

# Modules List



**Maximum**  
*Softwares*

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## **Our softwares**

Entirely developed by S.A.D. Informatique Itée, Maximum Software was designed for forward-looking managers wishing to work with powerful tools. In ERP and MRP form, it adapts to any type of business.

MAXIMUM modules offer accounting management solutions for businesses of all sizes, including inventory control, various transaction operations, and optimization of internal processes.

Maximum Software's renown is recognized by several thousand users. This recognition comes from technological innovation, which makes the application flexible, particularly with report generators, forms, screens, objects and finally, the computer programming language integrated for users.

Maximum Software is specifically designed to quickly and easily process an impressive quantity of static and dynamic data.

Note: The whole software package is available in French and English. Each user can work in the language of his choice

## ● Accounting

The Accounting module, combined with the many tools included in Maximum is a powerful tool for business managers. The Accounting module runs in real-time ("online") and performs all of a business' accounting transactions. It gives quick access to relevant decision-making information. For example:

- *All kinds of statistics.*
- *Custom reports.*
- *Budget, currency, tax table management, etc.*
- *Comparative or non-comparative financial statements, bank reconciliations, etc.*
- *Customer and supplier management.*
- *Profit center management (also called "cost center").*

The data mining mode in Maximum will be very appreciated by Accounting module users. Maximum's complete integration with popular applications (Excel, Word, etc.) brings additional flexibility in creating business-specific accounting documents.

## ● Payroll

The Maximum Payroll module handles payroll for all Canadian provinces. It also manages construction payroll (CCQ), unions and joint committees. In it, you can define a host of trades, incomes, activities and deductions. The work schedules of all the employees can be managed, while taking into account the various work shifts, alternating shifts, and holidays.

This module's flexibility allows managing human resources, by entering notes, filling out behaviour sheets, entering absences and lateness, filling out evaluation reports, as well as using a lot of relevant information.

Lastly, this module allows incorporating the Maximum Software electronic time clock.

### ▶ Edi-pay and supplier payment

The Maximum EDI-PAY module allows depositing an employee's wages directly into his account. This EDI transfer is 100% configurable and compatible with any of the financial institutions that observe Canadian Bankers Association standards.

This module allows making a payment directly in a supplier's bank account.

### ▶ Electronic Time Clock

This module allows acquiring payroll processing related data and work in process follow-up. It can be data related to hours worked and raw material requisitions. This module also offers the ability to use touchscreens.

This module allows integrating the data from external acquisition devices into Maximum.

## ● Inventory

Inventory management in Maximum is comprehensive and very useful. Products that are purchased, manufactured, managed or not in inventory, etc., are classified according to departments and/or categories. Several functionalities of the Maximum Inventory module are configurable according to the business' specific needs. For example:

- Customer estimates, orders, and invoices.
- Goods orders, receipts and returns.
- Various histories and statistics.
- Units of measurement management, with conversions.
- Transaction processing in foreign currencies

Customer invoicing and stock receipting can be linked to the accounting journals. The system allows managing the various product-related costs ("landed costs"), such as acquisition costs, transportation costs, customs dues, and various additional costs.

### ▶ Lot number management

The Lot number management module allows assigning the same lot number to a group of units of the same product and information specific to this lot. The lot management method can be manual or FIFO (First In, First Out). Each lot number also keeps its history, both for raw materials and finished products.

### ▶ Serial number management

This module allows assigning a serial number to each unit of a given product. This number can be the supplier's or assigned by the user. It also includes information specific to each serial number. The serial numbers also keep their history; whether at the product purchase, sale and repair or modification levels.

A service contract module and a component management module can be added to this module.

### ▶ Service contract

This module allows managing service contracts, the inclusion and exclusion of products and services, and automatic renewals (using the "recursive invoicing" module).

You can also invoice equipment maintenance according to a meter rate (e.g., photocopier).

### ▶ Credit management

Further to the evaluation of a customer's credit, Maximum can put an order on hold until it is released. When the order is on hold, you cannot schedule production, deliver it, or invoice it. Credit evaluation takes into account the customer's account balance, the number of days the invoices are due, and the value of the open orders (non-invoiced orders).

### ► **Project management**

This module is specifically designed for comprehensive project, sub-project, and related phases management. The project manager defines estimated, revised, committed, and real costs, according to the project's progress. These managed costs can include labour, materials, equipment usage, subcontracting, equipment rental, and any other project-related costs.

Entirely integrated into the other Maximum Software modules, this module allows the manager to have a global detailed view of the projects and their progress. This module therefore allows managing projects using orders and purchase invoices, product requisitions, and timesheets. Also, each project can be managed according to various invoicing methods (progressive, per hour, fixed price, etc.)

### ► **Route management**

This module allows managing delivery and permanent and temporary pick-up routes. The compilation of all the routes is determined according to the planned delivery or pick-up date.

Also, you can view a summary of the products to deliver, the number of stops, the weight of the load and the volume taken up by the load, to be able to use each delivery route efficiently. Furthermore, documents such as bills of lading, invoices, etc., are printed in order of delivery to facilitate loading and delivery.

### ► **Customs forms**

The Customs forms module allows printing the various documents required to export of products to the United States. As with all the other forms, they are customizable and configurable according to the user's needs. This module also allows grouping/splitting to avoid per-invoice charges when entering the United States.

### ► **Electronic catalogues**

This module allows receiving computerized product catalogue from suppliers. The various catalogues then become available in Maximum Software, without however unnecessarily creating inventory items. If certain items are in inventory, they can be updated according to the catalogue's information.

Also, when browsing a catalogue, you can simply press on a key to create an inventory item.

### ► **Promotions**

The promotions module allows automating the calculation of a promotion in an order or an invoice. You can simply define the scenarios that give access to promotions and the system validates the various promotions available during a transaction. A promotion can be optional or cumulative.

► **Recursive invoicing**

This module allows invoicing automatically, according to a predetermined frequency. This module is useful for businesses that manage long-term rental products, subscriptions, and renewals.

► **Multi-warehouse**

Maximum Multi-warehouse allows managing an unlimited number of physical inventory locations. It also effectively manages warehouse transfers. It also allows managing goods that belong to customers, at a supplier or subcontractor's location.

► **Core management**

This module allows managing banks of "cores". A "core" is a product to be remanufactured. "Cores" are regularly used in automobile parts such as alternators and starters. These banks allow defining which customer must or can return products to be remanufactured, according to his purchasing history.

► **Custom kit - Product configurator**

This module allows automating the creation of a kit using certain criteria. This system functionality avoids having to create a host of possible kits in inventory. The system will automatically generate the make-up of a kit according to the required criteria.

► **Purchase agreement and direct delivery**

This module first allows placing orders for non-deliverable purchases, and allows releasing products to deliver periodically or randomly. This module also allows managing direct deliveries from suppliers to customers. Lastly, this module retroactively incorporates a purchase price update procedure.

► **Recycling / Recovery**

This module allows businesses involved in the recycling and/or recovery field to manage the acquisition of raw material, according to market cost, product quality, and quantity collected. Also, complete management of freight charges is available according to several predetermined criteria in the contracts with the customers/suppliers.

► **Components and decomposition**

This module allows managing the components within products. It allows creating a product from several other products, and decomposing a product into several other products. This module also allows querying stocks of inventory items and items included within other items.

## Production

### ► **Standard bill of material**

Module that allows managing bills of material used to manufacture products with the necessary quantities of raw materials and labour. Bills of material allow calculating standard manufacturing costs. Stock control can be automated according to production, standard quantities.

It allows linking the production department and purchasers together, to avoid a raw materials out of stock situation, which would cause unforeseen delays.

### ► **Custom bill of material - product configuration**

This module is particularly intended for companies that produce made to order items. Linked to the standard bill of material, the Product configurator allows creating a bill of material according to the customer's parameters, option selections, and variances. The product's cost is calculated simultaneously and the bills of material are generated automatically. The Product configurator eliminates the creation of similar bills of material for the same product model.

Maximum's Product configurator was designed to allow the user to create new lines of products, modify or add parameters, conditions, options, etc., himself. The Configurator is useful from the product's estimate for a customer to the actual production process.

In a customer's file, you can also assign specifications that are specific to the products assigned to each customer (preferences, option choices, and manufacturing technical specifications).

### ► **Costing – M.R.P. (level I and II)**

This module allows calculating the actual cost of a given production. It works out the rate variations and quantities to allow managers to know the various variances between the production cost estimates and the actual costs.

This module also allows properly identifying the costs related to scrap, and non-quality, and allows MRP level I and II management.

### ► **Transformation / Cutting**

Intended for processing businesses, this module allows managing inventory and the costs of the products to be processed. From a raw material, the system allows creating finished and semi-finished products. This module is usually necessary in the fields of wood and meat processing.

### ► **Production scheduling and planning**

This module allows complete planning of several productions. It allows scheduling the various operations to be carried out, automatically or manually.

It manages the production machinery, its capacities, and its efficiency.

It also displays production schedule conflicts, the arrival of raw materials, and allows production simulation.

### ► **Preventive maintenance**

This module manages the schedule of the actions linked to equipment maintenance. It also includes the inventories of the parts involved and their purchases. Preventive maintenance management aims at optimizing equipment usage and the interventions throughout its lifespan.

The history of all the actions is stored for traceability and useful statistics during equipment renewal, and controlling manufacturing production costs.

### ● **Edi-export CNC**

This module allows exporting data to cutting optimization software for CNC equipment.

### ● **Edi-transfer**

Allows transferring various documents electronically to suppliers and customers. Whether it be purchase orders, customer order confirmations, etc.

This module includes the modules EDI-PAY and Supplier payment.

### ● **Edi-import to sales journal**

This module allows importing the information needed to create an accounting entry in the sales journal. This is useful when invoicing is done using software external to Maximum.

### ● **Edi-import customer orders**

This module allows automatically generating a customer order for customers who do e-business and receive orders from a Web site.

This module also allows company representatives who are on the road to take orders directly on their laptop and then send them to the office.

### ● **Inter-company**

This module allows carrying out operations between several companies in a single operation. When company 1 invoices company 2, the purchase is automatically made in company 2.

It is even possible for a company to take products in the inventory of the other company and this will automatically generate the entries between the companies.

Also, one employee assigned to a company can, in the course of his work, work some hours for another company, and the software will generate the inter-company entries.

Lastly, this module allows consolidating the financial statements of several companies.

### ● **Data encryption**

This module allows encrypting (secure by rendering incomprehensible) the data in files selected in the Maximum Software database.

Data encryption restricts access to this data by external applications and thus secures the database.

In fact, several applications can read the data contained in non-encrypted files. This is the case with the Excel, Access software programs and all file editors. Therefore, if the data is not encrypted, it can be accessed by whoever uses such software and has the read rights to the data directory on the server.

### ● **Sales follow-up (C.R.M.)**

This module allows completely managing a sales department, from the prospecting team to customer service, including quotes, recalls, complaint management and customer follow-up.

It integrates the management of potential customer lists and prospects, while allowing the distribution of the files to the representatives.

## **Windows Mobile Device**

### ▶ **Bar code aided receipting (Windows Mobile device)**

This module allows receipting products by scanning the bar code identifying the product and its serial number and/or lot number. This module allows printing bar code labels for products that do not have a bar code.

► **Bar code aided shipping**  
(Windows Mobile Device)

This module allows controlling deliveries to customers by scanning each product to deliver, to prepare the deliveries. Once the deliveries are ready, a label with an identification bar code is affixed to speed up deliveries when the customer or carrier comes by.

This process allows improving delivery accuracy and performance.

► **Bar code aided physical count**  
(Windows Mobile Device)

This module allows automating the process of physical inventory calculations, whether partially or totally on a Windows Mobile 5 compatible device.

► **Inventory receipting import**  
(standalone device)

This module allows automating stock receipting using bar code readers. It allows receiving an SDF (text) file, delimited or DBF, then importing it into Maximum. The file can be generated by any device.

► **Inventory physical count import**  
(standalone device)

This module allows automating the process of physical inventory calculations, whether partially or totally, using bar code readers. It allows receiving an SDF (text) file, delimited or DBF, then importing it into Maximum. The file can be generated by any device.

● **Task planner**

This module allows managing several periodic tasks, random tasks or tasks linked to events. These tasks will allow automatically checking certain information, printing reports, transferring information from external applications and Web sites. Lastly, this module allows (as with Windows') calling internal functions in Maximum Software.

● **Accessory modules**

Maximum Software is always delivered with various customizing and development tools, such as:

- **Report generator**
- **Form generator**
- **Screen generator**
- **Toolbar generator** (buttons)
- **Event manager**
- **Object generator** (adding files and variables to the database)
- **Internal programming language** (Visual Foxpro)



925-F, Pierre-Caisse  
St-Jean-sur-Richelieu, Qc  
Canada J3B 8C6

Head Office    Montreal  
450.349.1231    514.893.8949

Toll free        Fax  
800.388.8853    450.349.6294

[maximum@maximum.ca](mailto:maximum@maximum.ca)  
[www.maximum.ca](http://www.maximum.ca)