

## Enterprise Management System for Envelope Printing Graphical Arts

### MAIN CHARACTERISTICS

- :: Estimating any type of envelope, bag and automailer
- :: Envelope's management and confectioning
- :: Definition of categories
- :: Changing of forms during the printing job
- :: Ink consumption
- :: Detailed calculation costs
- :: Simulation of other quantities
- :: Workflow for estimate's approval
- :: Application of margins and economic/financial analysis of the estimate
- :: Emailing the estimate to the customer

### JOBS EXAMPLES

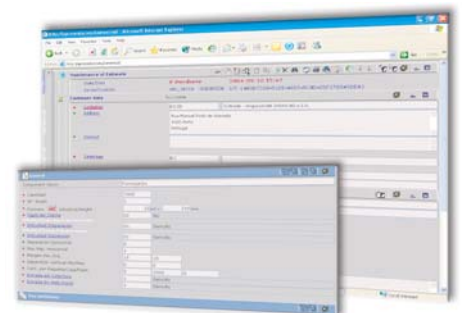
- :: Envelopes with/without window
- :: Automailer / Datamailer
- :: Normal CF / CF with cut
- :: Leaf Bag

Sistrade<sup>®</sup> Print is an ERP/ MIS developed by SISTRADE based on the most recent IT tools, giving access to all features through Internet, simplifying the company management from wherever you may be. We are talking about a *web-oriented* system, with a 100% WEB Browser interface and a database in SQL Server 2000/2005.

Sistrade<sup>®</sup> Print specializes in the envelope printing and confectioning area. This project comes from the need to implement Sistrade<sup>®</sup> Print in the graphical arts and printing industries which work with envelopes with/without window, automailer, datamailer, normal CF, CF with cut, Leaf Bag, etc. It is a completely customizable application, becoming very flexible to new specifications.

### ESTIMATE HEADER

- :: A header where all data related to the customer is registered, namely, customer's name, address, salesman, payment conditions, expedition data, quantity, estimate's description, delivery date, among others;
- :: Worklow, obeying a predefined sequence of approvals;
- :: After the estimate approval , the system may create a job order;
- :: Requested delivery date, durability limit and scheduled delivery date;
- :: Estimate description;
- :: Orientations from the customer;
- :: Technical specifications;
- :: Copies of previous estimates;



## JOB DEFINITION

- :: The job components are fully customizable and added to the estimate according to what is required by the estimator;
- :: Introduction of items fully adjusted to the customer;
- :: Definition of the type of format and quantity;
- :: Vamp and collar values;
- :: Wing value;
- :: Information about the paper (wether it belongs to the customer or not);
- :: Information about the separation value on the minimum/maximum feed;
- :: Changing of forms and dyes between duplicates;

## ENVELOPE PRINTING/ CONFECTIONING

- :: The system automatically calculates the imposition, according to the defined items, such as, machine, cylinder, formats, number of colors, among others;
- :: Indication of extra operations to perform while printing (for example, perforation) for each duplicate;
- :: The system estimates the paper consumption, as well as its total cost;
- :: The application determines, the ammount of dye that was consumed, according to the printing area;
- :: The optimization of the imposition is made according to the job to perform, the machine's capacity, the type of paper, etc.;
- :: The system suggests the paper to be printed according to the selected type of machine;

## ESTIMATE COSTS CALCULATION

- :: General costs with components and setup;
- :: Printing costs, evaluating the measures on the imposition and the printing time;
- :: Costs with colors, depending on the job area;
- :: Costs with resources/machines, setup times and respective requirements;
- :: Operations, including subcontract stages;
- :: Global cost identifying cost/benefit;
- :: Agent and salesmen commissions;
- :: Application of financial margins, with margin indexes, commissions, administrative costs, set costs, rappel, etc.;



Qtd	Linha	Formato	Pre. Unit.	Valor x	Custos
1000	1	A4	0,0000	0,0000	
1000	2	A4	0,0000	0,0000	
1000	3	A4	0,0000	0,0000	
1000	4	A4	0,0000	0,0000	
1000	5	A4	0,0000	0,0000	
1000	6	A4	0,0000	0,0000	
1000	7	A4	0,0000	0,0000	
1000	8	A4	0,0000	0,0000	
1000	9	A4	0,0000	0,0000	
1000	10	A4	0,0000	0,0000	
1000	11	A4	0,0000	0,0000	
1000	12	A4	0,0000	0,0000	
1000	13	A4	0,0000	0,0000	
1000	14	A4	0,0000	0,0000	
1000	15	A4	0,0000	0,0000	
1000	16	A4	0,0000	0,0000	
1000	17	A4	0,0000	0,0000	
1000	18	A4	0,0000	0,0000	
1000	19	A4	0,0000	0,0000	
1000	20	A4	0,0000	0,0000	
1000	21	A4	0,0000	0,0000	
1000	22	A4	0,0000	0,0000	
1000	23	A4	0,0000	0,0000	
1000	24	A4	0,0000	0,0000	
1000	25	A4	0,0000	0,0000	
1000	26	A4	0,0000	0,0000	
1000	27	A4	0,0000	0,0000	
1000	28	A4	0,0000	0,0000	
1000	29	A4	0,0000	0,0000	
1000	30	A4	0,0000	0,0000	
1000	31	A4	0,0000	0,0000	
1000	32	A4	0,0000	0,0000	
1000	33	A4	0,0000	0,0000	
1000	34	A4	0,0000	0,0000	
1000	35	A4	0,0000	0,0000	
1000	36	A4	0,0000	0,0000	
1000	37	A4	0,0000	0,0000	
1000	38	A4	0,0000	0,0000	
1000	39	A4	0,0000	0,0000	
1000	40	A4	0,0000	0,0000	
1000	41	A4	0,0000	0,0000	
1000	42	A4	0,0000	0,0000	
1000	43	A4	0,0000	0,0000	
1000	44	A4	0,0000	0,0000	
1000	45	A4	0,0000	0,0000	
1000	46	A4	0,0000	0,0000	
1000	47	A4	0,0000	0,0000	
1000	48	A4	0,0000	0,0000	
1000	49	A4	0,0000	0,0000	
1000	50	A4	0,0000	0,0000	

### Modules of ERP | MIS Sistrade® Print system:

- :: Commercial Management & Estimating
- :: CRM
- :: Stocks & Purchases Managemet
- :: Production Management
- :: Scheduling - Production Planning
- :: SCADA - Supervision & Data Acquisition
- :: Balanced ScoreCards
- :: E-business
- :: Mobile Business
- :: Quality Control
- :: Equipment Maintenance
- :: Electronic Invoicing
- :: Banks Management
- :: JDF - Job Definition Format

### Sistrade® Solutions for industry of:

- :: Commercial Print
- :: Flexible Packaging
- :: Boxes
- :: Labels
- :: Digital
- :: Envelopes
- :: Forms
- :: Editorial/Publisher
- :: Metalworking
- :: Textile
- :: Food

Simulating other quantities allows the estimator to foresee the costs and benefits this may have in case the customer will require several quantities. All this is possible thanks to the previously made customization of the raw materials and resources costs.

