PETROLIMEX

PETROLIMEX INFORMATION TECHNOLOGY AND TELECOMMUNICATION JSC (PIACOM)

COMPANY PROFILE

www.piacom.com.vn

> # LOCAL LEADING PETROLEUM MANAGEMENT SOLUTION

CONTENTS

OVERVIEW

As a member of PETROLIMEX, Petrolimex Information Technology and Telecommunication Joint Stock Company (PIACOM) was incorporated on 19th August 2003 by equitizing Petrolimex's Informatics and Automation Center. By inheriting the management technology achievements of Petrolimex, with over 100 highly skilled staff and extensively experienced engineers, PIACOM has been recorded with over 20 successful years in launching and operating petroleum IT and Automation systems, both domestically and internationally.

PRODUCTS & SERVICES

- Petroleum business resource management solution (PIACOM_ERP)
- ERP services
- Enterprise Gas Station (EGAS) management solution
- Automation Gas Station (AGAS)
- Petroleum Terminal Automation System: Petroleum Depot Automation, Tank Guage Automation, etc
- Information system service

PIACOM's products and services are the perfect combination of advanced technology and petroleum industry management experience. The products are copyright registered with the Intellectual Property Office of Vietnam and highly valued by both Vietnamese and international clients.

PIACOM
DIGITAL PETROLEUM
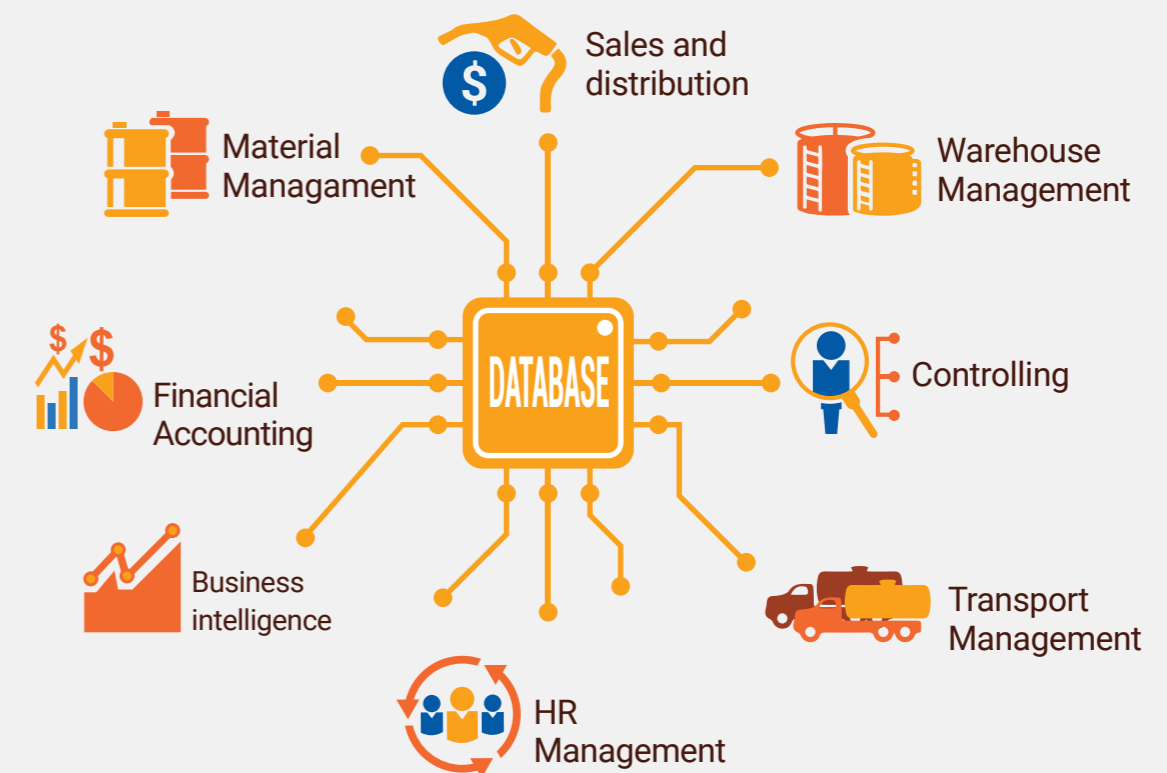### BUSINESS ADMINISTRATION
SOLUTION

PETROLEUM BUSINESS RESOURCE MANAGEMENT SOLUTION (PIACOM_ERP)

PIACOM_ERP refers to Multi Module Software Application, integrated with the application software to successfully manage the enterprise resources. ERP solution provides the managers with the management tools for financial resources, goods, assets, materials, production and business process and product distribution, customer relation management, HR, forecast and planning tools, etc. A very important feature that ERP solution provides to the enterprises is the modern and international standardized management procedure system, which has been built-in, the software to improve the business administration capacity for the leaders and the operations of employees.

PIACOM_ERP comprises of main modules: Material Management, Sales and distribution, Warehouse management, Financial Accounting, Controlling, Transportation Management, etc.

ENTERPRISE GAS STATION (EGAS) SOLUTION

Enterprise Gas Station (EGAS) refers to a management solution of gas stations, designed in accordance with the data concentration model, operating on Internet platform and supporting users to conduct remote control of gas stations.

EGAS is comprised of Enterprise Gas Station (EGAS) Software and Automation Gas Station (AGAS) Subsystem.

Management software for Gas station - EGAS

- Import
- inventory
- Sales
- Salary
- Staff
- Asset
- Invoice
- Record book report
- Price and price policy
- Sales Network
- Centralized list
- Intergrated management system

AUTOMATION GAS STATION (AGAS) SOLUTION

Automation Gas Station (AGAS) refers to an integrated system, which functions all electronic fuel dispenser pumps, tank guaging equipment and card payment equipment to automate the gas station-based activities. The real-time information is provided regarding the fuel filling column, status of tanks; preparing the statistics report, sales report, import-export-inventory reports by each shift and item; integrating with the card-based payment system; supporting remote access.

Automation module for Gas station - AGAS

- Collect signal from dispensers
- ATG (Automation tank gauging)
- Payment through POS
- Self service
- Print receipt

PETROLEUM TERMINAL AUTOMATION SOLUTION

PETROLEUM DEPOT AUTOMATION:

To reduce the manual operations, improve the productivity and transparency in goods delivery at the terminals. The solution automatically controls the electric pumps and valves to load in accordance with the ordered volume, receive the signals on loading volume, temperature, density of goods to be integrated into the management software to lease invoice and post.

Equipment from the world leading automation equipment providers are used such as Siemens (Germany), Rockwell Automation, FMC (USA), etc.

TANK GUAGE AUTOMATION:

To provide the real-time data on status at the petroleum tanks: Fuel height, water height, goods temperature to serve for management and loading-related decision making, etc.

The solution uses equipment from the world leading manufacturers such as SaabTank, MTS and Veerder Root.

INTEGRATED OF TERMINAL AUTOMATION SYSTEM:

Integrate all the local automation modules into a united system in the central control rooms; facilitate the real-time operation monitoring and control of entire terminal and route, etc. Integrate the system information with the management software.

The solution is built on Rockwell Automation technology platform which may be compatible with the current and future terminal management models for the phases of Import - Export - Inventory, pipeline transportation, etc.

INFORMATION SYSTEM SERVICE

- Provide the Data Center and Server Room Infrastructure Solution for the enterprises, supported by Emerson technology. Provide the solutions on IT network infrastructure standardization and integrate the network system for the enterprise in accordance with the product selection solutions of hardware manufacturers such as HP, IBM, Dell, Cisco, Check Point, etc.

- Data Center Infrastructure System Administration Service: Ensure the stable 24/7 operation of Data Center (DC); facilitate the direct real-time supervision, administration and operation; components of DC infrastructure system to be periodically maintained and serviced to retain the international standardized operating mode; create the standard working environment for launching powerful concentration projects such as ERP and concentrated application service systems (AD, Email, Web, Sky Business, Video Conferencing, WAN, Security Safety, etc.).

> ## AS A RELIABLE PARTNER OF THE WORLD LEADING IT COMPANIES!

NETWORK ADMINISTRATION SERVICE, CONCENTRATION APPLICATION, AND PRODUCT MAINTENANCE SERVICE

Launch the enterprise network system under the Cisco standardized model (Core Network at Data Center and network system in the member units), WAN. Launch the security system in accordance with the solutions of Check Point, Trend Micro, ArcSight, Websense, etc. Launch the Microsoft solution and products in accordance with the concentrated operation model: Active Directory (AD) Identification Administration System, Email Exchange, Sky Business, IP, Video Conferencing, etc. IT equipment maintenance service is provided in accordance with the service supply procedures of IT equipment providers such as HP, IBM, Dell, Cisco, etc., in the form of Onsite Services or periodic service at the request of customers.

PROVIDE THE IT PRODUCTS AND EQUIPMENT

As a reliable partner of the world leading IT companies such as HP, IBM, Lenovo, Dell, Microsoft, Oracle, Trend Micro, Vertiv (Emerson), Cisco, etc., the IT products and services are specially provided by PIACOM:

- HP, Dell, Lenovo server and services
- Cisco, HP, Peplink, Schneider network equipment and services
- Check Point, Trend Micro, Fortinet network security equipment and services
- Microsoft, Oracle product licenses and service deployment
- HP, Dell, Lenovo, etc., synchronous desktops, laptops, etc
- HP, Canon, Epson, etc., printer, etc

MAIN PARTNERS

hp

DELL

CISCO

PHŒNIX CONTACT

EMERSON

VEEDER-ROOT

Rockwell Automation

Microsoft

ORACLE®

MTS SENSORS

LIST OF OUTSTANDING CLIENTS

PETROLIMEX

"Covering provinces and cities nationwide with **45** petroleum member companies and **25** Corporations and Joint Stock Companies with contributed capital of Petrolimex"

HAI LINH

PETROVIETNAM PETROMEKONG

PETRO BINH MINH

SAIGON PETRO

bp Castrol

LAO STATE FUEL COMPANY
ລັດວິສາຫະກິດ ນ້ຳມັນເຊື້ອໄຟລາວ