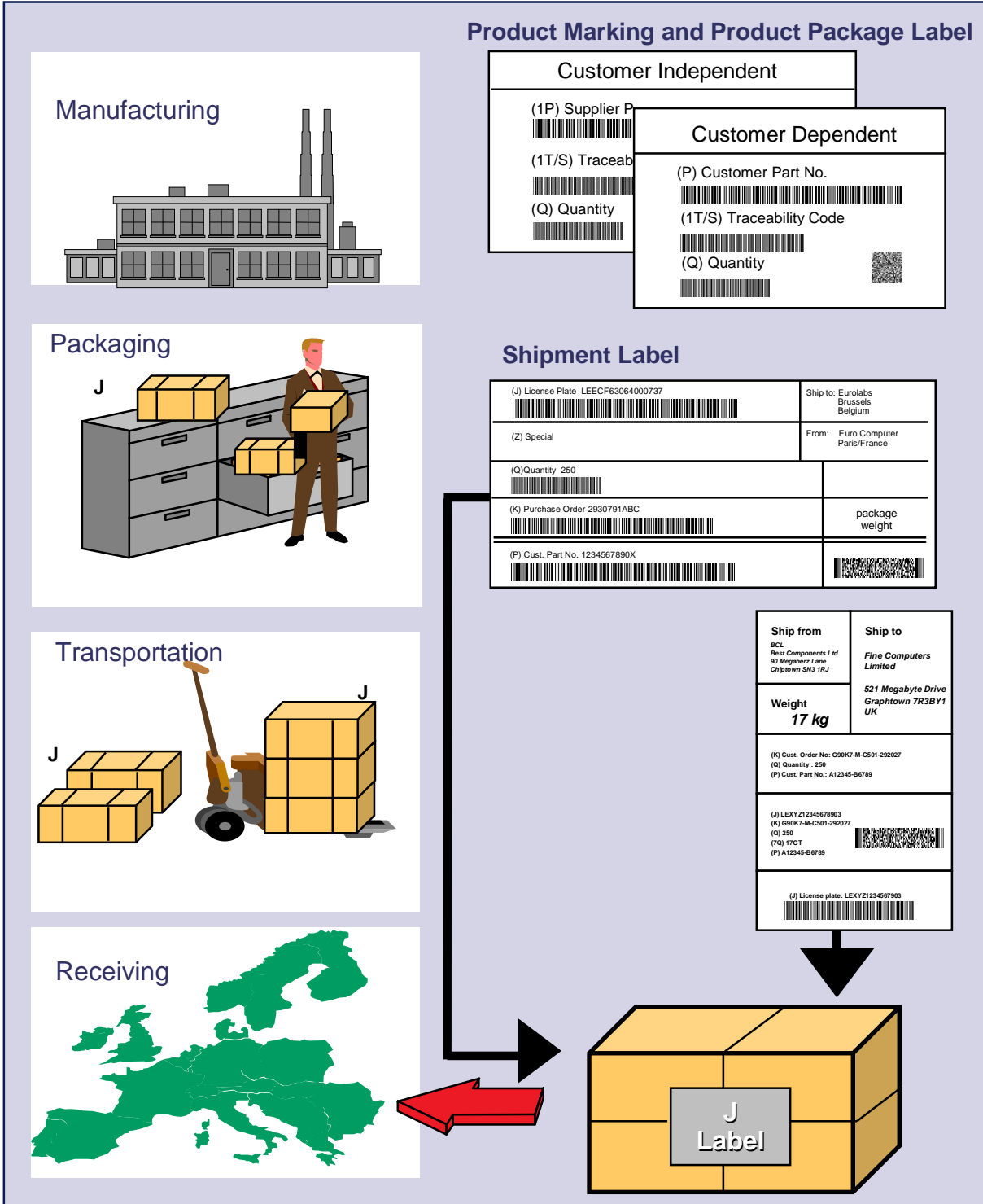
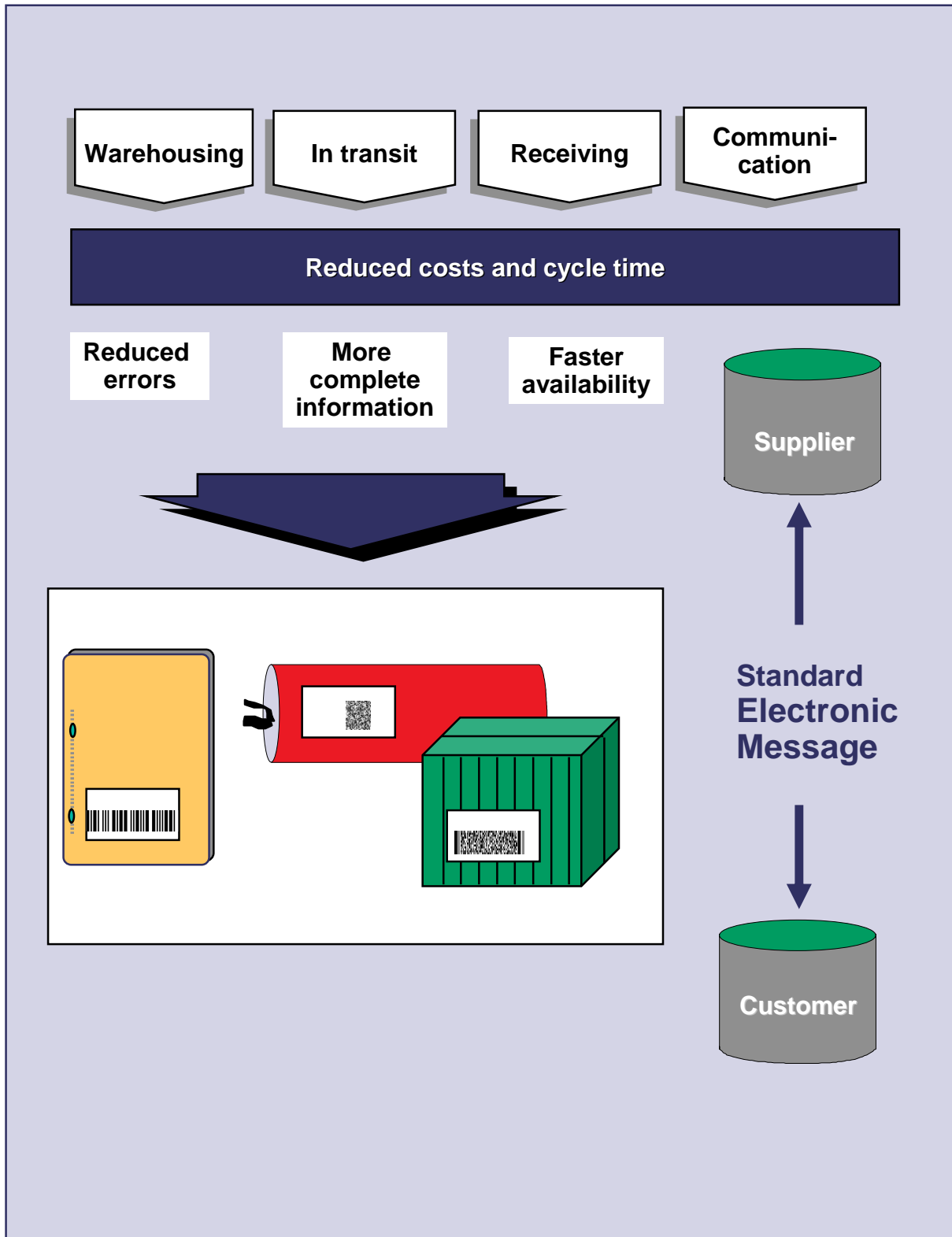


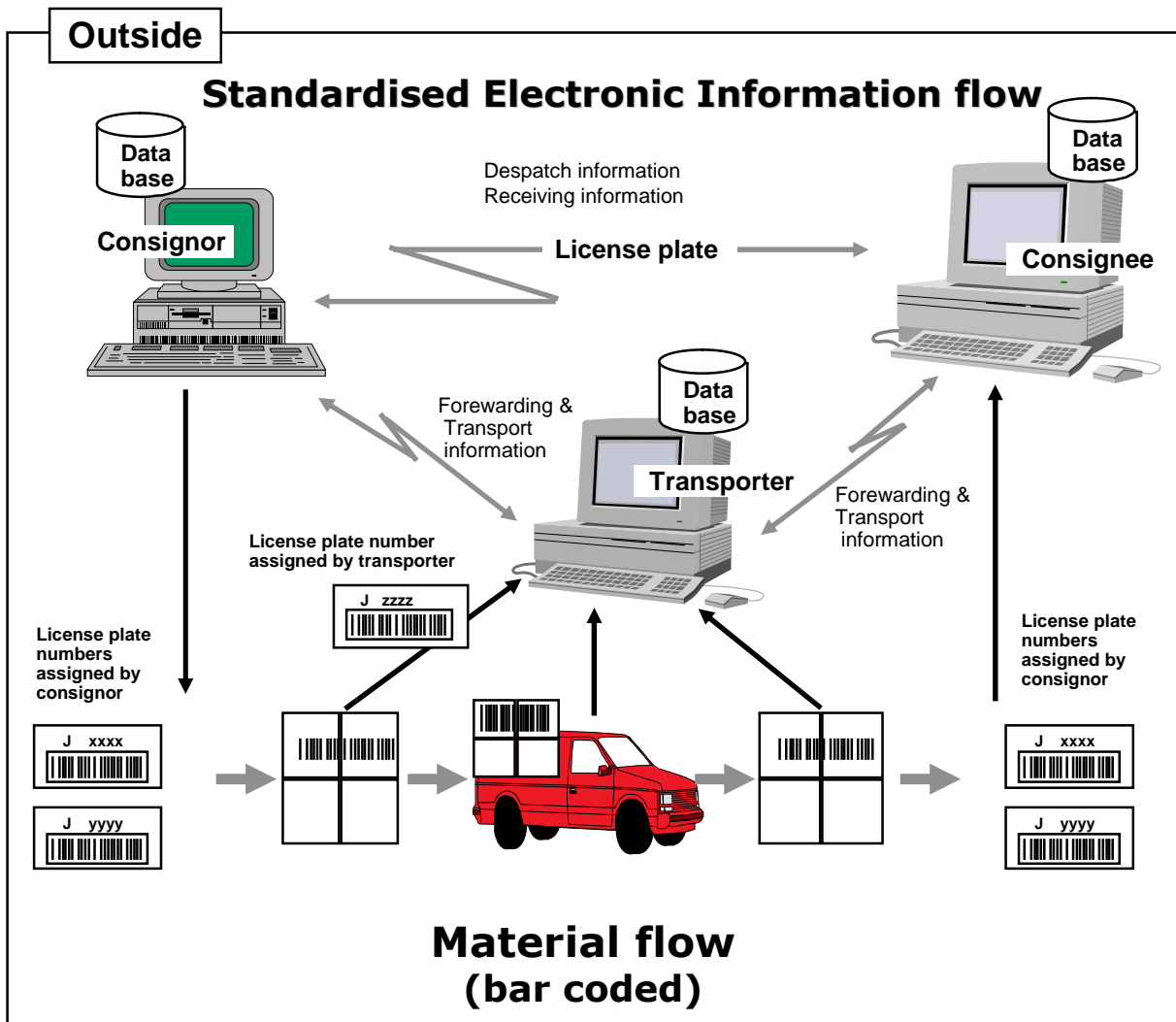
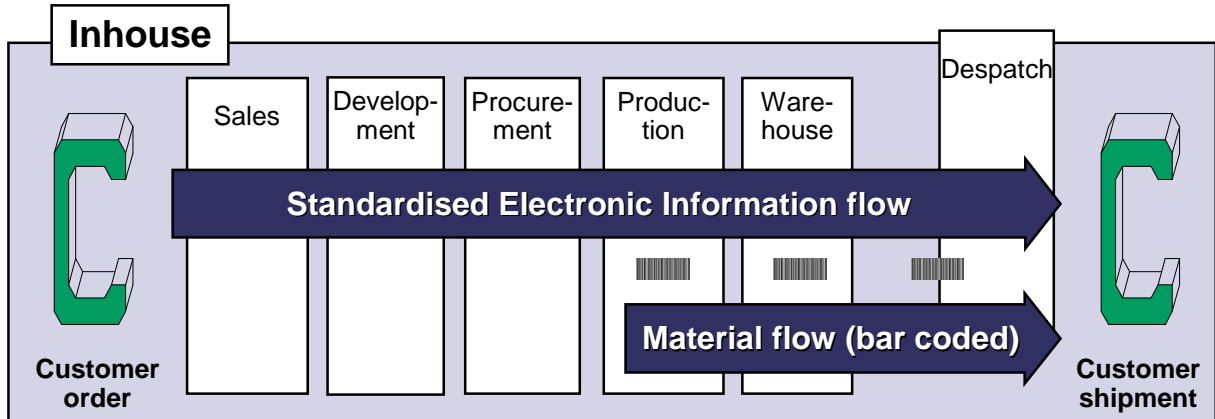
Concept for Bar Code, 2-D Symbols and B2B in Logistic Processes



Advantages



Reason for Concept: Changing from Manual Handling to Automated Processes



Despatch information: DESADV/PIP3B2

Receiving Information: RECADV/PIP4B2

Forwarding & Transport Information : IFTMIN; IFTMAN; IFTSTA/PIP3B3

Product Marking and Product Package Label (manufacturer-specific)

Customer Independent

Required and optional data:

(1P) Supplier Part No. 	Date Supplier Identification <i>others</i>
(1T/S) Traceability Code 	
(Q) Quantity 	
Country of origin	
mandatory	optional

Example for Product Package Label:

(1P) Supplier Part No. 6ES5 454-7LA11 		QTY:1
(S) Serial No. C-D4320003 		Product State
(1T) Lot Number L987 		(Version)
(Q) Quantity 1 		:07
DIGITAL OUTPUT MODULE MOD. SORTIES TOR UNITA D' USCITA DIGITALE 6ES5 454-7LA11 Country of origin : DE	MODULO DE SALIDA DIGITAL DIGITALAUSGABE 16X24V DC2A	 UL/CSA 000

Examples for Product Marking:

(direct marked)

(S) Serial No. CE1320002 102-BMA02

6

Required information
in bar code where applicable

(with label)

(1P) Supplier Part No. 6ES5 441 - 8MA11

(1T) Lot Number L678

(S) Serial No. CE1320001

0.2A PILOT DUTY, 0,5a
5w TUNGSTEN MAX. 50 V, DC
CAUTION: USE WIRES-
SUITABLE FOR 75°C

Made in Germany

Product Package Label (customer-specific)

Customer Dependent

Required and optional data :

①

(P) Customer Part No.



(Q) Quantity



(1T/S) Traceability Code



Country of origin

mandatory

Date

Supplier Identification

others



optional

Example for Product Package Label:

(P) Cust. Part No: ROP101196 P1A



(Q) Quantity 1



(S) Serial No. D-1234001



(1T) Lot Number L123



Country of origin : NL

(18V) Supplier Identification : LEXYZSUP1



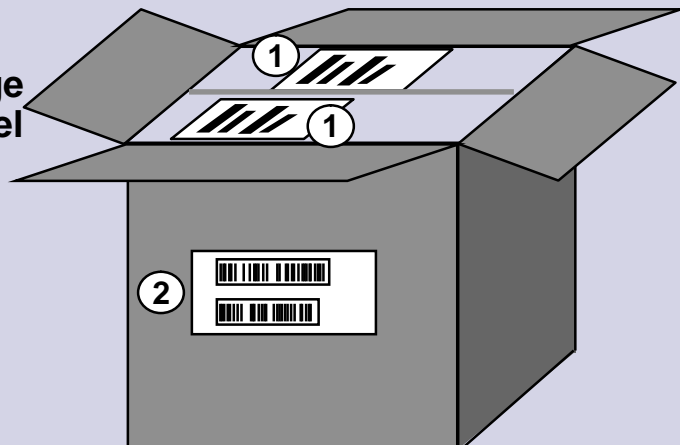
(11D) Date 199843



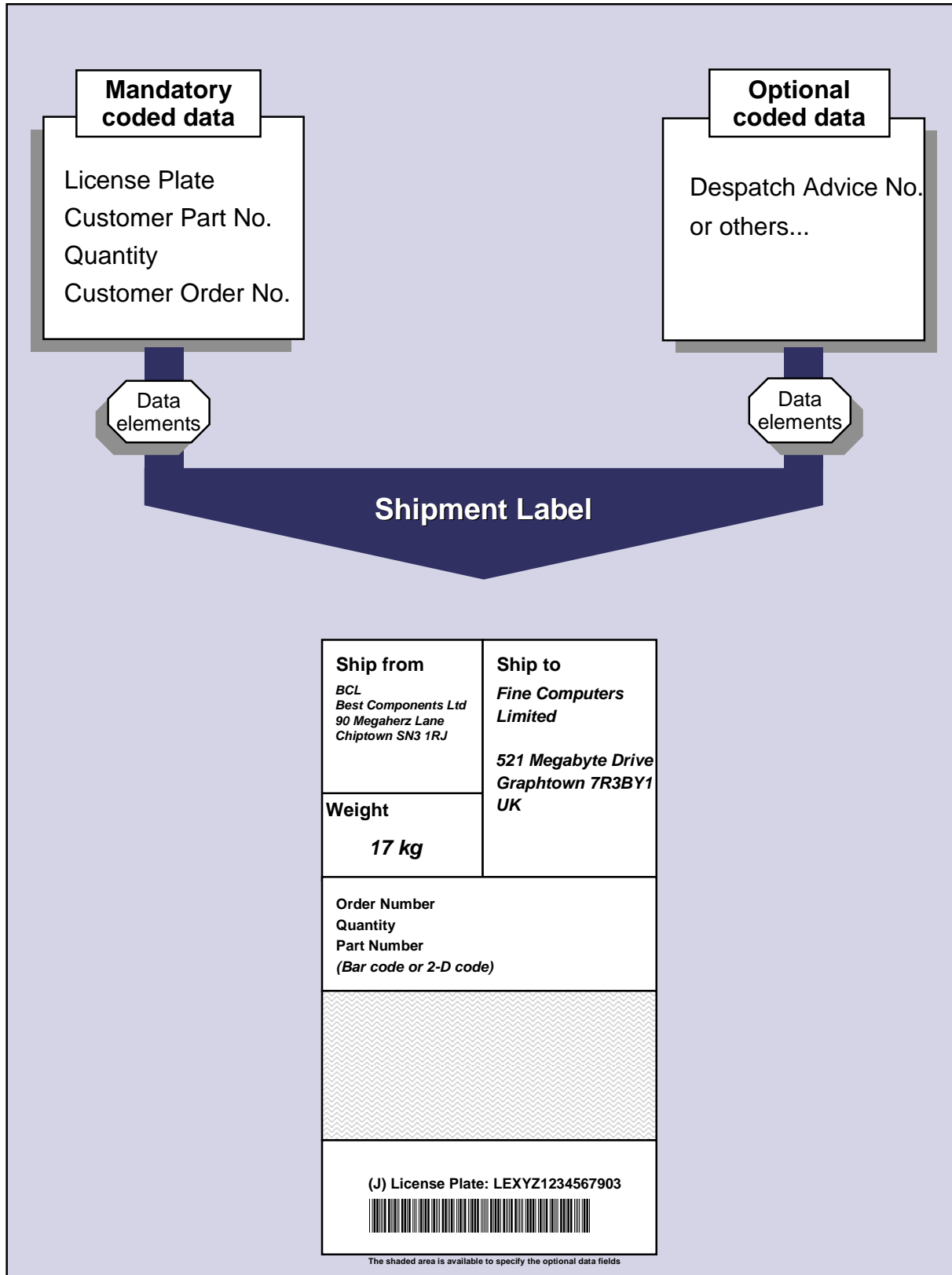
Example for relationship between Product Package Label and Shipment Label

① Product Package Label

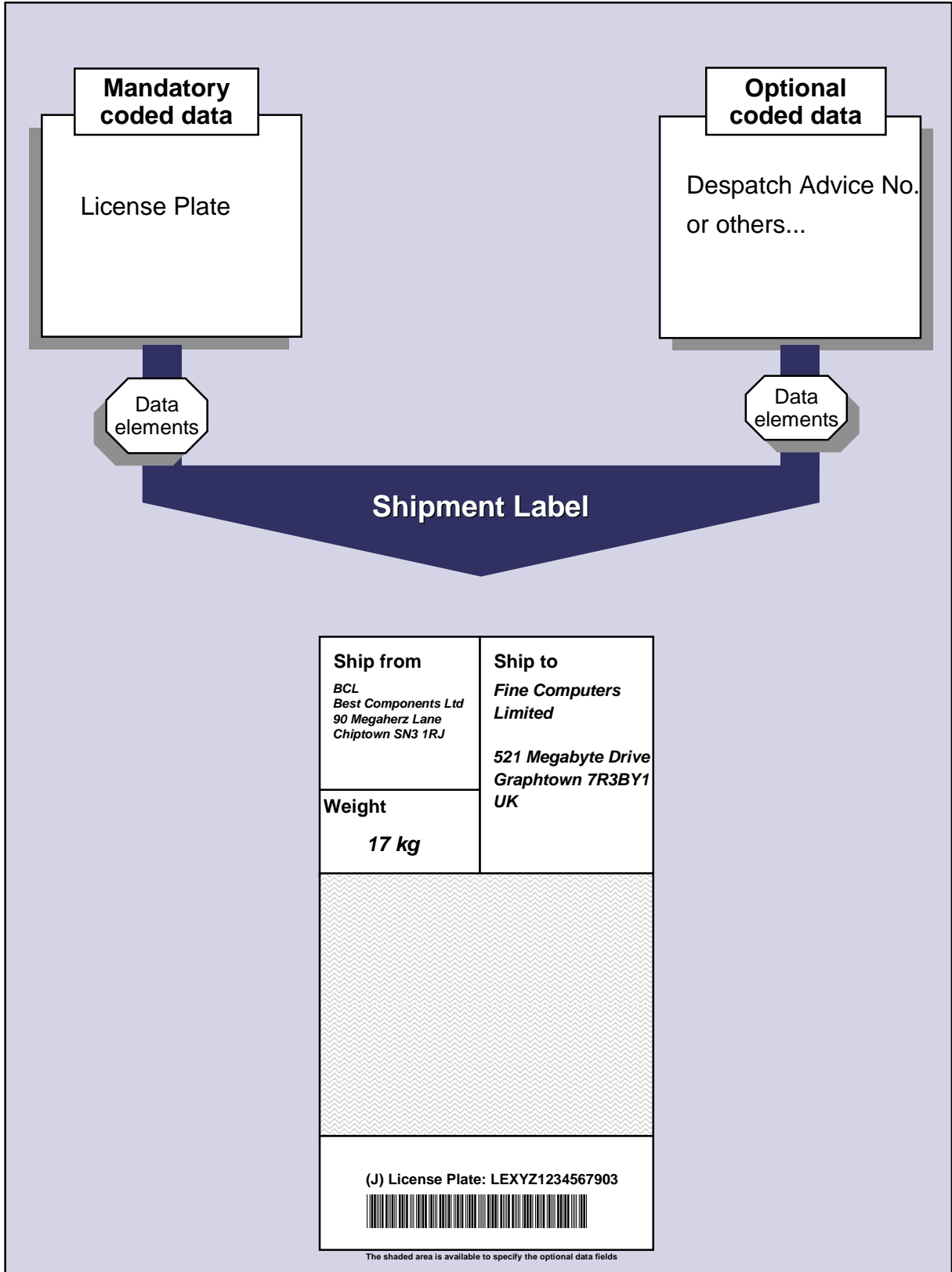
② Shipment Label



Shipment Label without electronic information



Shipment Label with advance electronic information



EDIFICE Automatic Data Capture Group

Charter

The EDIFICE Automatic Data Capture Group (ADC) works on guidelines and recommendations to facilitate the implementation of bar / 2-D codes on labels and RFID in conjunction and in support of standardised electronic message exchange.

Membership

ADC consists of all those with either expertise in the technical area of interest, or a willingness to represent the user's requirements to be taken into account. They may be from any EDIFICE member company, or from outside the membership or even outside the industry as a whole, at the discretion of the chairman. Meetings are 2 to 4 times per year.

Areas of activity

The current and future issues of concern include:

The development of Guidelines for Shipment and Product Package Labels.

The creation of EDIFICE implementation guidelines for Shipment and Product Identification.

The implementation of bar/2-D Code labels into the EDI scenarios of the EDIFICE Physical Distribution Group.

Contribution to international coordination efforts with respect to the above mentioned bar/2-D Code development activities. The main parties involved are Electronic Industries Alliance (EIA) and EIA Japan (JEITA).

Presenting EDIFICE's point of view within CEN/ISO/IEC in the area of standardisation for Automatic Identification and Data Capture Techniques.

Results

Guidelines for EDIFICE Shipment Label and Product Package Label.

Alignment between the standardised electronic messages and bar coded shipment and product package labels.

Implementation of Data Identifiers (ANSI/FACT) and ANSI Print Quality Guidelines.

Relationships to CompTIA/EIDX; IATA; ODETTE, CEA and JEITA

EDIFICE as Issuing Agency for "License plate".

Publication of License plate implementation guideline

Guideline for Global Unique Identifiers (GUI)

Information brochure about the use of the Bar Code and 2-D Code.

Framework for EDIFICE Documents on Bar Coding and Labelling:

ANSI MH10.8.2 Data Application Identifier Standard

ISO/IEC 15417 Bar code symbology Specification – code 128

ISO/IEC 16388 Bar code symbology Specification – code 39

ISO/IEC 15459 Part 1 and 2: Unique Identification of Transport Units

ISO/IEC 15394 Bar Code and two-dimensional symbols for shipping, transport and receiving labels

ISO/IEC 15418 Information Technology - Automatic Identification and Data Capture Techniques –

International Bar Code Symbology – Data Application Identifiers

ISO/IEC 15434 Information Technology – Automatic Identification and Data Capture Techniques -

Transfer Data Syntax for High Capacity ADC Media

ISO/IEC 15438 Information Technology – Automatic Identification and Data Capture Techniques -

Symbology Specification - PDF417

ISO/IEC 16022 Information Technology – Automatic Identification and Data Capture Techniques -

Symbology Specification - DataMatrix

ISO 3166 Country Codes

UN/ECE Recommendation No. 20

Further information may be obtained from the members of the EDIFICE Automatic Data Capture Group

EDIFICE secretariat: Dora Cresens Tel: +32 16 76 54 40 e-mail: info@edifice.org