

# Perfect (ASD) Enterprise Resource Planning (ERP)



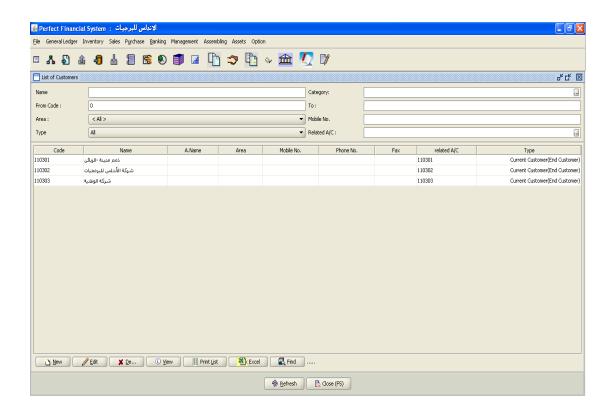
# **Table of Contents**

1.	Solution Overview	2
2.	Key Strengths	2
3.	Features & Functionalities	3
4.	Technology:	7
5.	Customer References:	8
6.	Main Modules:	8
6.1.	General Ledger (GL):	9
<b>6.2</b> .	Treasury (Cash, Banks and Cheques):	. 12
6.3.	Inventory (Stores):	. 13
6.4.	Purchasing & Accounts Payables (P&AP):	. 16
6.5.	Sales & Accounts Receivables (S & AR):	. 18
6.6.	Point of Sales (POS):	. 20
6.7.	Fixed Assets:	. 23
6.8.	Other Modules	. 25
<b>7</b> .	Needed Database:	. 25



## 1. Solution Overview

Enterprise Resource Planning (ERP) is the process of integrating all the business functions and processes in an organization to streamline operations and increase efficiency and productivity'



Perfect Enterprise Resource Planning System (PERPS) is a comprehensive Enterprise Resource Planning (ERP) solution that performs all the operations of an enterprise business management system. It is a multi-language (Arabic & English) application that includes Accounting, Financial, Inventory, Sales, Purchasing, Fixed Assets, Budgeting, Point of Sale and Management tools. It enables complete and efficient control of all your business processes and operations and significantly improves overall performance. The system can be tailored specifically for your needs, and can be deployed either as a web-based application or as a desktop application.

# 2. Key Strengths



#### Simple

*Perfect* ERP will adapt to your business without changing the way you conduct business. Powerful technology used to build the product ensures your usage experience is simple. *Perfect* ERP is easy to learn, configure and use.

#### **Affordable**

Perfect ERP is priced to ensure technology reaches you without compromising on the quality. **ASD** has remained a market leader for its affordable cost of ownership and negligible maintenance for businesses of all sizes. Whether you are a small, medium or large enterprise, *Perfect* ERP addresses most of your business needs.

## **Highly Customizable**

While many of our customers have 100% of their needs fully met out-of-the-box, *Perfect* ERP can be extended for special needs. Customization of *Perfect* ERP can address specific requirements to meet your unique business needs. Extent of customization may vary from changes of simple data capture forms and report formats to complex functional and features changes.

## 3. Features & Functionalities

#### **User-Friendly Interface**

Perfect ERP adapts a unified look and feel in all its windows and functions and has a very user-friendly interface. In this familiar environment, users can freely and easily navigate between windows and pages.

#### **Complete Support for Arabic and English Languages**

Bilingual support in *Perfect* ERP is a standard. In addition, fields can be locked to accept data in only one of the languages if desired. A certain field can also accept any of the two languages.

## **Full Support to Different Operating Systems and Databases**

Perfect ERP operates under all windows versions; from Windows 98 to Windows 8 as well as Mac OS and Linux. It also supports today's most advanced databases; such as Microsoft SQL Server, Oracle, Derby, and MySQL.

#### Flexible Open Design



*Perfect* ERP is designed as an open system that adapts to the diverse needs of organizations and companies. This design ensures ultimate flexibility, adaptability and customization. *Perfect* ERP does not impose rigid rules on its users; in contrast, it is designed to be adapted to the users' requirements.

## **Comprehensive Accounts Management**

This is the most popularly used feature in *Perfect* ERP since the inception of the product. Powerful accounting capabilities in *Perfect* ERP includes simple bookkeeping, accounts receivable, accounts payable, bank reconciliation, purchase order & invoices, cheques & invoice printing, profit & loss account, balance sheet, ratio analysis etc.

## **Easy Inventory Management**

Item wise inventory management, stock groups, multiple units of measure, stock aging report and analysis; multiple pricelist with date and expiration management; daily stock status and reports etc. are some of very powerful inventory features in **ASD** *Perfect* ERP.

## Simple Payroll & HR Management

Simple payroll processes to compute salaries and generate pay slips. Supports the loans; maintains attendance details; employee records, contact details and contract conditions etc.

#### **Remote Access**

ASD Perfect ERP is completely web-enabled. This means that you can access your business data from any location. You can enable your travelling sales staff to check inventory status before booking an order, enable your Chartered Accountant to audit your business and provide professional advice sitting from his office and more. Your business does not have to wait while you are travelling, at home, etc.

## Multi-company / Branch

**ASD** *Perfect* ERP provides facility for creating and maintaining any number of companies / branches and can manage these companies / branches separately. It also allows you to group companies / branches and hence provides a consolidated report for the companies grouped.

#### Multi-period

A company can have any number of financial periods by mentioning the financial year beginning at the time of creating a company in **ASD**. Transaction can be moved between multiple



financial periods by selecting a period as per the business requirement.

**Multi-cost & Profit Centres** 

Allocate funds to different cost / profit centres; compare one cost centre with another, extract

management reports regarding performing and non performing cost/ profit centres.

**Integration and Consistency** 

Perfect ERP can be easily integrated with other ASD products as well as third party

software. It requires little effort to take out or add modules to the system. Furthermore,

Perfect ERP is robust and consistent in all its functionalities and features, thus it can be

integrated with Billing system, and Customer Care system or any other system.

**Decision Making Information at Your Fingertips** 

Perfect ERP helps managers to make the right business decisions and saves time and effort. The

application assists decision-making by displaying all relevant details. For example it displays the

available quantity of products, client balances and credit limits... etc. It also allows the user to add

notes and other relevant information.

**Highly Secured System** 

Perfect ERP is a highly secured system. The access rights of each and every user are clearly defined

in terms of the functions and procedures he / she can execute. In addition, sensitive records can be

assigned to certain users or user groups to reduce unauthorized access risk. Perfect ERP also

enables management to issue audit trails that will include records of each users' activities in the

system.

Many Other Features

Perfect ERP has several other features that make users life much easier, such as:

Report archiving and export facility to reduce paper trails and ease information

exchange.

Full barcode support, including printing barcodes in various formats and using different

printers.

Supports all Point of Sale peripherals.

Information exchange with hand held computers for stocktaking.



Information exchange with electronic time attendance systems.

## **International Accounting Standards (IAS):**

Perfect ERP is developed based on the international accounting standards.

#### Posting and closing period:

The package enables financial managers to post vouchers and to close periods.

#### **Serial numbers and Bar Code Generators:**

It uses and generates bar codes for stock and assets. It utilizes serial numbers also for stocks and Assets.

## System availability:

Perfect ERP package is available 24 hours 7 days a week and 360 days a year.

This is due to the fact that most maintenance and support operations can be done while the system is running like backup operation. Further more, there is no need to stop the system in order to get any report.

## Security:

The Systems Security is obtained in multi-level:

- <u>Network infrastructure</u>: Good designed network with firewalls and proper masks to separate users and groups.
- RDBMS security capabilities: the application uses MS SQL Server RDBMS, or and DBMS as database engine that is both robust and secure.
- Application Level: All systems has the following levels of security:
  - Screen (Form) level: administrator can give a privilege on a specific screen or report to a specific user or a group of users.
  - View/Insert/Update/Delete in the same screen.
  - Record level for specific customized screens and reports.
  - Field level for specific customized screens and reports.
  - <u>Audit Trail</u>: To increase security, all transactions/changes in the system along with the user, terminal, date and time, and affected table/column will be recorded in a special schema tables that allows for query and reporting.



Security log can be accessible at any time through a report request or on-line inquiry,
 which is contained all inserted, updated and deleted data.

## **Full multi-currency:**

The system allows the user to manage unlimited number of different currencies, keeping track of account balances, customer, supplier statements and financial reporting in the standard (base) currency as well as any other desired currency. Thus, the exchange currencies are eliminated, and in some cases, the system can effectively reconsolidate them.

## Help & Manuals:

The package has a User manual (about 500 pages) and Technical manual. Both are available as a soft and hard copies.

## **Bilingual:**

The package is bilingual (English /Arabic). This enables the user to issue vouchers and printing reports in any desired language.

Web enabled.

Single Sign In (SSI).

## **High Quality Support**

Last but not least, **ASD** considers technical support services an integral part of all its offerings. Our qualified engineers provide onsite and electronic technical support services, in addition to training, consulting and implementation services.

## 4. Technology:

- Perfect ERP system had three-tier architecture. We used JAVA as a development tools for the presentation layer (User Interface, Front End), any Relational DBMS (example Oracle 10 or later, MS SQL Server 7 or Later) for the database layer (Back End), and Crystal Report (version 7 or later) or Jasper Report (Free report engine for Java XML) as a report engine.
- Perfect ERP is built in a way that uses Open connectivity methodology. Thus, it is easily connected (integrated) with different systems.
- All output (report and voucher) is generated in hard-copy, soft-copy and on-screen



printing. Furthermore, outputs can be sent directly throw emails and web page (HTML format).

- Uses any relational database (RDBMS) like Oracle, SQL server, Access Database,
  Sybase and Informix Database.
- Platform independent: Perfect ERP can run on any operating system such as UNIX, Linux, Microsoft Windows (XP, 7, 8) and OS2.
- Jasper Report (Free report engine for Java XML) as a report engine.

## 5. Customer References:

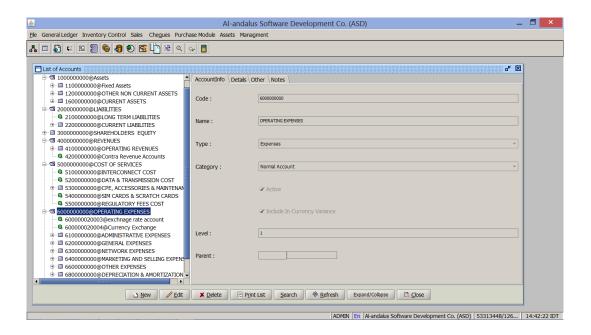
ASD (Perfect) ERP has been implemented in more than 50 companies in the region like:

#	Customer Name	Country
1.	Palestine Cellular Communication. LTD. (JAWWAL).	Palestine
2.	Hadara Technology (ISP)	Palestine
3.	BCell & BNet (ISP)	Palestine
4.	Neworze Telecom	Iraq
5.	Itisuluna Co. Iraq	Iraq
6.	Jaffa Net (ISP)	Palestine
7.	Future Labs (KSA)	Saudi Arabia
8.	Golf Medical Labs (GML) (KSA)	Saudi Arabia
9.	Engineers Association	Palestine
10.	Pharamcare – Medical and pharmacology factory-	Palestine
11.	Modern Jerusalem for Left and Escalators Co.	Palestine
12.	United Elevators Co.	Palestine

# 6. Main Modules:

The following sections briefly summarize Perfect (ASD) main modules:

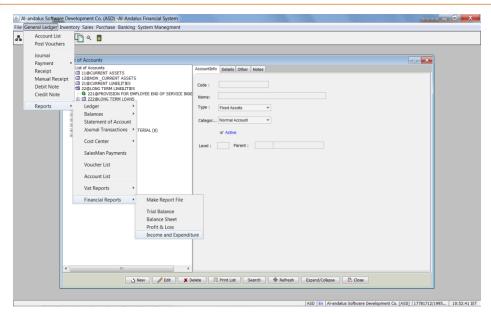




## 6.1. General Ledger (GL):

The General Ledger (GL) module is the core of the ERP package. The purpose of this module is to capture data transfers from the sales and accounts receivables, purchase and accounts payables, and inventory modules and journal entries in order to provide a general ledger, trial balance and financial statements (composed of balance sheet, income statement, and statement of cash flows) for the firm. It is the source of the financial statements generated by ASD system. The basic building blocks are:





## 1) Chart of Accounts:

- It is in a hierarchical structure with flexible coding configurations to allow for reporting of individual as well as aggregate revenues, expenditures,...etc.
- Distinguishes revenue, assets, expenditures and liability accounts.
- Unlimited number of levels, and accounts.
- Flexible coding schema (alphanumeric 30 char).
- Cost centres related.
- It can be printed completely or partial list.

## 2) Cost Centres:

- The cost centre or profit centre is the entity upon which cost / profit analysis is performed (e.g. department in a company). Cost centres are divided into sub cost centres that allow a finer level of analysis. As an example, the cost centre could be a section in a department.
- After cost centres are defined they can be combined with accounts, along with transactions to form chart of accounts and journal transactions.

#### 3) Journal entries:

• Journal can be created for prior and future periods (date) and in multi-currency.



- It allows on-line and batch entries with unlimited numbers of accounts (entries) in each voucher and on-line balancing edit.
- It provides multiple lines of description per journal entry and voucher. In addition to multiple lines of special pre-defined description (remarks) per voucher.
- Allows Cost centre entry.
- It may include VAT.

#### 4) Reports:

- Trial Balance.
- Income and expense reports.
- · Cash flow.
- Detailed and summary balance sheets.
- Accounts Budget versus actual.
- Journal Transactions.
- Chart of accounts.
- Currencies History Report
- Ledger Reports.
- Cost Centres Reports.
- End of year reports.

All these reports can be produced in base (main) currency and any foreign currency (multi-currency reporting) and at any time i.e. monthly, daily, yearly... e.t.c.

## **Income Statement:**

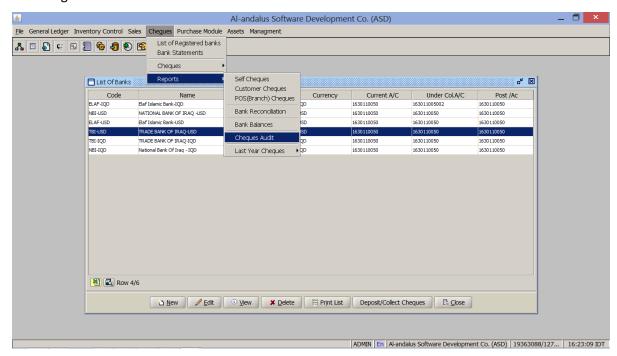
- A dynamic mechanism to extract financial reports out of the Andalus system. User is able to create multiple sheets each with its own hierarchy of nodes.
- Each leaf node can contain a set of defined accounts to rely on for calculation.
- Ability to arrange the accounts as the user likes.
- For Telco operators: categorize into prepaid, postpaid or other category.
- Printing detailed or summarized sheets.

Export sheet to a new sheet or a subset of nodes to another sheet each with its own set of data.



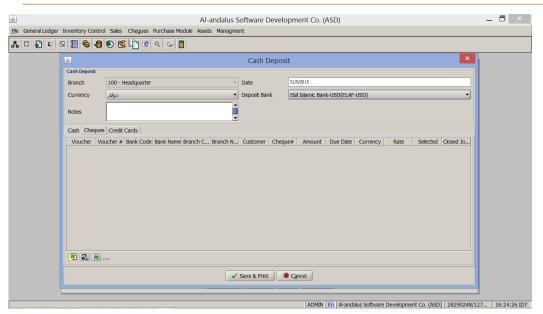
## 6.2. Treasury (Cash, Banks and Cheques):

The purpose of the bank module is to capture all banks activity including check (current and post-dated checks) and cash deposit, check collections, and bank statement. The bank module integrated with purchases and AP, sales and AR, general ledger. Essentially, it contains the followings:



- Journal cash deposit.
- · Check deposit.
- · Check collection.
- Bank reconciliation in semi-manual fashion.
- Archiving bank reconciliations for future reference.
- Changing check status (i.e. cancelled, returned, e.t.c.).
- Check printing and Manual Checks.
- Deals with post dated and return cheques.
- Reports:
- Self-checks.
- Customer post-dated check statement of account.
- Customer checks (posted-dated or current and returned checks).
- · Bank reconciliation.

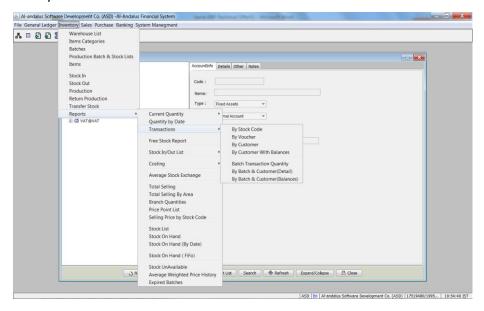




# 6.3. Inventory (Stores):

ASD inventory system is a business-leading inventory control, distribution, asset management and manufacturing software solution for small to large-sized companies. This product offers a broad selection of feature-rich Functions that empower customers with the ability to manage and help their businesses grow more effectively.

Precise control and safeguarding of inventory is an essential task for a successful, well-organized company; businesses require timely and accurate information on inventory location, movement, history and valuation.





Perfect ERP Inventory Management software provides data pertaining to the receipt of goods, the movement of goods within or between locations, the sale, removal or other disposition of goods, and the precise valuation and status of goods remaining in inventory at any point in time down to the bin status and serial number lots and expiration dates remaining in stock.

The aim of the inventory module is to control all stock transactions and quantities. This includes the raw materials, sales, services, and manufactured materials. It is integrated with budgeting, fixed assets, purchasing & accounts payables and general ledger. Actually it supports the followings:

- Multi-warehousing.
- Flexible item card, with segments for group and subgroup.
- Item serial numbers.
- Utilizing Batches
- Items categories (example Fixed assets and stationeries ...e.t.c.)
- Uses Bar code.
- Multiple unit of measurements.
- Tracking items by serial number, lot (batch) number, item number and shelf number.
- Support physical counts.
- Using perpetual module with Average Weighted price, FIFO.
- Stock Keeper authentications.
- Minimum quantity (re-order point) for each warehouse.
- Calculate inventory value using average cost, minimum cost, and FIFO.
- Selling prices and cost prices list.
- Storekeeper authentication issues.
- Contains the following vouchers:
  - 1. Stock In.
  - 2. Stock Out.
  - 3. Stock Transfer (between warehouses).
  - 4. Stock Distribution (for stationeries between departments and branches).
  - 5. Stock Assembling.
- Reports such as:
  - Item quantities (by warehouse).
  - Item transactions (history).

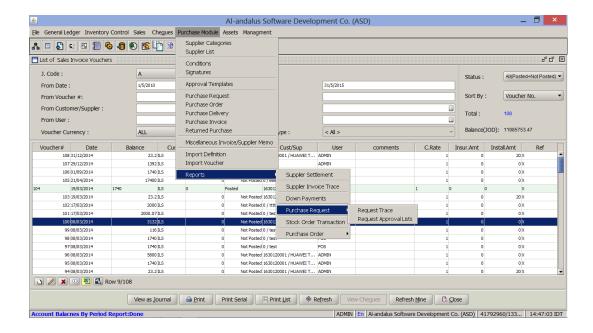


- Stock on Hand.
- Inter-warehouse transaction report.
- Branches' Quantities.
- Item In / Out.
- Pricing.
- Total sold quantities.
- Unavailable stock.
- Free stock (i.e. bonus).
- Stock Evaluation.



## 6.4. Purchasing & Accounts Payables (P&AP):

This module captures all purchases, purchase returns, and suppliers of the firm. It is used for purchasing of inventory items, or services. Typically, it automatically interfaced with General Ledger, Budgeting, fixed assets and Inventory. On the other hand, the payments module deals with all payment operations in the firm including cash and / or checks. In addition to that, vouchers in this module automatically update the accounts payable subsidiary ledger and suppliers files.



Mainly have the following vouchers:

- 1. Supplier memo (supplier Invoice).
- 2. Purchase Invoice.
- 3. Payment.
- 4. Down payment.
- 5. Purchase Request.
- 6. Purchase Order.
- 7. Purchase receipt voucher.
- 8. Returned purchase invoice.
- 9. Debit note.

For instance it supports the following:



- Follow up the purchase request.
- Follow up the purchase order.
- Purchase Management.
- Suppliers' categories.
- Supplier settlements.
- Provide the ability to match the purchase orders with purchase invoices and receipts.
- Trace outstanding purchase orders.
- Follow up the purchase invoice.
- Outstanding purchase request and orders.
- Purchase order tracing.
- Purchase management reports.
- Inquires of purchase orders showing quantity ordered, received, invoiced, and cancelled.
- Vendor history.
- Supplier statement of account.
- Non-moving suppliers' accounts payables.
- Bank transfer to suppliers
- Item history.

## Payment voucher:

- Handles Payments in multi-currency, cash, and /or checks.
- Types of payment: Normal

Down Payment.

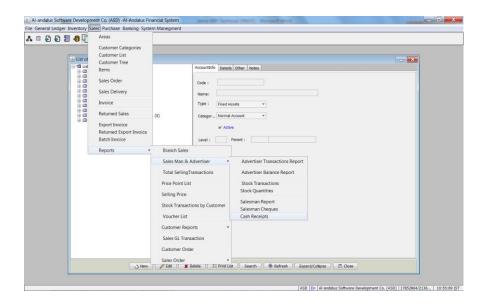
- Payment may be done for purchase invoice, purchase order and supplier invoice.
- Automatically interfaced with bank, general ledger, and purchases modules.
- · Allows Cost centre entry.
- The payment voucher may include VAT.
- Payments can be created for prior and future periods (date) and in multi-currency.



- It allows on-line and batch entries with unlimited numbers of accounts (entries) in each voucher and on-line balancing edit.
- It provides multiple lines of description per payment entry and voucher. In addition to multiple lines of special pre-defined description (remarks) per voucher.

## 6.5. Sales & Accounts Receivables (S & AR):

The purpose of this module is to capture all cash and credit sales invoice, credit notes, sales returns and receipt voucher. The vouchers of this module automatically update the accounts receivable subsidiary ledger and customers files. Thus, it is integrated with general ledger, inventory, and banks modules.



Clearly, it manages the followings:

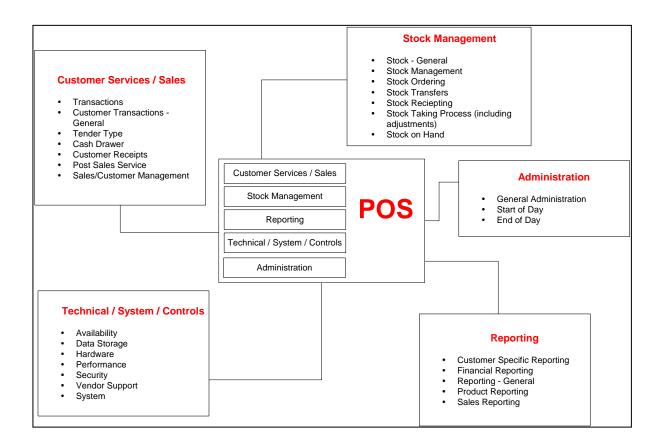
- It handles receipts in multi-currency.
- Cash receipt and checks.
- Receipt voucher provides multiple lines of description per receipt entry and voucher. In addition to multiple lines of special pre-defined description (remarks) per voucher.
- · On-line inventory updates.



- Total Revenue, commissions, outstanding balances, and collections.
- · Revenue analysis reports.
- · Customers and customers aging.
- Sales mark-up reports on items.
- Customers accounts receivable statement of account.
- Customers accounts receivable outstanding balance.
- Customers' post-dated-checks statement of account.
- Non-moving customer accounts receivables.
- Price points list.
- Revenue per Item/Price, per Warehouse, per Customer, per Region,
  Salesman Balances, Salesman Sales/Collections/Commissions, Sales
  Performa/Orders/Deliveries.
- Mainly has the following vouchers:
  - Receipt voucher (cash / checks).
  - Manual Invoice.
  - Invoice (cash / debit).
  - Sales delivery.
  - Price list.
  - Sales returns.
  - Credit Note.



## 6.6. Point of Sales (POS):

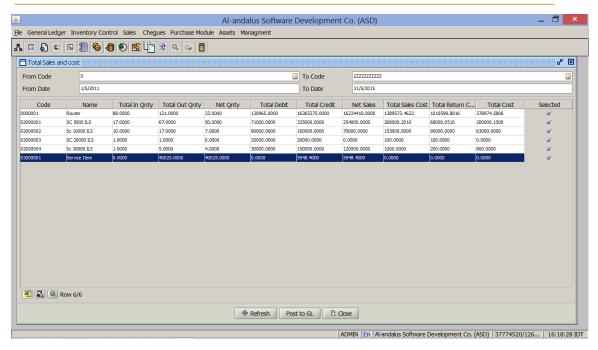


Perfect (ASD) Point Of Sale system consists of two main sub modules:

#### 1. POS Management (Sale Manager).

The POS Manager (POSM) module is the core of the POS package. The purpose of this module is to capture data transfers from the POS centers and manages the POS centers in order to provide general statements for the firm. It is the source of the sales statements generated by Al-andalus POS system.





#### 2. Point of Sales module.

This module has been design in an efficient and simple way, so as it facilities the use of the system. Taking into accounts the limitation of sales users in one side and the traffic of customers in second side. In addition, specific restriction has been imposed in this module, such as the user can manipulate only a list of predefined accounts and a limited number of transactions. These will not impair the sales users' requirements and duets.

Therefore, we devoted in this module certain reports and inquire, where by the users can utilities in order to control his/her performance such as cash and checks reports, vouchers lists, stock quantities, and other relevant inquires.

Finally this module usually installed on the POS center.

Consequently, the followings are some important functional features of Al-andalus Sales and POS packages:

- Real-time Inventory Control.
- Hourly Sales Statistics.
- Multi-Tasking capable for Improved Efficiency and Customer Service.
- Staff Code & Password and Extensive Permission Control.
- Kit / Package / Group Sales.



- Handles Multiple Currency at POS.
- Logs Time of Day of each Sale.
- Embedded security.
- Time and Attendance Logging & Reporting.
- Cashier or Terminal Balancing.
- Integrated Multi-Branch Stock Transfer .
- Multiple Branches with Multiple Product status and Physical Locations for each item.
- Handles Multiple Alternate Suppliers for each Item.
- Serial Number Tracking.
- History is maintained on all transactions. You can recall and print all Invoices,
  Returns, and Reciept vouchers.
- Sales reports can be generated for any day or period at any time.

## Integration with other back office applications:

Perfect (ASD) can be integrated with other back office applications such as Oracle Financial and others.

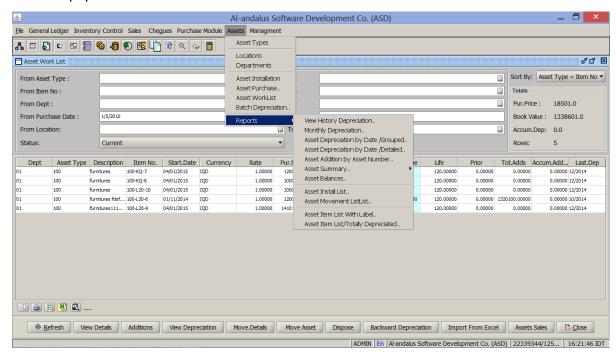






## 6.7. Fixed Assets:

Fixed assets module allows the user to maintain comprehensive and historical asset information. Specific information depending on the asset type, location, and department is possible as well various methods of depreciation. Automatic fixed assets accounting entries will be generated to the General Ledger, including provisional depreciation and their reversals. It is integrated with general ledger, budgeting, inventory, and purchasing & accounts payables modules.





#### **Main Features:**

- Uses straight-line Depreciation method.
- Uses bar code reader for assets evaluation.
- Hieratical asset types and classes.
- Hieratical assets locations.
- Utilizing assets label code and bar code.
- Monthly or yearly depreciation methods.
- Masters assets classes, types, locations, and transactions.
- · Assets Disposal and additions.
- Transfer of assets.
- · Deprecations and addition deprecations.
- · Assets Transactions posting.
- Batch depreciation.
- Storing asset related information such as supplier name, code, contact information, serial number, and model and product number.
- Spread sheet appearance.
- Fixed Assets Reports and Inquires:

Fixed Assets by class and types.

Assets by Location.

Assets Depreciation Schedule.

Assets Details Report.

Assets Journal & Asset capitalization.

Assets History

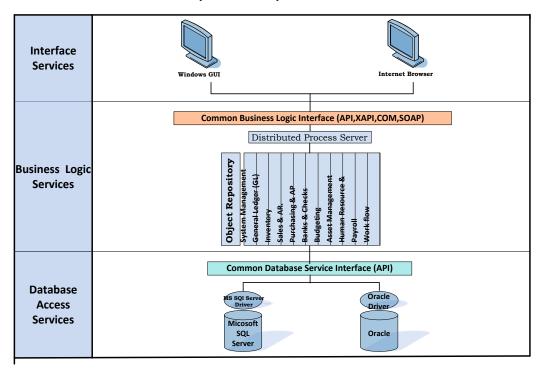
Assets disposals.

Assets Balances and summary.

Assets Movements, Assets Additional.



## Perfect (ASD & GSS) ERP Architecture



## 6.8. Other Modules

Perfect ERP can include or integrated with other modules like production or HR, Mobile sales and else...

## 7. Needed Database:

Perfect ERP can use Oracle 10g or MS SQL server 2000 or later.