



PETROLIMEX INFORMATION TECHNOLOGY &  
TELECOMMUNICATION JOINT-STOCK COMPANY (PIACOM)



## INTRODUCTION TO **PIACOM\_ERP**

### PETROLIMEX INFORMATION TECHNOLOGY AND TELECOMMUNICATION JOINT STOCK COMPANY (PIACOM)

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**PIACOM\_ERP** is well known as a petroleum business administration solution. The product is developed by Petrolimex Information Technology & Telecommunication Joint-Stock Company (PIACOM) in accordance with the petroleum downstream enterprises.

PIACOM\_ERP facilitates the close management of necessary resources for businesses:

- Financial resources;
- Goods, materials, fixed assets, plants and equipment;
- Human resources
- Technological process, management procedure;
- Information system;
- Trademark, corporate goodwill;
- Client, partners;
- Relationship
- ...

**PIACOM\_ERP** is a perfect combination of advanced technology with petroleum management procedures developed for many years, inherited with the world's modern petroleum management systems, satisfying the requirements:

- Comply with the Laws of Vietnam: Accounting Law, Commerce Law, IT Law, etc.
- Support effective administration and operation of resources
- Provide accurate and timely information for business administration
- Optimize the operating procedures
- Ensure smooth information connectivity in entire business
- Enable flexible customization
- Satisfy the requirements on changing the management organization model
- Control all end-user operations
- Enable proper decentralization and authorization.
- Enable disaster recovery plan



**PIACOM\_ERP** is well known as a synchronous technology solution thanks to close combination between Management Software and Automation Applications, i.e., the basic contents of business digital transformation. The product is designed under the data concentration model, running on 3-tier wide network: Data tier, operating tier and interface tier, ensuring the high data security and safety

**Deployment demands are flexibly satisfied by PIACOM\_ERP**

- Enable to select by deployment scale: Able to deploy for entire business or separately for a section
- Enable to select the process control level at the manager's request: Avoid excessive complexity, resulting in damages to the businesses
- Enable to select software and automation modules to properly launch with the businesses' investment roadmap

## MODULES OF PIACOM\_ERP

PIACOM\_ERP comprises of main modules: Material management, Sales and distribution, warehouse management, transport, financial accounting, controlling etc., to be designed in the data concentration model. The modules are interconnected to ensure the data inheritance. Data is posted once and declared in the entire system to avoid identical defects, errors and improve the labor productivity in management.





# MATERIAL MANAGEMENT (MM) MODULE

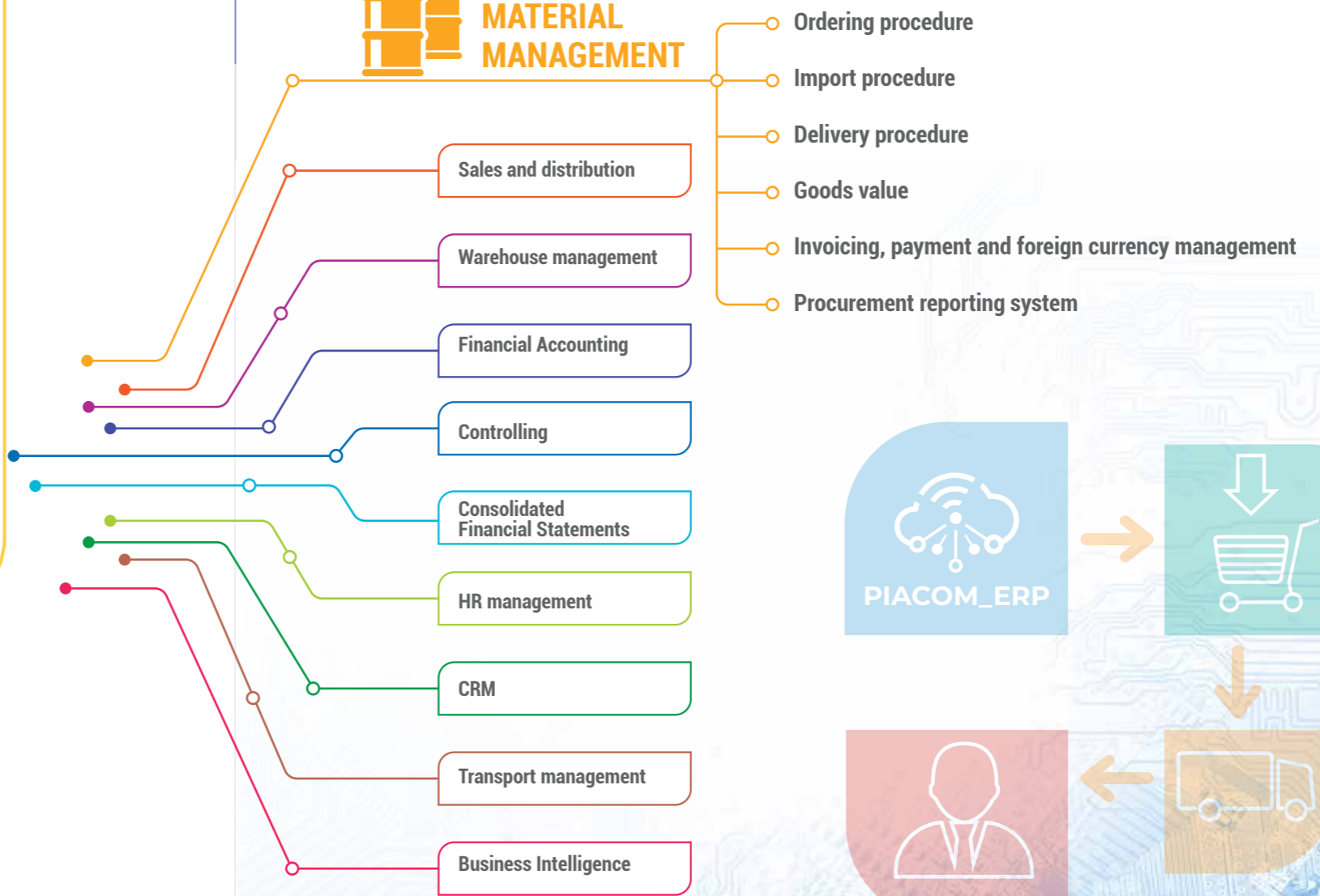


MM module manages the goods stock-in, procurement and stock management transactions by process flow from purchase order, order, to contract, etc.

- Ordering procedure
- Import procedure
- Delivery procedure
- Invoicing, payment and foreign currency management
- Goods' unit cost management
- Stock volume and value management procedures
- Procurement reporting system



## MATERIAL MANAGEMENT





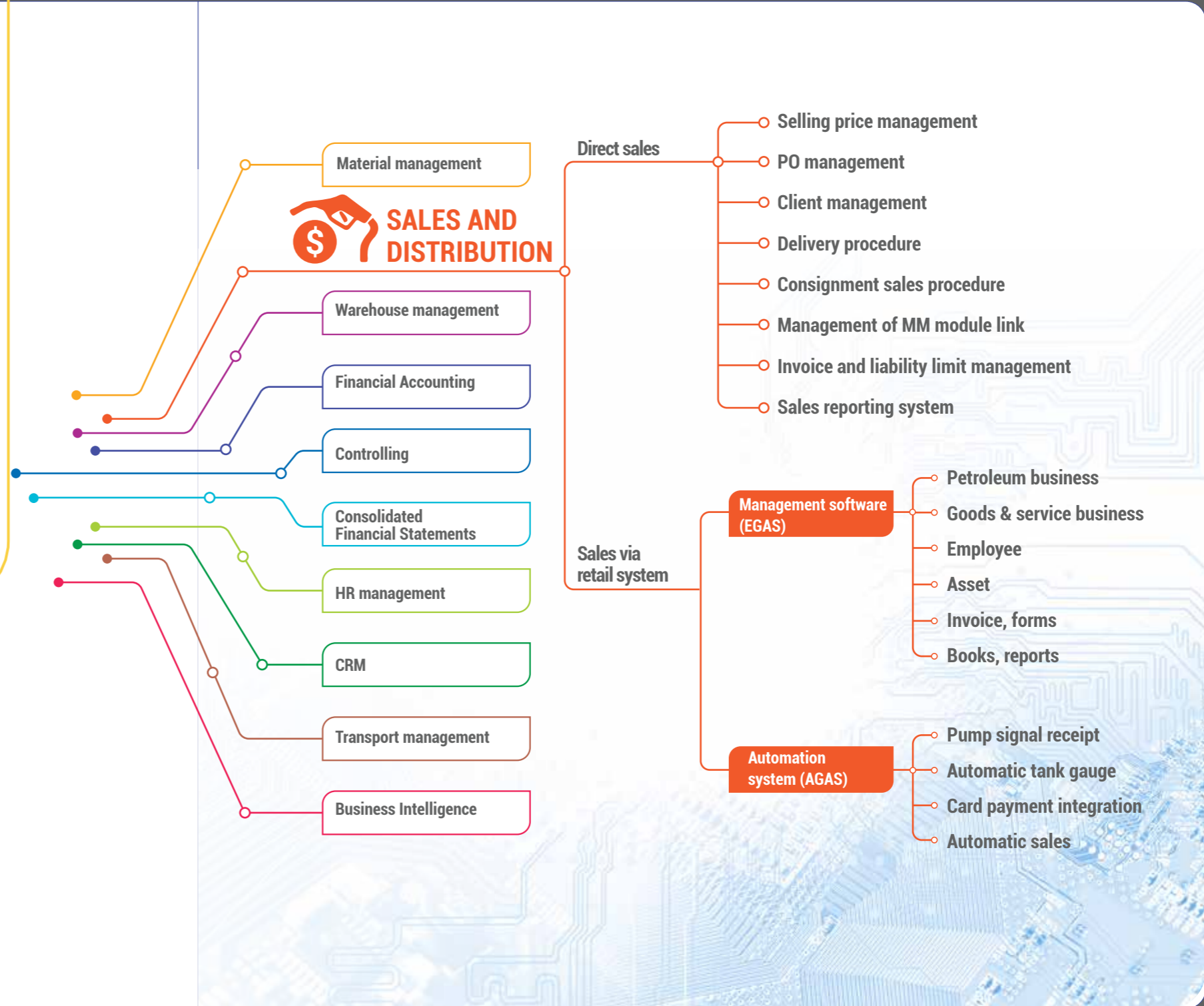
## SALES AND DISTRIBUTION (SD) MODULE



SD module manages the releasing and sales transactions by process flow from Purchase orders (PO), contracts, releasing, to invoicing, etc. Data is integrated with Accounts Receivable (AR) module.

- Selling price management
- PO management
- Client management
- Delivery procedure
- Consignment sales procedure
- Management of MM module link
- Invoice and credit limit management
- Sales reporting system

SD module supports two modes: Direct sales of the Corporation's office/Company/Branch/Enterprise and sales via retail gas station systems. Direct sales mode is supported by Depot Automation Solution System at petroleum terminals, facilitating the correct, sufficient, accurate, safe and prompt delivery. Information from Depot Automation Solution System is automatically integrated with the software: to manage the sales process. Retail management solutions in petrol stations are supported by AGAS applications to enable to strictly manage output, revenue, sales, selling price, inventories, etc. Particularly, Depot Automation Solution enables the clients to automatically pump and apply the modern non-cash payment methods: Bank card, QR code, e-purse, etc.





## WAREHOUSE MANAGEMENT (WM) MODULE



- Input- output- inventory management
- Physical inventory
- Inventory value by methods: FIFO/ Moving average/ Standard setup for each material.
- Report on inventories, loss, suppliers, POs, quotations, goods in transit, etc.
- Automation system at terminals includes automation gauge, stock-in automation, depot automation, etc. It supports the automatic releasing by the registered volume; provides information about quantity, temperature and goods density to release invoices; provides inventory information, prepares reports on warehouse use efficiency. It also enables the drivers to automatically pump and make payment, ensuring high accuracy and safety, facilitating the labor productivity at warehouses thanks to minimized delivery workers.





# FINANCIAL ACCOUNTING (FI) MODULE



Provide panorama about the businesses' financial position. All transactions are recorded and audited from the financial statements to each separate voucher. Data flow is automatically processed among modules, ensuring that data is accurately and timely updated. FI module comprises of General Ledger (GL) and subsidiary ledger modules:

- Accounts payable
- Accounts receivable
- Cash accounting
- Bank accounting
- Foreign currency accounting
- Fixed asset accounting
- Financial statements system is complied with the State's regulations



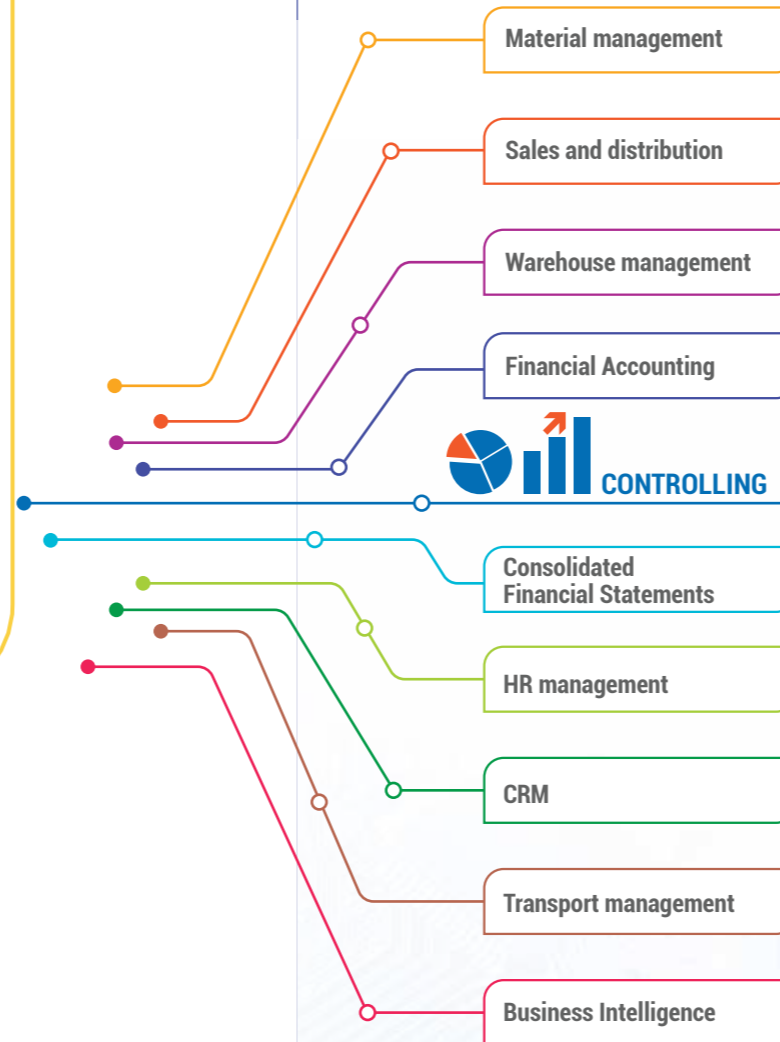


## CONTROLLING (CO) ACCOUNTING MODULE



CO module provides the management information to facilitate decision making, including costs and profits. According to the input data from the transactions arisen in the direct MM, SD modules, etc., the system enables to analyze each profit center, cost center by multidimensional analysis (sales type, method, item, client, etc.)

- Cost center accounting
- Profit center accounting
- Management accounting and overhead cost allocation
- Accounting of inter-company costs and revenues
- Management accounting reporting system



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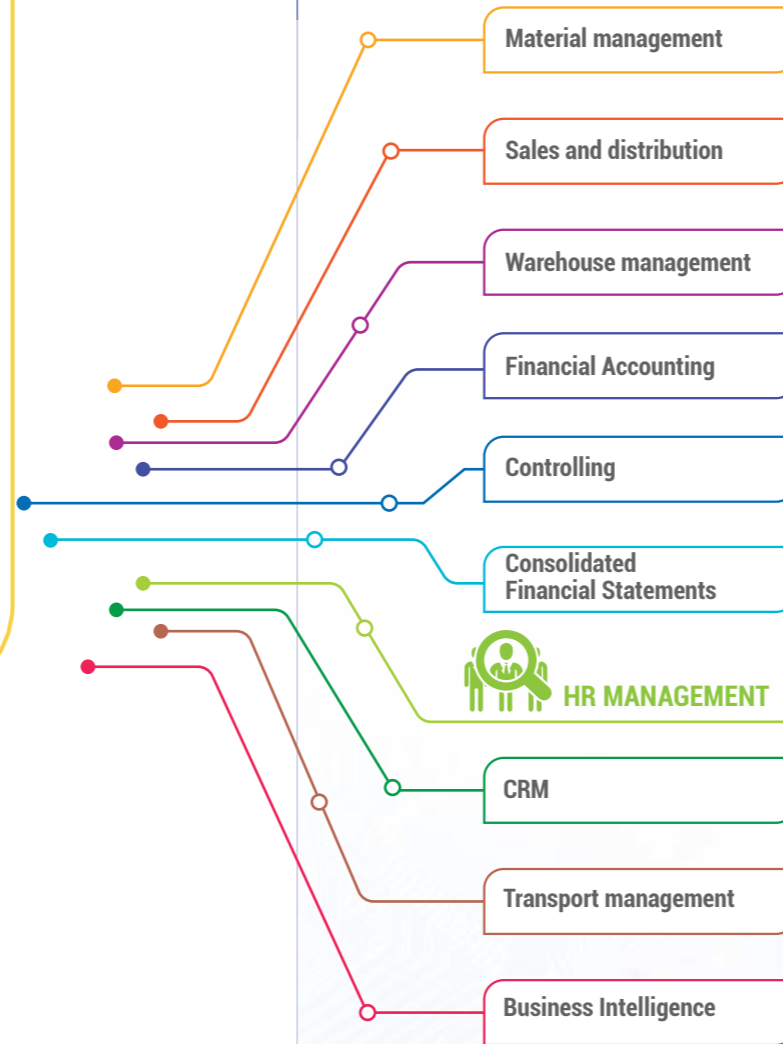


# HR MODULE



## HR management at businesses

- Personnel profiles
- Follow up the labor situation and changes in terms of quantity, quality, recruitment, planning, training and refreshment training, rotation, leave, salary development and treatments of employees, etc.
- Timesheet management: enable to check attendance by days or months with manual timesheet method or automatic data mining from the timesheet systems.
- Provide salary functions by templates and formula, allowance, salary-based deduct and mandatory premium billing systems.
- Enable to automate all postings with employees from entering documents on actual output, payment for labor health loss and annual leave to preparing salary payment documents and report to the regulators.
- Provide the look-up information reports

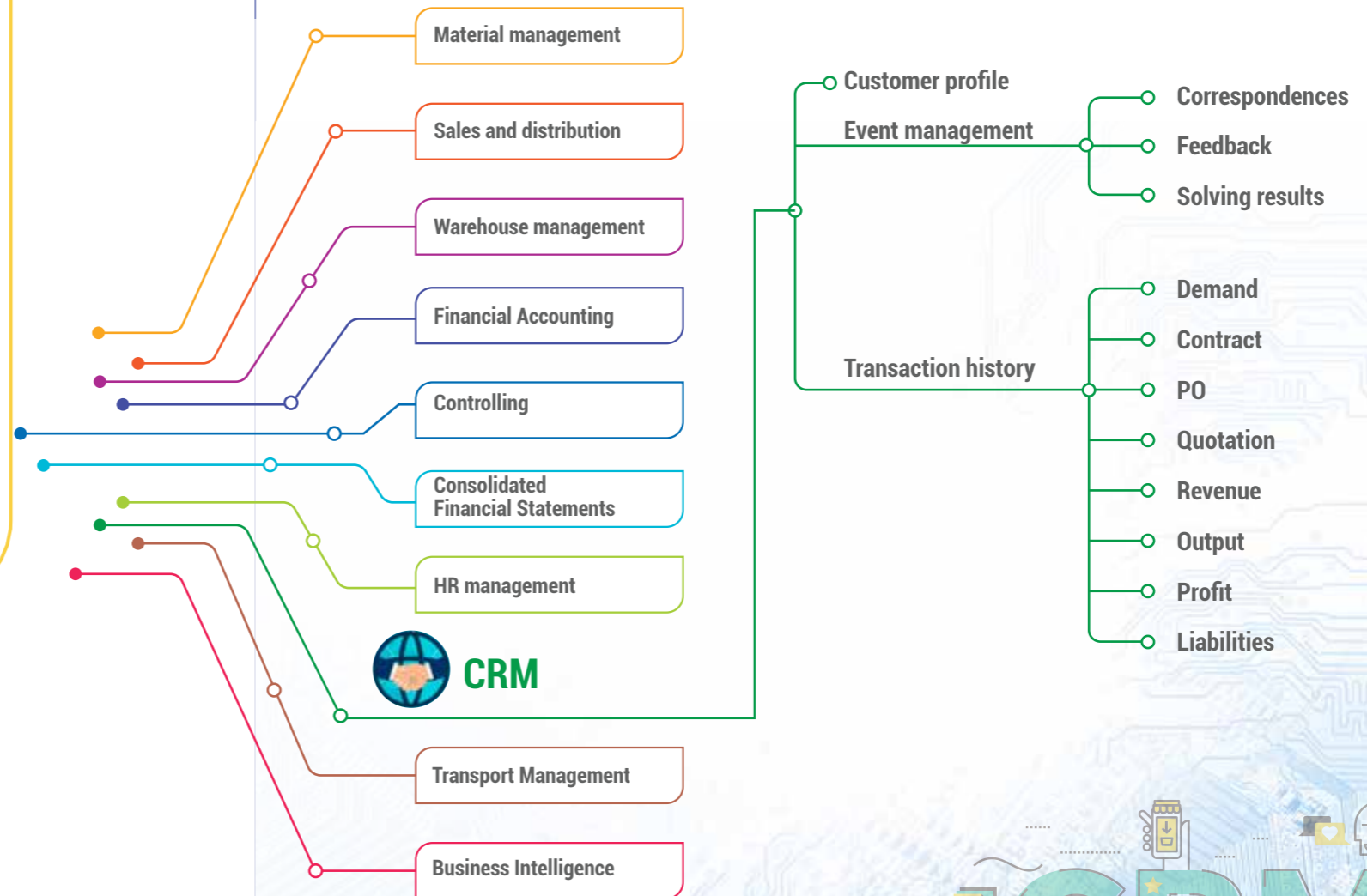




## CUSTOMER MANAGEMENT RELATION (CRM) MODULE



- Customer profile
- Management of events, correspondences, feedbacks and solving results.
- Transaction history, information about opportunities, demand, contract, PO, quotation, revenue, output, profit and liabilities

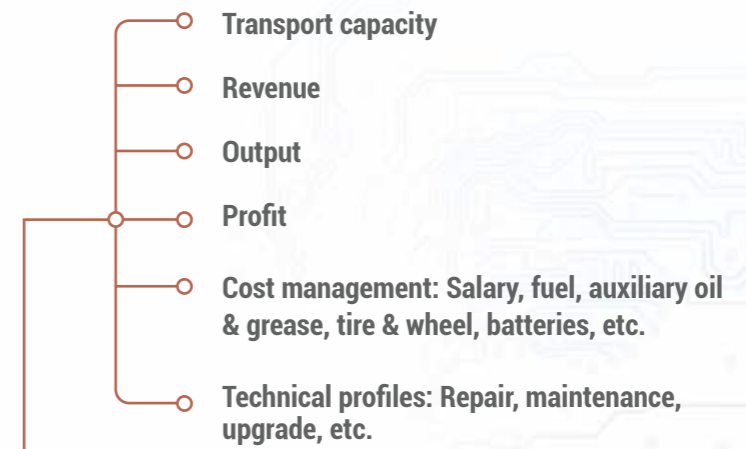
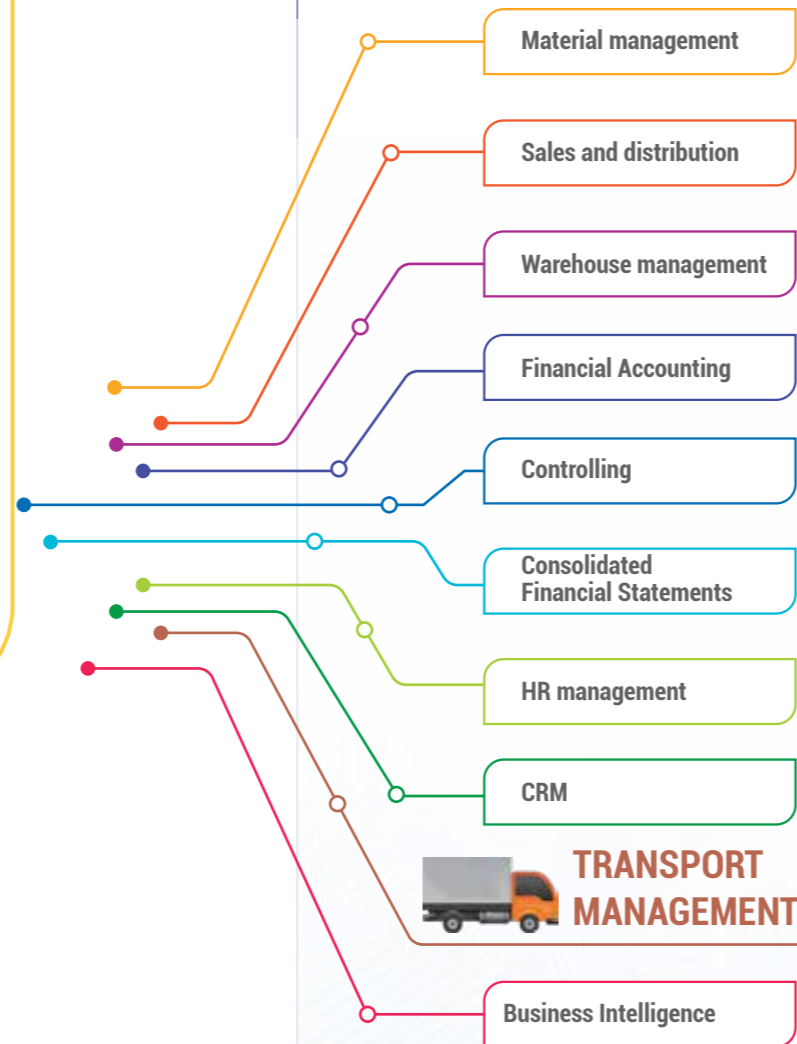




# TRANSPORT (TR) MANAGEMENT



- Fleet management: Vehicle quantity, technical parameters, maintenance/repair log of each vehicle
- Transport shipment and output management by each vehicle.
- Management of contracting and paying fuel, oil, tire and wheel and batteries by each vehicle





## BUSINESS INTELLIGENCE (BI) MODULE



Provide effective tools to facilitate the leaders to make management decisions in accordance with the business database.

