



# Cluster Internasional

## *Patent Application*

### **Summary**

Client: Cluster Internasional

Subject: Patent Application

On the Web: [www.dgip.go.id](http://www.dgip.go.id)

By Technology: Enterprise Resource Planning

By Industry: Public Service

Bening worked with Cluster Internasional to develop Patent Application for Directorate General of Intellectual Property Rights - Ministry of Justice and Human Rights, Republic Of Indonesia (DGIP-RI). The solution gives them better administration process of patent document and also gives better public service for national intellectual community in order to make a good corporate governance.

### **Business Challenge**

Directorate General of Intellectual Property Rights - Ministry of Justice and Human Rights, Republic Of Indonesia (DGIP-RI) wanted to make a good Patent Application System that address all of these bellow dimension:

- Promote Technology and Knowledge-Based Investment  
With Patent Application, DGIP-RI can manage their knowledge of patent document more manageable and make a good investment on modern IT Technology in order to support their needs of e-Government.
- Better Performance of Administration Process of Patent Document
- In the past, DGIP-RI manage their administration process of patent document manually and they spend many time to do such that activity. With the support of Modern IT Technology (Patent Application) they can enhanced their performance in adminstering patent document by automate administration process in order to make good services to the public.
- Improved Operating Efficiencies Through Automated Workflow
- Administering patent document involving high complexity of workflow inside. Patent Application solution must be able to deliver automated workflow inside in order to increase efficiencies and improve collaboration among the labor and also customers (public).
- High Availability and Performance to Access the Patent Document
- To anticipate the growth of patent document in the future time, Patent Application must be able to provide the availability of the the data and access to the data with good response time.

### **How We Helped**

Directorate General of Intellectual Property Rights - Ministry of Justice and Human Rights, Republic Of Indonesia (DGIP-RI) is a public service of law in the field of Intellectual Property Right (HKI). Responsible to administer the intellectual property rights system by granting protection, rewards and recognition to creativities.

Bening and Cluster Internasional successfully worked together to:

- Analyze and Design business processes and supporting technology to improve service to intellectual community and improve performance in administering patent document in order

- to make a good corporate governance.
- Develop Patent Application to fulfill the requirement from DGIP-RI.
  - Provide a tool and mechanism to migrate existing patent data to the new system.
  - Trained staff to support the transition to new technology.
  - Make system documentation.

## **Technology Involved**

Bening used a set of technology to accomplish the project.

Software:

Red Hat Linux Advanced Server, Oracle DB 10G, Java 1.5, Jakarta Tom Cat 5.5.20, Spring Framework 2.0, Eclipse IDE 3.2, Hibernate 3.0, AJAX, JSP, and SVN 1.4.2

Hardware:

*No specific hardware is required for this solution.*

