure exchange of information between 3 Branch Offices.



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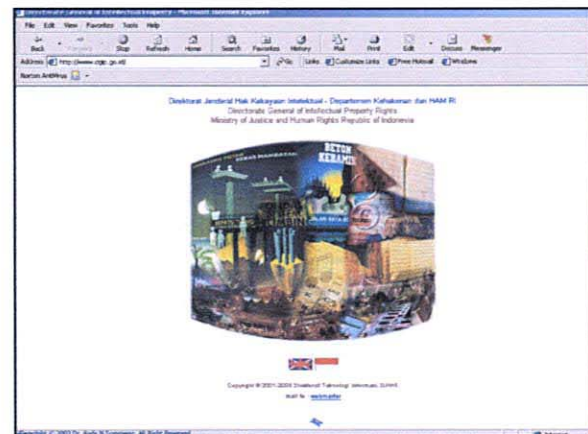
- ## DGIPNET CENTER (Services)
- **Web Hosting and Mirroring**
 - **User Authentication (Digital Certificates)**
 - **Secure Email**
 - **Secure File Transfer**
 - **Collaboration Tools (News Groups and List Servers)**
 - **Online Conferencing (Chat, Voice, Video)**
 - **Directory Services**
 - **Help Desk**
- 
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Thank You

Further information: <http://www.dgip.go.id>



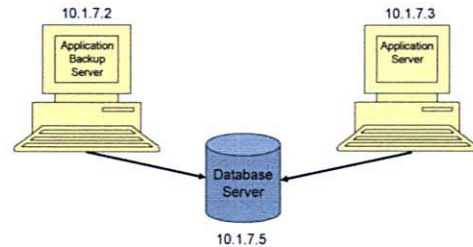
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A Brief Introduction about HKI Application Project

1. Hardware Structure
2. Software Specification
3. System Functions
4. Application Outline

Hardware Structure



Software Specification

1. Server Operating System : **Linux**
2. Database : **Oracle 9i**
3. Programming Language :
Java and JSP
4. Software to run Application:
Internet Explorer

Why using Linux, Oracle and Java?

- The challenge of reducing costs, that businesses and technology groups face today, is the driver that has resulted in the widespread interest in Linux.
- Linux on low-cost Intel-based hardware is the foundation of a modern IT infrastructure. With Oracle on Linux, We Hope that we can get unbreakable reliability, performance, and scalability.
- Migration of Java-based server applications to Linux is a straightforward process, and Oracle supplies a set of JDBC drivers and documentation for the development of Java based Oracle applications.

Application Outline

- The Application is divided into 3 Directorates: Patent, Trademark and DI/HC/DTLST/RD
- There is one Database with two table-spaces to cover these three Applications

System Functions

- To collect all important data and put those data in the database, so it can be transformed to be a useful information.
- To switch the process of application from paper based process to electronic based process and to support the process of application, so the process of application can be done better and faster.