



Process Automation for Petroleum and Natural Gas Regulatory Board (PNGRB), India

To speed up its decision-making and respond faster, PNGRB wanted to exploit IT initiatives to the maximum. Vayam assisted PNGRB in automation; providing a single repository to get a holistic, integrated and real-time view of the vital information. From a multiple application system, Finance, HR, Payroll, Inventory department moved to a to a single window decision support system.

CLIENT: Petroleum and Natural Gas Regulatory Board

LOCATION: New Delhi, India

CLIENT DESCRIPTION

The Petroleum and Natural Gas Regulatory Board (PNGRB) was constituted under The Petroleum and Natural Gas Regulatory Board Act, 2006 (No. 19 of 2006) notified via Gazette Notification dated 31st March, 2006. The prime objective of the PNGRB is to regulate the refining, processing, storage, transportation, distribution, marketing and sale of Petroleum, Petroleum Products and Natural Gas excluding production of crude oil and natural gas, so as to protect the interest of consumers and entities engaged in specific activities related to Petroleum, Petroleum Products and Natural Gas and to ensure uninterrupted and adequate supply of Petroleum, Petroleum Products and Natural Gas, in all parts of the country and to promote competitive markets and for matters connected therewith or incidental thereto.

CHALLENGES

- Manual System for Data Travel and Report creation
- Lack of Central Repository of data
- Lack of an interactive, user friendly, updated and an attractive website
- No provision for online applications for entities who want to register/authorize themselves
- Lack of online complaint resolution
- No provision for electronic transfer of fees and other charges as determined by notified regulations
- Lack of an intranet site for employees and officers at PNGRB
- Reporting to ad-hoc queries is a time-consuming activity
- Lack of real-time Decision Support System is required

SOLUTION

- Website and intranet site
- Preparation of a data base and Monitoring
- Computerization/automation of in-house functions-Finance, HR, Payroll, Inventory, Procurement, File Management System, Visitor Pass, PBG application, Contacts Directory.
- Automation of Court cases of PNGRB
- Software and Hardware procurement
- Training and Maintenance Services

TECHNOLOGY

- Software: Oracle Apps R12, IBM stack
- Database: Oracle 10g, DB2

BENEFITS TO THE CLIENT

- Single repository to get a holistic, integrated and real-time view of the vital information
- Real-time Decision Support System

- Interactive, user friendly, updated and an attractive website
- Online applications for entities who want to register/authorize themselves with the Board
- Online complaint resolution
- Intranet site for employees and officers at PNGRB
- Quick and efficient reporting to ad-hoc queries