

ebSoft web-based label systems

Online ports included to

ERP +

GHS-Systems



GHS

The global harmonization of hazardous communication
and labeling of chemical products

In the chemical and pharmaceutical industries, high requirements and flexibility are placed on a labeling system,

**Small containers
Laboratory
specimen samples**



**cartons
pallets**



IBC



**bags
pallets**



barrels



BIG BAGS



must be marked at least in the rules and language of the supplier and recipient



The marking is done by hand or automatic labelsystem.

- ◆ In the goods receipt(Raw-finished products)
- ◆ In filling
- ◆ in stock

- ◆ In picking
- ◆ In shipment
- ◆ In external warehouses

general informations:

With the web-based Ebsoft logistic system you can simply optimize your logistic processes. This system works with unicode and is multilingual. Furthermore the system supports all necessary barcodes and 2-dimensional codes. These single programm modules adapt very easily to the individual requirements that you need while fitting into your current procedure. It can be used as a single-user and as a global barcode-marking-tracking-system via the internet/intranet.

M1: layout-editor:

You can generate the labels layouts with our graphical layout-editor. Afterwards it gives you the opportunity to save and manage the generated labels as XML-files. While creating new layouts the needed variables can be selected in a special list. You can select those by simply clicking on it. For Example: Difficult layouts can be created in less than one hour.

M2: mask-generator:

You can find the mask-generator in the layout-editor. He generates the created input into a HTML-file. There are also a small amount of GHS-labels which have been created by Eb-Soft already.

M3: / M11: Programm + rule-generator

The rule-generator is integrated into the label system. The rules and standards automatically match to the existing regulations if you print standard layouts. These standard layouts will be created optically pleasant to you and get double-checked by the system before printing. The rules and standard are configurable for each customer and can be changed in your lokal system or in your ERP-system any time. By dint of these features all layouts get reduced to a few standard layouts.

In addition we provide following features in our system:

- **GHS-feature:** GHS-marking by CLP and UN regulations
- **Hazardous material-feature :** Transport- marking (ADR; IMDG; IATA, RID)
- **Logistic-feature :** Product-distribution-logistic-label.

M4: SQL-Database

EB-soft supports microsoft SQL-databases, also Oracle, Sybase etc.

M5:eb-application-server

An integrated application-server gives you the opportunity to print your labels online. You can also involve instantly your distributors, express agents, storages and contract packers without big effort into your logistic process.

M6:eb spool-system:

The eb spool-system with java-script-regulation is an autonomously working Eb-soft software while interacting with the other features. The eb-spool-system receives XML-files and generates fast and automatically the specific layout-version and file-version for the selected printer.

M 7:ebPrinter-driver:

For thermotransfer-driver: Eb-Soft provides for each printer an personalized driver to speed up numbering and hardcopy.

M 8: Windows-driver:

Eb-Soft supports all windws-diver. (Eb-Soft recommends microsoft)

M 9: ebWindows-Browser: .

The Eb-Soft software runs with microsoft's internet explorer. Input mask can be harmonized with the customers features.

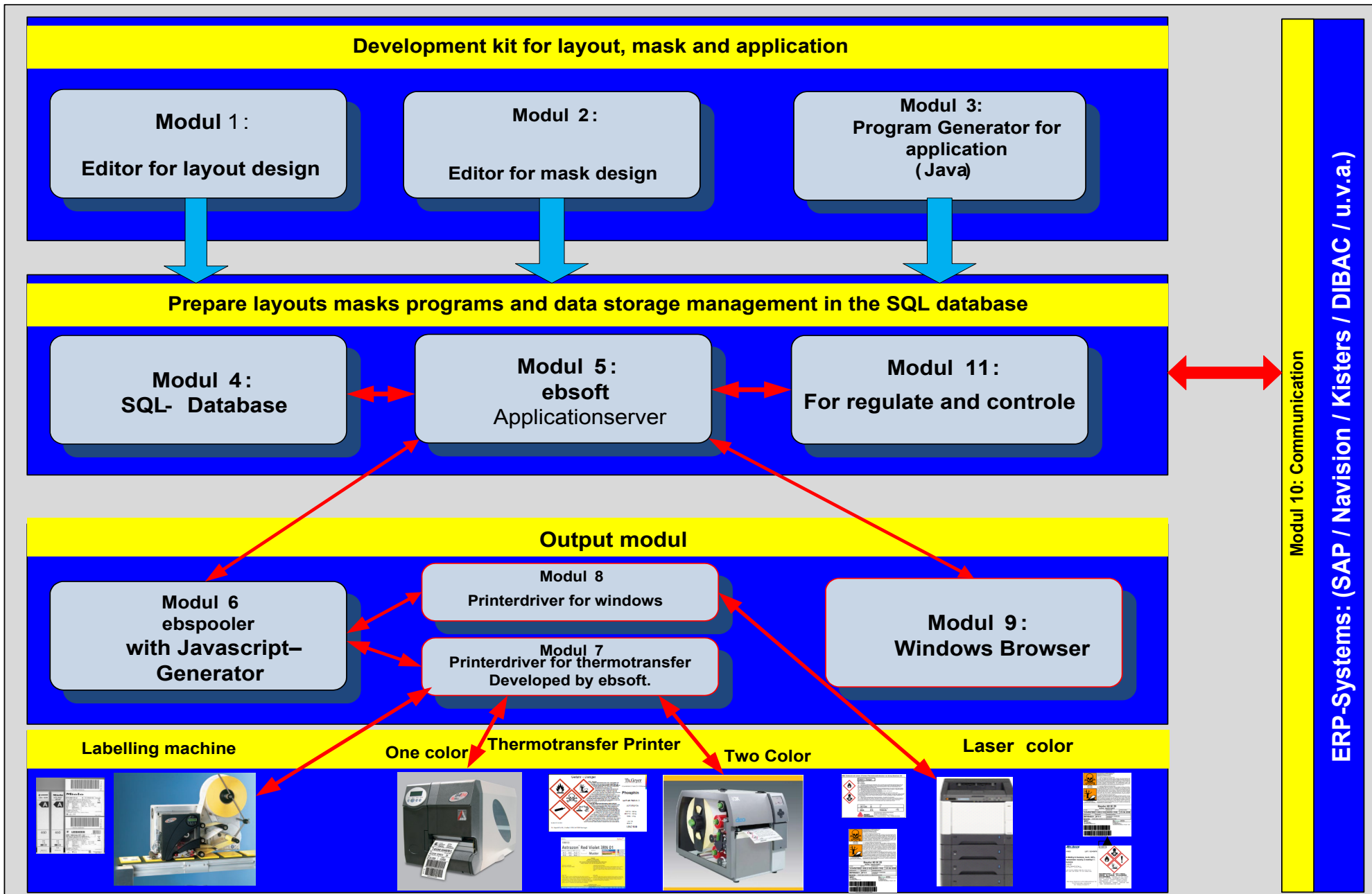
M 10: ebInterface-Modul (ports):

Eb-Soft places following ports for ERP-systems in service: PPS - SCM , ERP - CRM - WMS – LVS like SAP R3, MySAP, DIBAC, ChemGes, ChemDOX, EPOS, EH&S, Kisters, Navision, Waagen, calculation systems, storage regulation and SPS-Systems, Scanner. Also external user are able to reach these ports by mail. The Eb-Soft-print-system can be integrated into already existing and running processes.

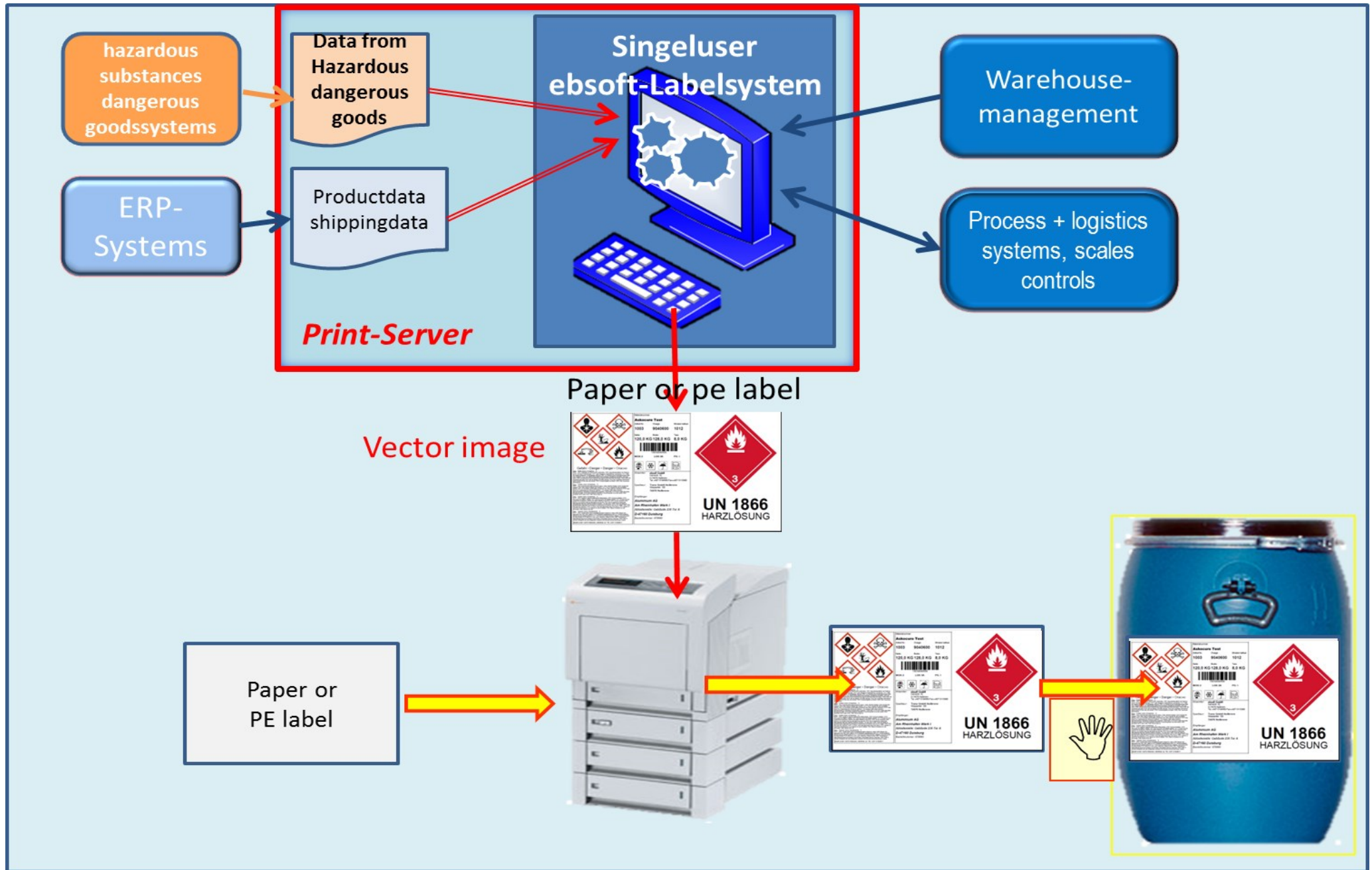
M11: Comfortable managing of printers.

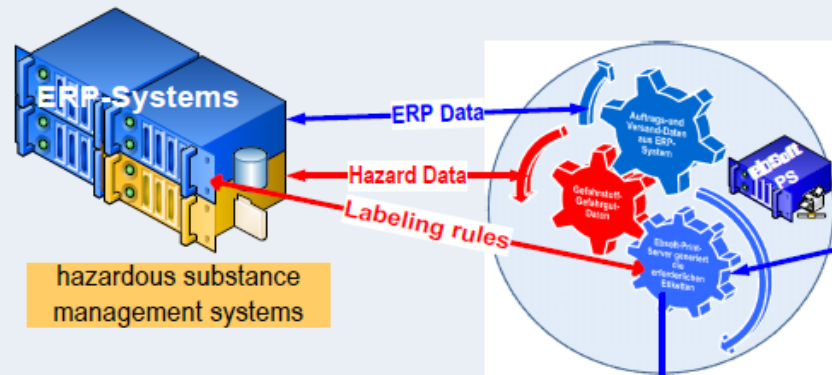
Your options:

1. Print automatically without giving an input to system control.

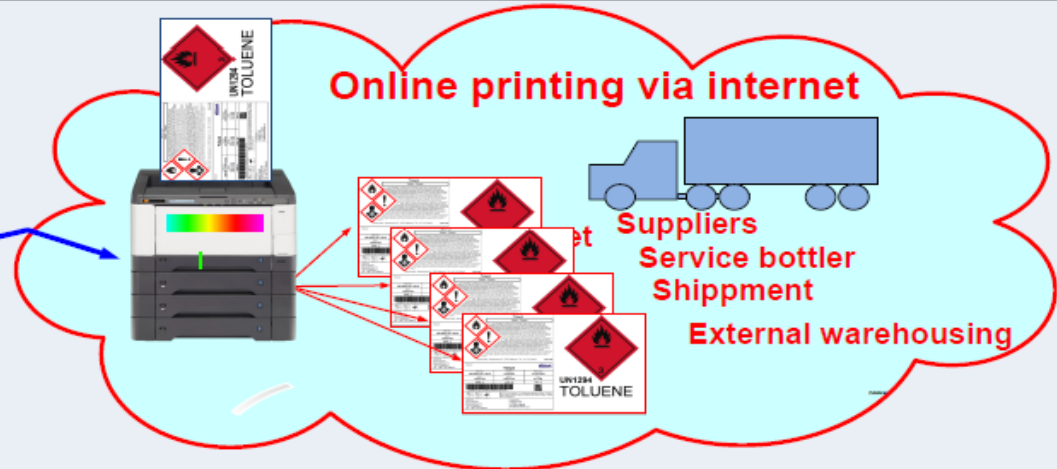


can be extended to the global label system.



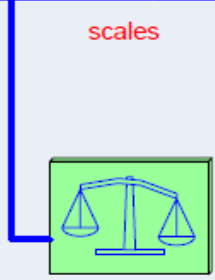
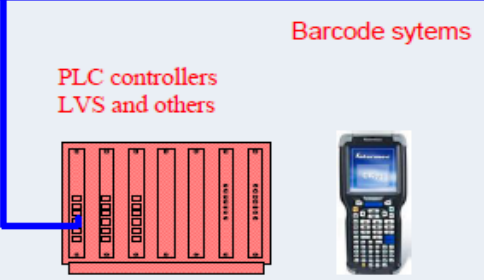
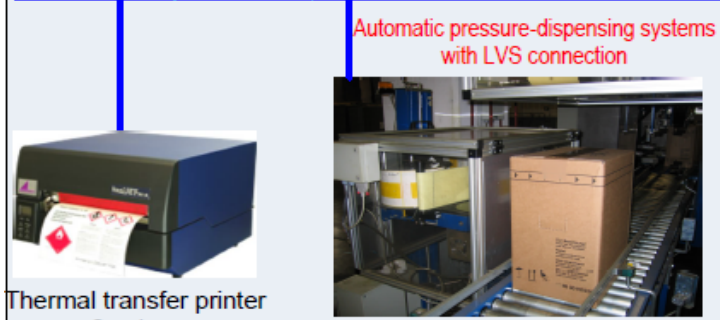
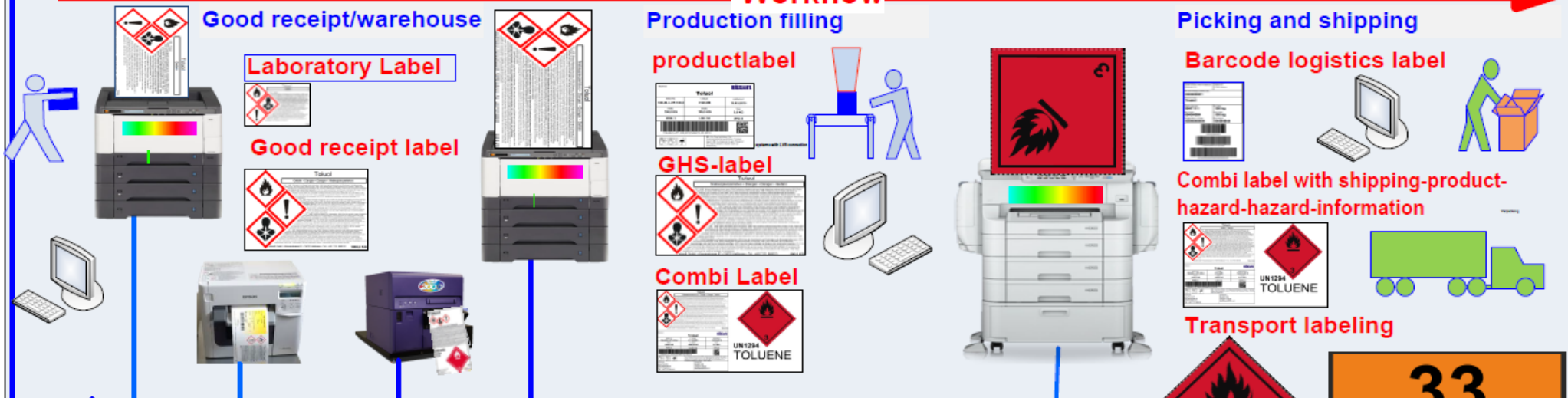


hazardous substance management systems



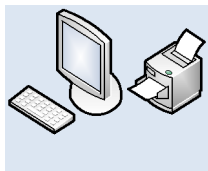
Factory network

Workflow



Ebssoft supports all common printers, as well as printing dispensing systems, LVS, barcode systems, PLC controls, scales and other components.

eblog V6-201



Singusersystem(1 USER, 1 Printer)

1.800.-€ without tax

Consist of:

eblog V6i-2002: input mask
Product, hazardous,dangerous good,
Other files

eblog V6i-2004: internal database
Without data, or *external sql database

eblog V6i-2005: eb Applikation Server

eblog V6i-2006: ebSpool-System

eblog V6i-2008: Druckertreiber

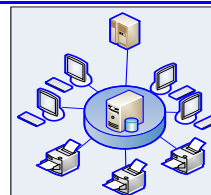
eblog V6i-2009: ebsoft program with embedded internet-
explorer

Application for the printing of labels with:

product-hazardous-dangerous goods -
information

*Prices of external database on request.

Input masks for product-hazardous material and
dangerous goods and pictograms are includes.



Ebsoft-Print-Server-System with: **9.000.-€** without tax

24 any Printer

5 Webclients

Additional printer or webclient **250.- €** without tax

**(A9, A8, A7, A6, A5) with applicati-
on for the printing of product ha-
zardous goods and combination
labels and standard layouts1 addi-
tional client workstation**

eblogV6i-2021: **1 additional client workstation
with layout editor, 1 printer.** **1.800.-€** without tax

Danger symbols **Für GHS-Kennzeichnung** **free**

Hazardous symbols **Für Transportkennzeichnung** **free**

pictogram **Für Lager, Transport, Handling,
Recycling etc.** **free**

H,P,EUH –phrases **Health hazard statemens** **free**
(german, english) **Response precautionary sta-
ments**

ebLog V6i-2021 Extention Layouteditor

1.000.-€ without tax

eblog V6-2060

Interfaces to:

SAP / SAP Business one /Chemical One von Part /Navision/ DIBAC / KHK /Kisters u.a.

1.000.-€ without tax

Eblog V6 2070

Hazardous goods management systems such as:

ChemGes, ChemDox, EH&S, EPOS, SOCAL, DIBAC Mail-Web-interface, others on request.

1.000.-€ without tax

Necessary adjustments are made with 110.-€ without tax.

Additional data can be provided if required:

Pro EU-language

250.-€ without tax

H,P,EUH -Sätze

All 27 EU-languages

3.000.-€ without tax

H,P -Sätze

Arabic RU, TUR, CHN, JPN, KR, Thai, per language

500.-€ without tax

Hazardous materials

Translation services of substances on request

On request

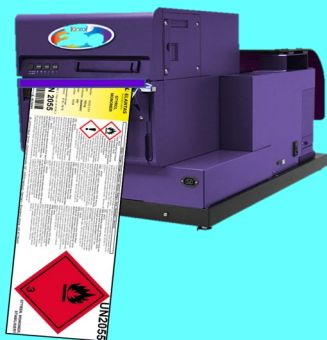
Dagerous goods

UNNR with Proper Shipping Name, Hazard label, ADR, RID, IMDG, IATA

1.000.-€ without tax

ebsoft recommends following printers for the chemical industry:

Ink-jet-printers:



Kiaro! 200D

Printing on labels from 108mm-214mm wide and up to more than 450mm in length, and with four separate, large-capacity ink cartridges and low running costs, the Kiaro! 200 is a perfect fit for on-site labeling of larger products including pallets, gallon jugs, barrels, and more!

Ideal for GHS and more!

The Globally Harmonized System of Classification and Labelling of Chemicals

Logijet TC-8 (CAB-Microplex-Valentine)

2-colour thermotransfer-GHS-printer:

print speed: up to 150mm/s
print resolution: 300 dpi x 300 dpi
Size: 100—228 mm width
ribbon width: max 220 mm



Color laser printer for single sheet

High flexibility: Capacity max. 2.150 Blatt.
Format: (DIN A6R-DIN A4) up to legal 14.
Grammage: (60-220 g/m²) while printing at high quality.

British Standard BS5609 certification



EPSON TM-C3500:

With the ColorWorks C3500 (TM-C3500), you can easily customise and print your own colour labels. Whether it's printing packaging labels with colourful logos and pictures or tickets and ID cards with important barcodes and product information. It also helps you conform with GHS international chemical labelling guidelines, as labels can be printed on-demand. Printing Width: max. 203 mm. Printing speed: max. 92mm/sec

British Standard BS5609 certification



EPSON GP-C831

It combines all the benefits of a rugged colour inkjet printer with the accuracy of an 8-pin tractor feeder and is the first inkjet solution that has been **BS5609 certified** (complies with the latest GHS standards for chemical labelling). Ideal for large labels including large format drum and chemical labeling. Print speeds of up to 91.7mm/sec.



EPSON Ink-jet printer for single sheet:

A4- oder A3-Format

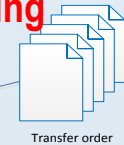
Black: 19 ISO cpm / Color 19 ISO cpm

20 - 24 pages / min while printing DIN A6 - DIN A3 and printing width: 216 mm, printing length: up to 1.000 mm
grammage: 220 g/m²

British Standard BS5609 certification

ebsoft supplies the BS5609 certified labels for the respective printer types, adapted to the requirements of the chemical industry.

Optimization of dispatch processing



Transfer order

Carrier 1



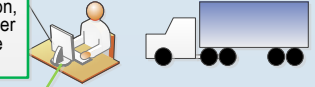
Carrier 2



Carrier 3



Carrier N



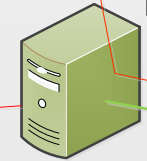
Step: 2
For a specific time window (day, time), the supplier orders the deliveries of the orders to be sent (quantity, weight, consignee, etc.) and orders a forwarder $i = 1..x$ with the transport, mail, fax etc.

Step: 4
1. Confirmation of the collection date
2. Provide delivery on the given date.
3. Supply loading.
4. Confirm for statistical analyzes with day and time.

Step 1
Planning the pickup times with time window per workday for the Delivery in the loading zone for 1 day, 1 week, 1 month

Step 3: The forwarder plans his pickup as follows:
1. Call the supplier's scheduled pickup times via the Internet.
2. Select delivery day with free time window and enter the transport order number and confirm.
3. The period is reserved for the collection, marked in color and is blocked for all other participants. These can only reserve free time windows for collection.

Internetserver



Containerbuchung Leinfelden						
11 Mai 2014						
Zeit	Dauer	Benannt	reserviert	bestätigt	abgeschlossen	Anmerkung
7:00 (Anden)	1 Stunde(s)	unbekannt				
8:00 (Anden)	1 Stunde(s)	unbekannt				
9:00 (Anden)	1 Stunde(s)	unbekannt				
10:00 (Anden)	1 Stunde(s)	unbekannt				
11:00 (Anden)	1 Stunde(s)	unbekannt				
12:00 (Anden)	1 Stunde(s)	unbekannt				
13:00 (Anden)	1 Stunde(s)	unbekannt				
14:00 (Anden)	1 Stunde(s)	unbekannt				
15:00 (Anden)	1 Stunde(s)	unbekannt				
16:00 (Anden)	1 Stunde(s)	unbekannt				

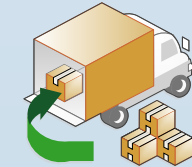
Containerbuchung Leinfelden						
Mai 2014						
Montag	Dienstag	Mittwoch	Donnerstag	Freitag	Sonntag	Samstag
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



Picking the deliveries



In the dispatch



loading