



Protex E.R.P.
Enterprise Resource Planning



SISTEMI FORMATIVI INTEGRATI PER AZIENDE TESSILI

59100 Prato Via Avignone, 5/7 Tel. 0574 43851 Fax 0574 438542

<http://www.computerhouseprato.com> e-mail: info@computerhouseprato.com



Protex E.R.P

PROTEX IS

our E.R.P. system
(Enterprise Resource Planning)

Enterprise Resource Planning

This term undoubtedly identifies one of the prime roles taken on by Information Technology to meet the challenges that businesses are faced with to improve their organizational processes due to the growing complexity and competitiveness of the economical system.

More and more companies are abandoning the traditional information technology systems and are turning to the implementation of Integrated Information Technology Systems .

Due to the strategic role assumed by information resource in the decision-making process of businesses, this phenomenon, which was initially adopted only by high-profile multinational companies, is now spreading to smaller concerns.

High quality and prompt decision-making, effective communication between various components of the organization and optimal management of the company's information resources are essential tools which allow the company to react quickly and effectively to the continuous challenges of an open market, characterized by constant innovations and cut-throat competition.

Installing an ERP system brings with it a series of potential performance benefits but, at the same time, requires considerable commitment of resources and has a significant effect on operations. A system that has such far-reaching effects demands the concerted, well-coordinated action of all the professionals involved, to guarantee its full and smooth integration into the organizational structure, keeping to the programmed time-frame and budget.

In other words, the choice to start a process of implementation requires the company to closely verify the preliminary conditions in order to guarantee its successful outcome.



Enterprise Resource Planning

An information management system in the textile business must integrate a database for some of the most complex applications in the whole industry. All this can be summed up in one technical word... "ERP".

In our case, integration reaches the maximum level of difficulty because of the many modules that have to be managed: from production control systems to production advancement, work scheduling to order confirmation, management control to price calculation, data collection from retail outlets to material needs, industrial accounting to optical image management, and from document filing to all the administration processes including cash flow and stock control.

All this data must be processed correctly and in real time.

Each department in the company is composed of various people and each one has to make his or her own contribution to construct the global archive that can be accessed by everyone for individual needs.

In order for everything to function properly, it is obvious that each procedure must have its own single, stand-alone module which may or may not be included depending upon the needs of the customer. All of the PROTEX modules are interconnected, and the constant reuse of all the information present in the global database is extremely advantageous.

The system, with the exception of schedules and bills of materials of the components, does not have a point of departure and arrival, but rather it can be seen as a data circle that can be entered at any point, depending upon the production logic of the company that uses its functions.

A sound procedure derives from a clear and precise logic, therefore, for each item produced, there will be initial entries of the following information under components and raw materials:

1. Commercial Information
2. General technical data
3. Direct materials required
4. Manufacturing goal and phase 3 affinity
5. Technical manufacturing data (times and methods)
6. Standard costs
7. Pricing
8. Image



Bivision

Business Intelligence Software Tool capable of replacing the traditional management of printed reports, by its enormous potential in the selection, manipulation and vision on any subject.

General Accounting

Traditional managerial accounting system capable of managing companies worth up to as much as 500 million euros.

Treasury

Compatible with the General Accounting module will meet even the most demanding Treasurer's expectations.

Industrial Accounting

Extracts data from the General Accounting module and processes them according to cost centers.

Application Management (PROTEX)

Works in any department in the company combining a variety of needs: from the management of bills of materials to the products, orders, invoicing and commission transactions, etc.

Quality Management

ISO quality control of clients, suppliers, purchase of materials both in production and finished.

Email Management (Document Server)

Data Collection

Every production machine can be monitored, and can receive data from the bill of material (spinning, spooling, looms, finishing machines, dye houses, automatic stocks, etc.).

Web Internet

Every agent or client (protected by password) can access his data and check his orders.

Store Sales

Control system of all the points of sale and management of the store, via an Internet connection, for the dispatch and receipt of orders.

Some of our products

SCHEDULER

A tool used for the diagnosis and control of potential productivity of all the departments (internal and external), valid both as MPS in general and at the scheduler end of department producing the provisional delivery date for the orders entered in the MRP and checking the just-in-time.

MULTIMEDIA Management

ARTICLE Packaging

Multimedia interface for management of the bill of materials for packagers, very flexible in combining the image of raw materials and the finished product.

Specific MODULES for the management of:

- Raw Textile Materials
- Finishings and Dye houses
- Producers of Yarns
- Producers of Fabric
- Articles Packaging
- Knitting Mill
- Finishings

CRM

Customer Relationship Management. This module globally manages all the information regarding the company's commercial contacts. A unique database which offers a number of advantages to anyone in the company who needs to share information on clients, potential clients, suppliers or third parties for commercial, marketing, production or administration purposes.

Management of Attendance

Management of Visitors

Access Control System

Chart of modules for the management of a textile company all interconnected but when necessary completely independent

Spinning Yarn Production	Finishing and dyeing	Textile Cad	Scheduler	
Access Control System	Production Fabrics Cottons, Wools, etc.	BiVision	Managerial Accounting And Treasury	Management of Attendance

E.R.P

Raw Materials (tops, wicks, yarns, etc.)	Compatible on WINDOWS,LINUX,UNIX,IBM, AS400, 3090 IBM. Compatible With the most important DBs (ORACLE, Invoicing, etc. SQLSERVER...)	Industrial C.Cost Application management Stocks, Orders, Invoicing, etc.		
Article and Knitting mill Packaging Multimedia Management And Bill of Material	Data Collection Production of Spinnings, Warpings, Looms	Quality Management	Management of Visitors	
Web Internet E-commerce	Crm	Stores Sales	E-mail Management On each Document	

WHAT ARE THE ADVANTAGES for the company?

Some of the numerous advantages of an integrated ERP system (Protex) with modules designed exclusively for the textile industry are the following :

1. Very reliable
2. Considerable data integration with no repetition
3. Specific vertical solution to each and every textile problem
4. Can be modified and adapted for specific needs
5. A guarantee for the future and upgrade with new tools
6. Low maintenance costs

It is also possible to create a data warehouse in various forms which is easily accessible and suitable for any need.

Protex has already been installed in over 200 medium and large companies in the textile sector. It has benefitted from our company's more than 25 years of experience and "know how" resulting in giant leaps in its quality and allowing us to provide our customers with all the latest innovative multimedia, Web and Internet technology.