

GS1 Industry and Standards Event: Transforming Business Together

- SSCC Adoption in German Courier, Express and Parcel (CEP) Market -

BdKEP – Warsaw - Oct, 12th 2015



Agenda

1. Bundesverband Kurier-Express-Post-Dienste (BdKEP)
(Association of Courier, Express and Postal Services)
2. B2B – GS1 Standards (with Freight Forwarders / Carriers)
3. B2C – NO Standards
4. SSCC for CEP (**C**ourier **E**xpress **P**ostal Companies)
5. Label with SSCC for CEP
6. EDI for CEP
7. Practical Example - OPS



BdKEP

BdKEP represents about 240 members

- Courier-, Express-, Postal Services
- Independent Subcontractors in Transport Sector
- Postal Agencies

- Membership and close Cooperation with „Händlerbund“ (about 35.000 members in e-commerce)

The Board

- Andreas Schumann (Chairman)
- Achim Beier (Messenger transport Logistik)
- Bert Hierl (e-Kurier Laderaumbörse)
- Carsten Kaps (PAGD)
- Kemal Keskinsoy (issit)
- Wolf D. von Trotha (P2)



Activites

Lobbying

- Postal Law
- Statutory Minimum Wage
- Education & Work Safety
- State Authorities
- Press: Verkehrsrundschau, DVZ, Transport, KEP Aktuell, KEP Nachrichten
- **Standardising**
- FairKEP Signet

Market Monitoring

- Studies CEP Market
- Start-up Radar
- M&A

Open Postal Alliance

- Multi-Stakeholder-Initiative for open Postal Markets
- Open Parcelboxes, Parcel Shops, Return Systems, **Standardising**

Events

- Workshop's & iKEP 2015
- Talks & Panel Discussions

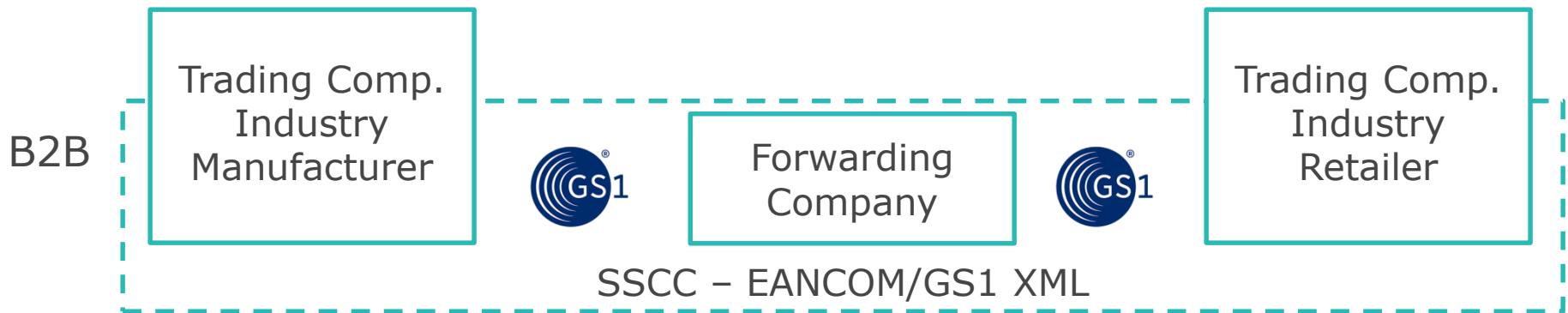


B2B – GS1 Standards in Forwarding Industry

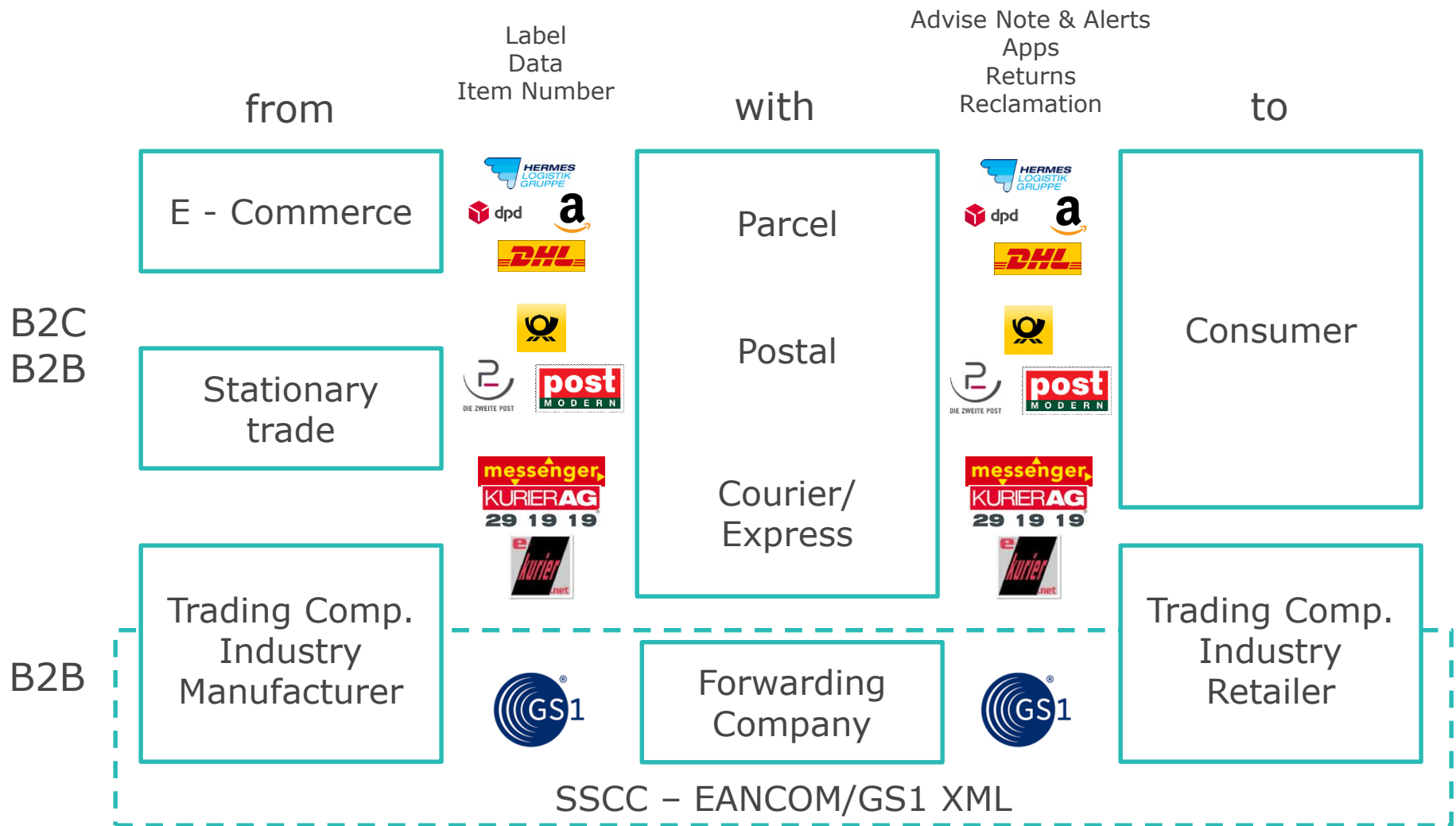
from

with

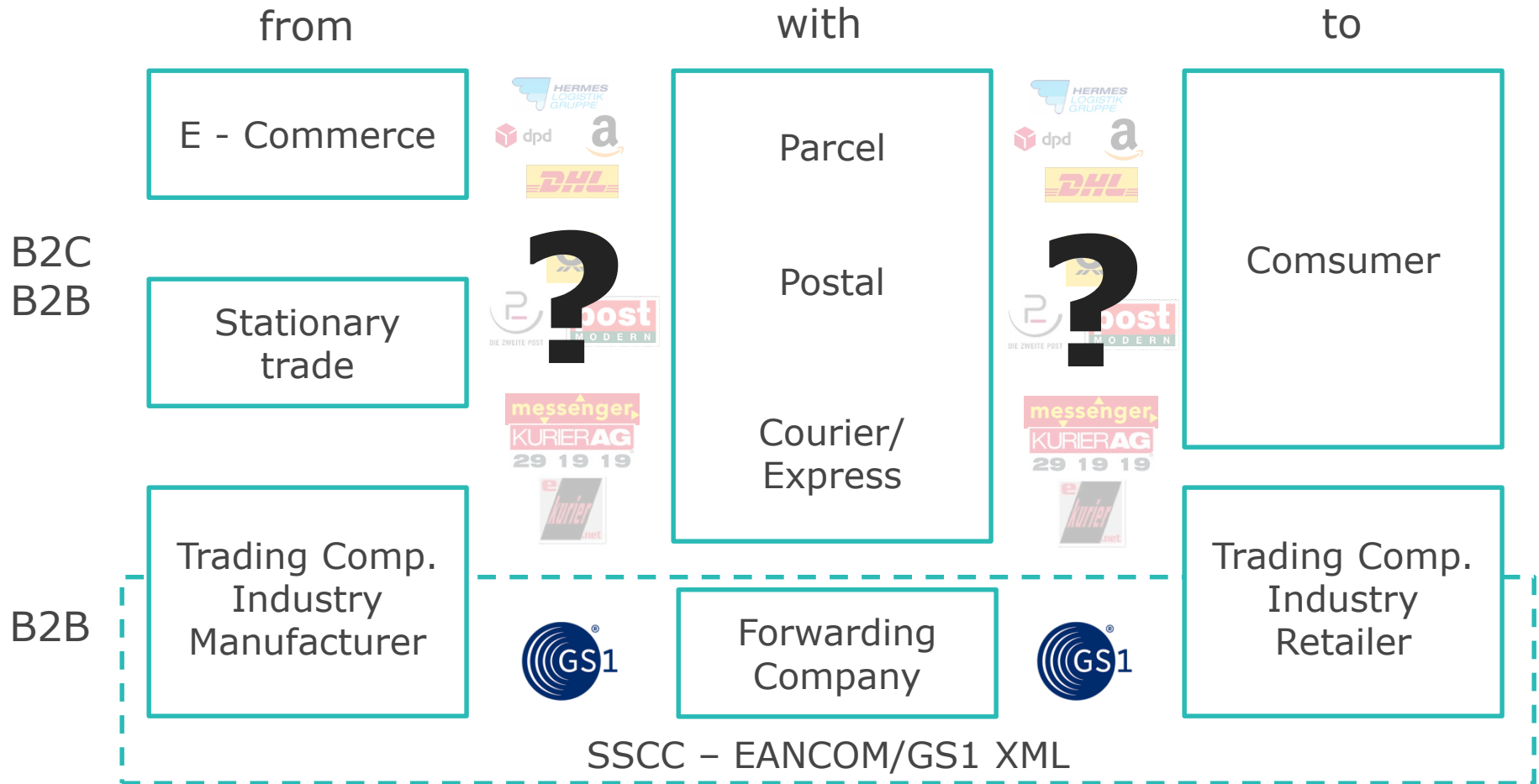
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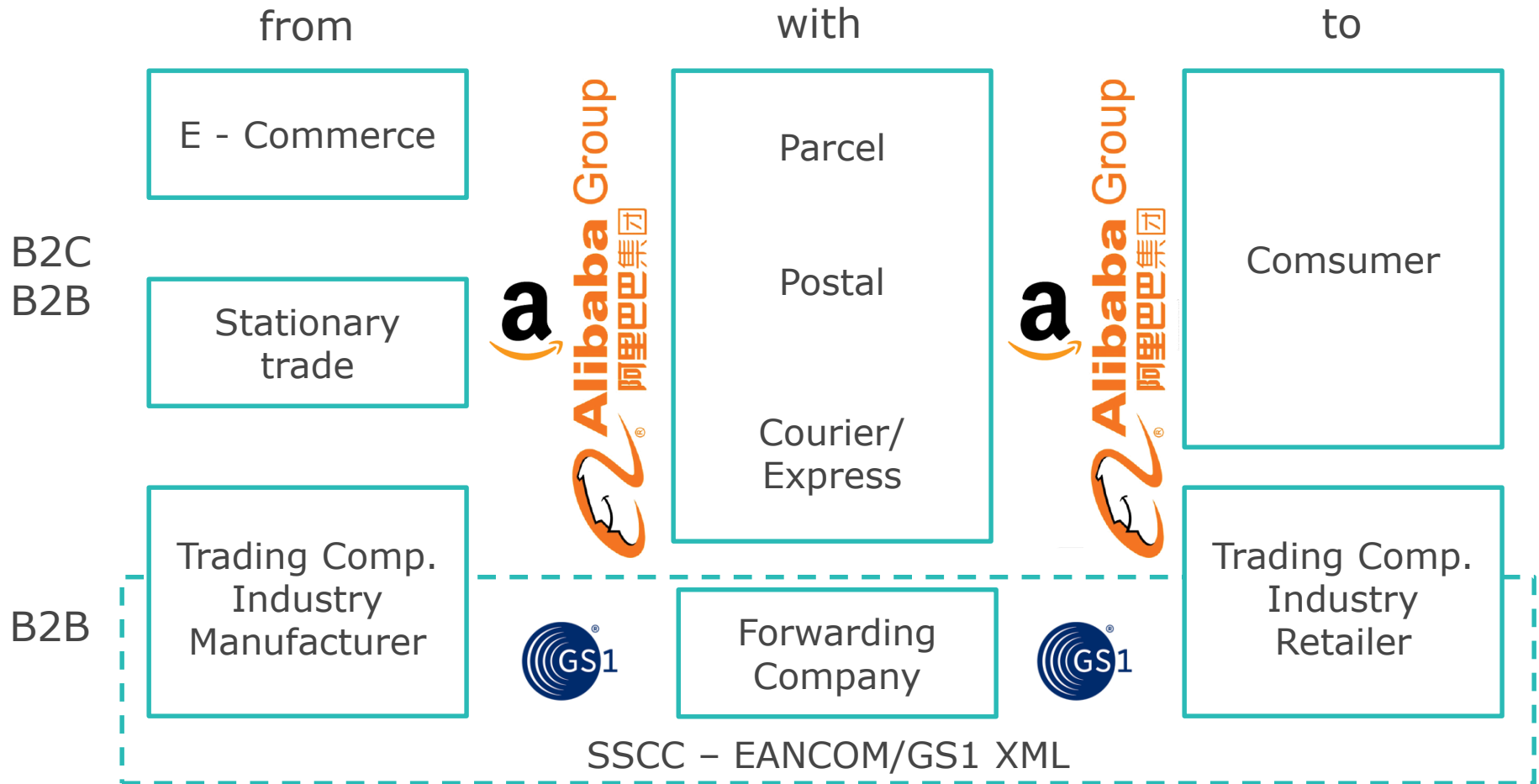
B2C – NO Standards in CEP



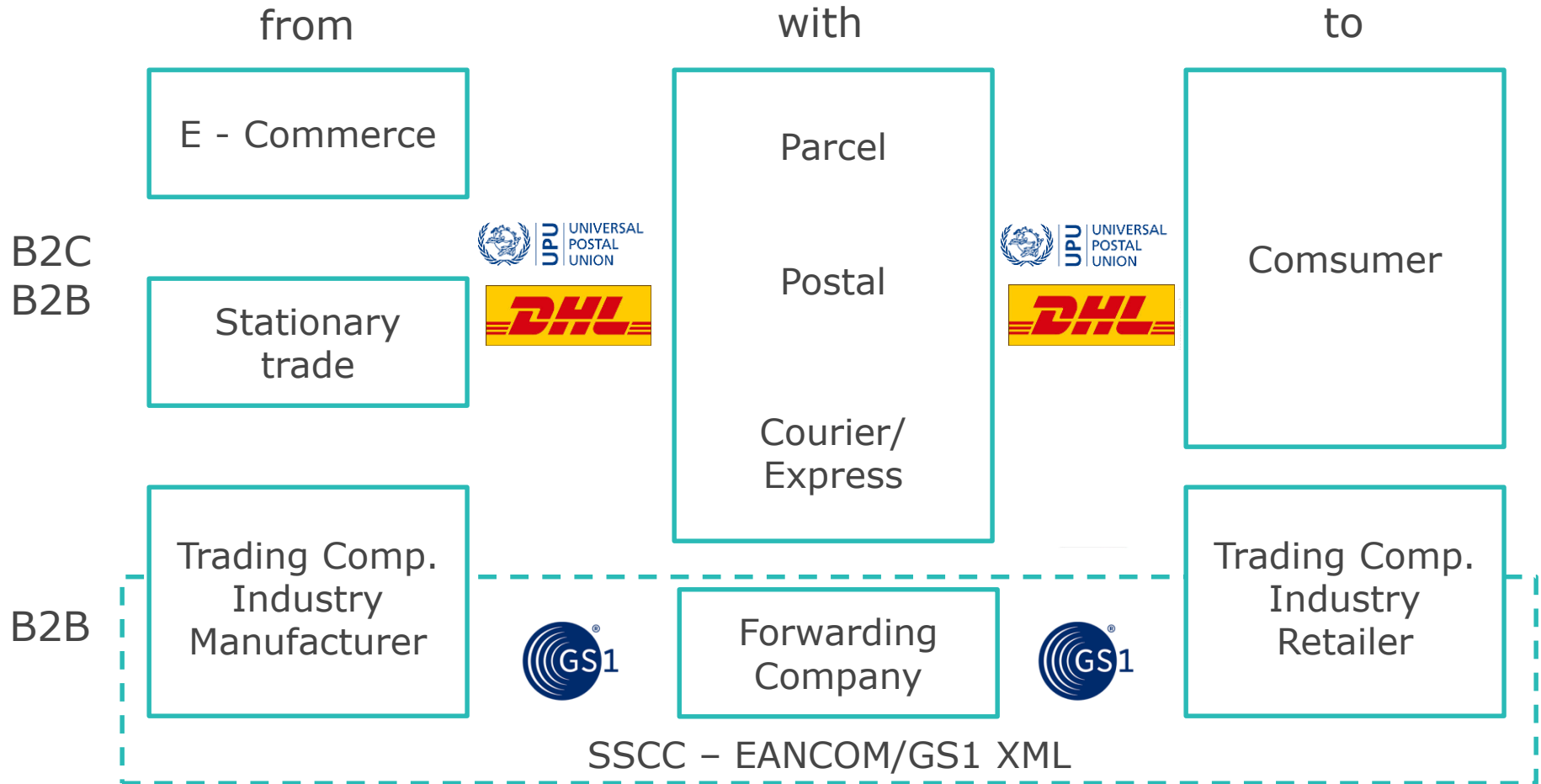
B2C – Standards: How / Who Implements ?



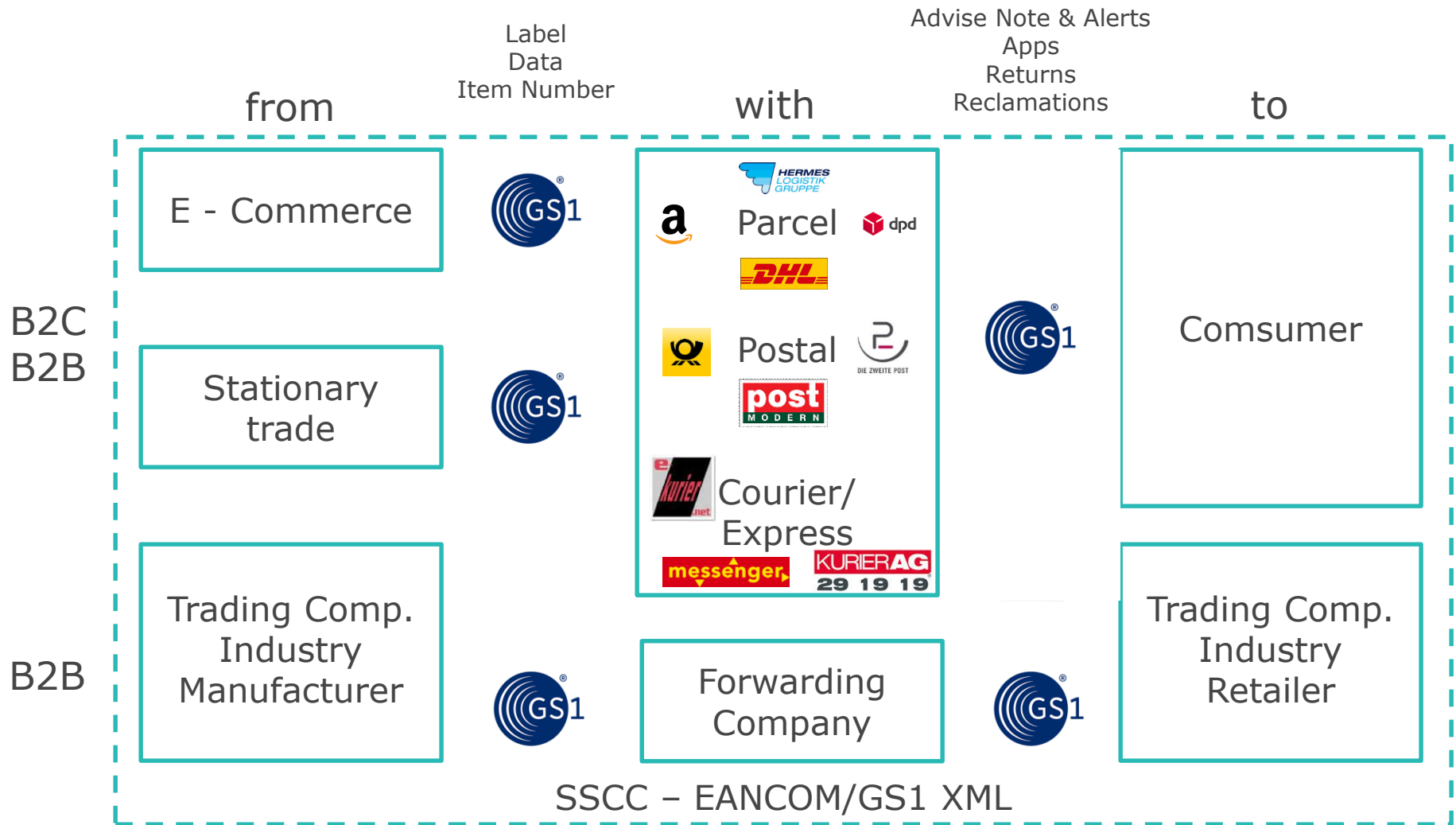
B2C – Standards = E-Commerce Platforms ?



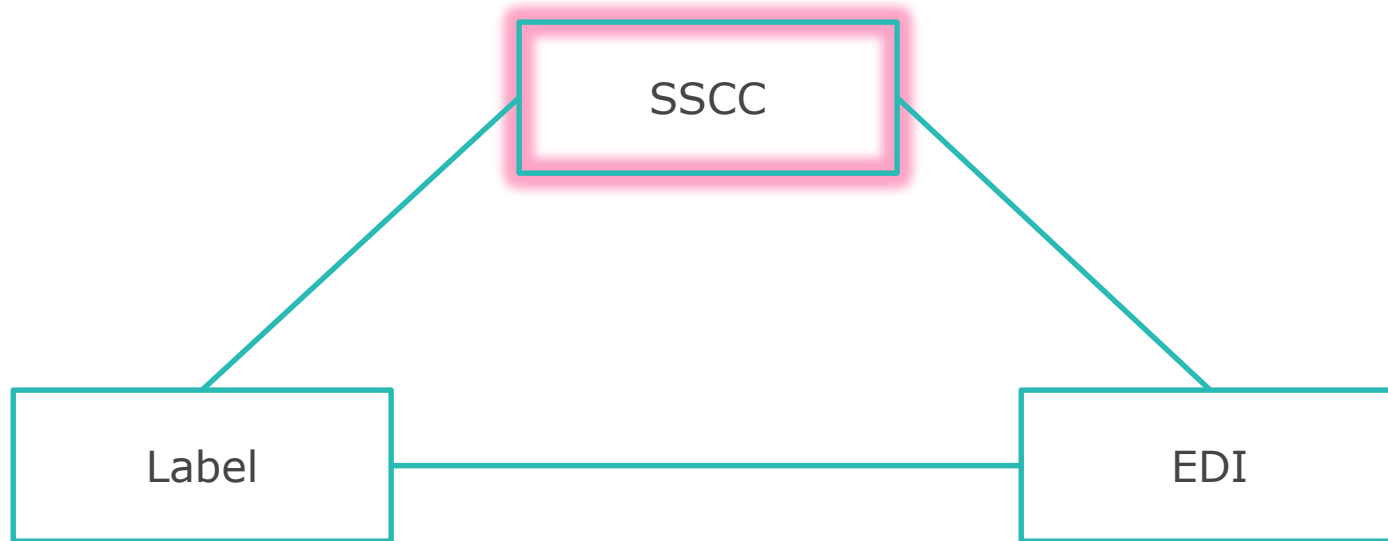
B2C – Standards = UPU, DHL & Co. ?



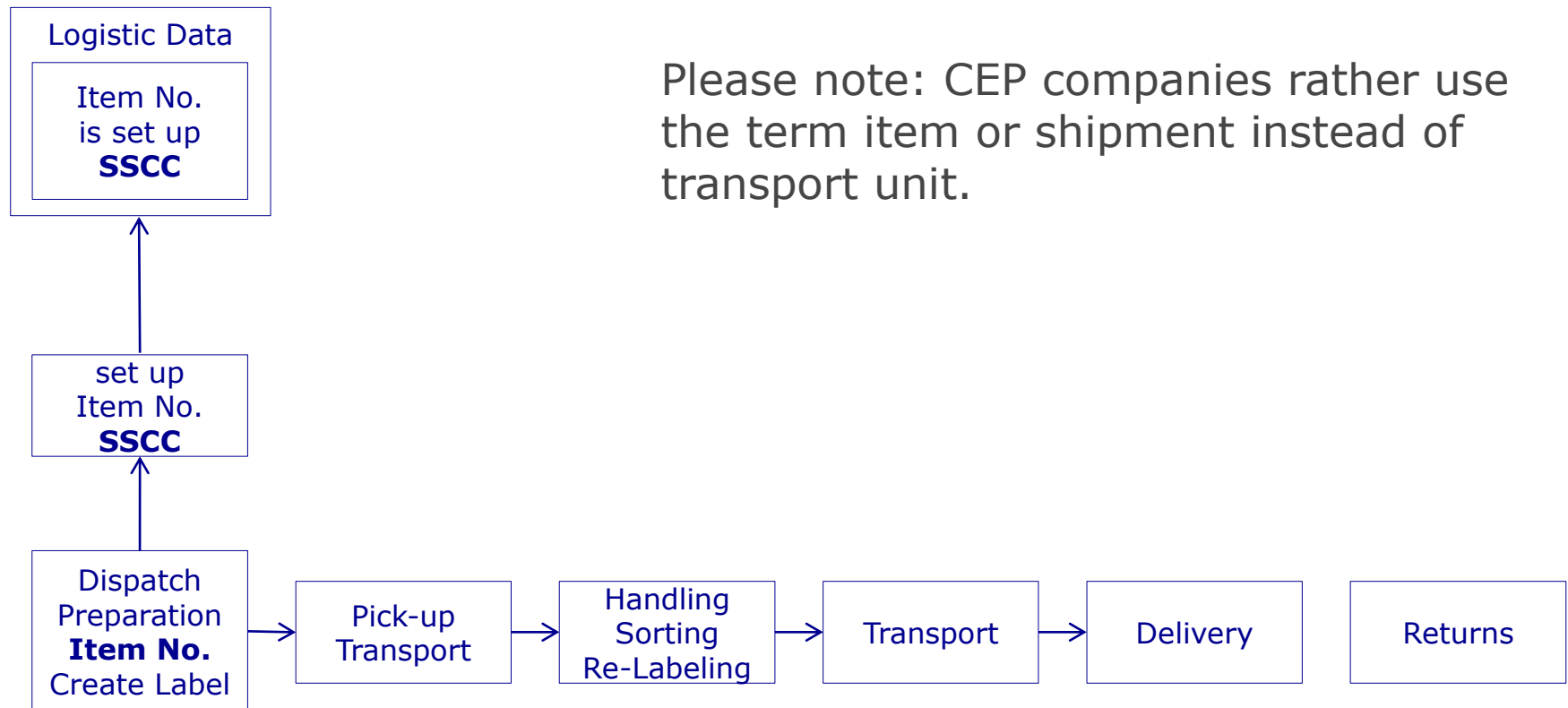
B2C – Standards = GS1 !



GS1 Standards - Elements



SSCC for CEP



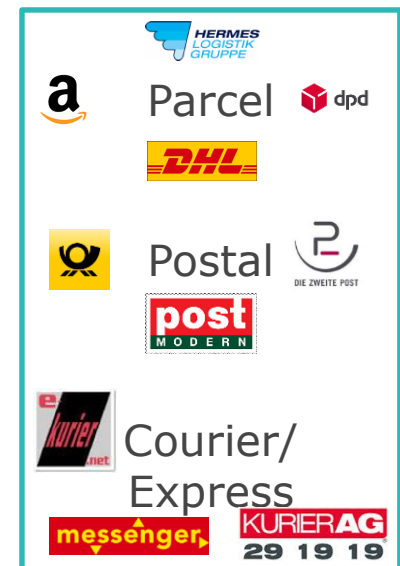
SSCC for CEP

TASK: Relationship to existing Numbering- and Routingsystems, Software

SOLUTION: Peaceful Coexistence with existing Numbers – GS1 Standards for new services or startups.

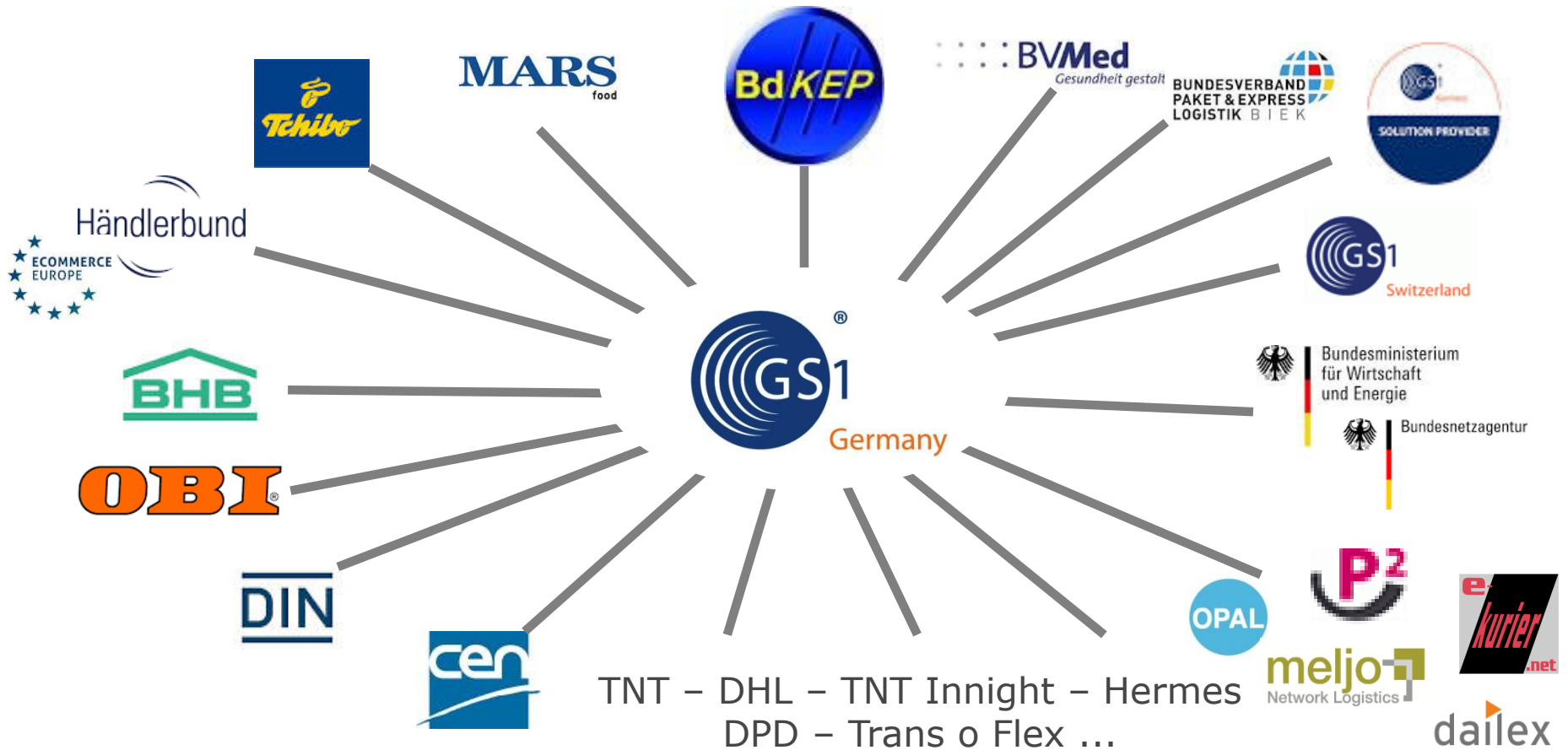
TASK: Cooperation with Global Postal Systems (UPU)

SOLUTION: Collaboration with European & Global Postal Committee's (UPU), CEN, DIN and E-Commerce Organisations like Händlerbund, E-Commerce Europe

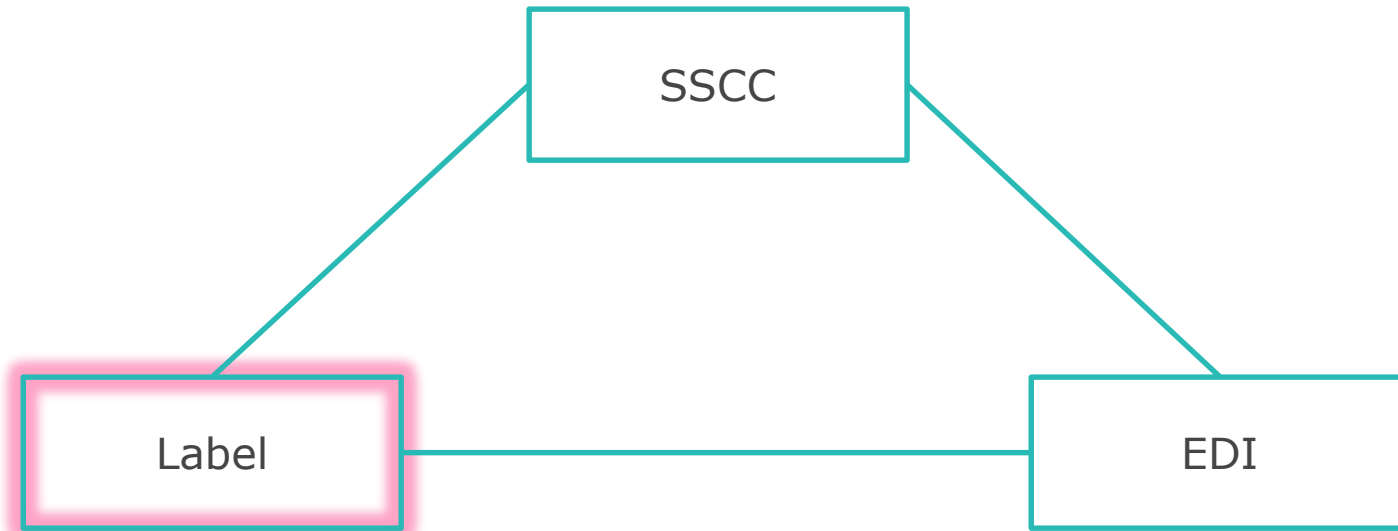


!!! Most Important Stakeholder & Driver are Retailers !!!

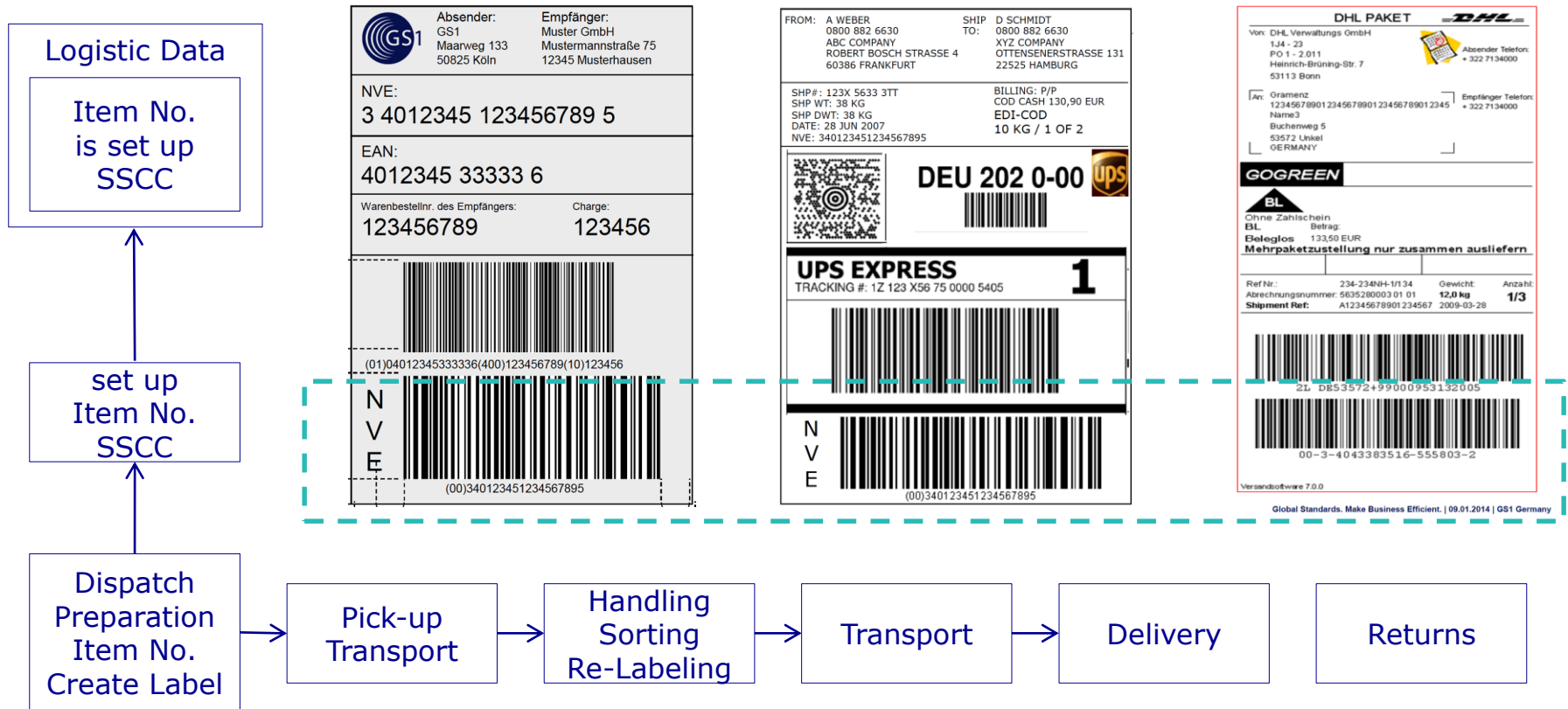
Coordinated Activities



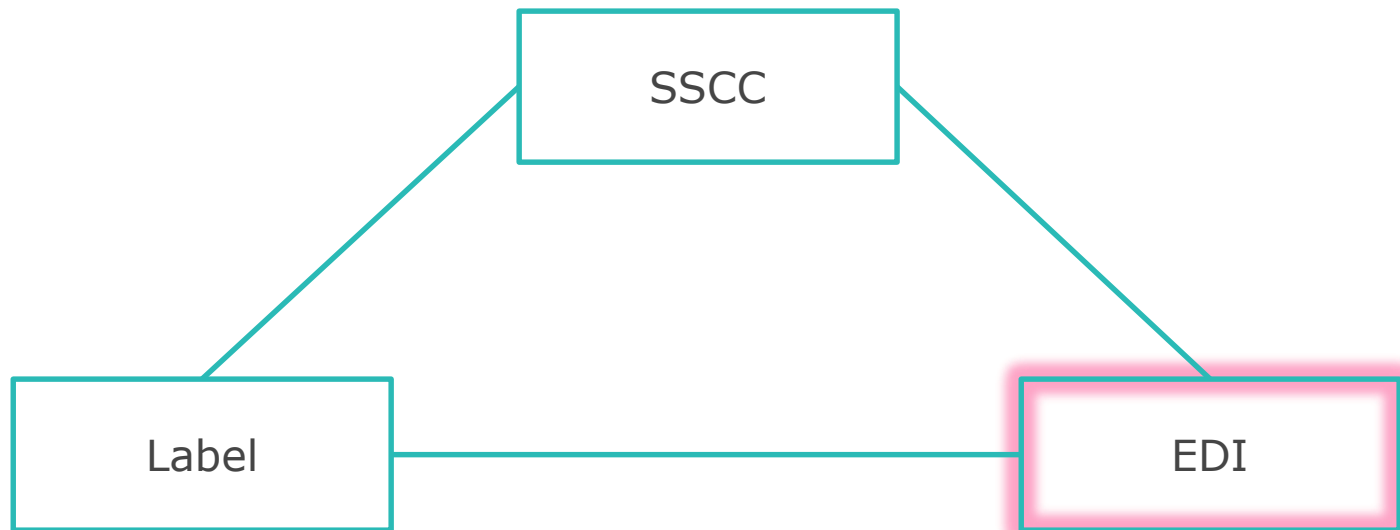
GS1 Standards - Elements



Label with SSCC for CEP



GS1 Standards - Elements



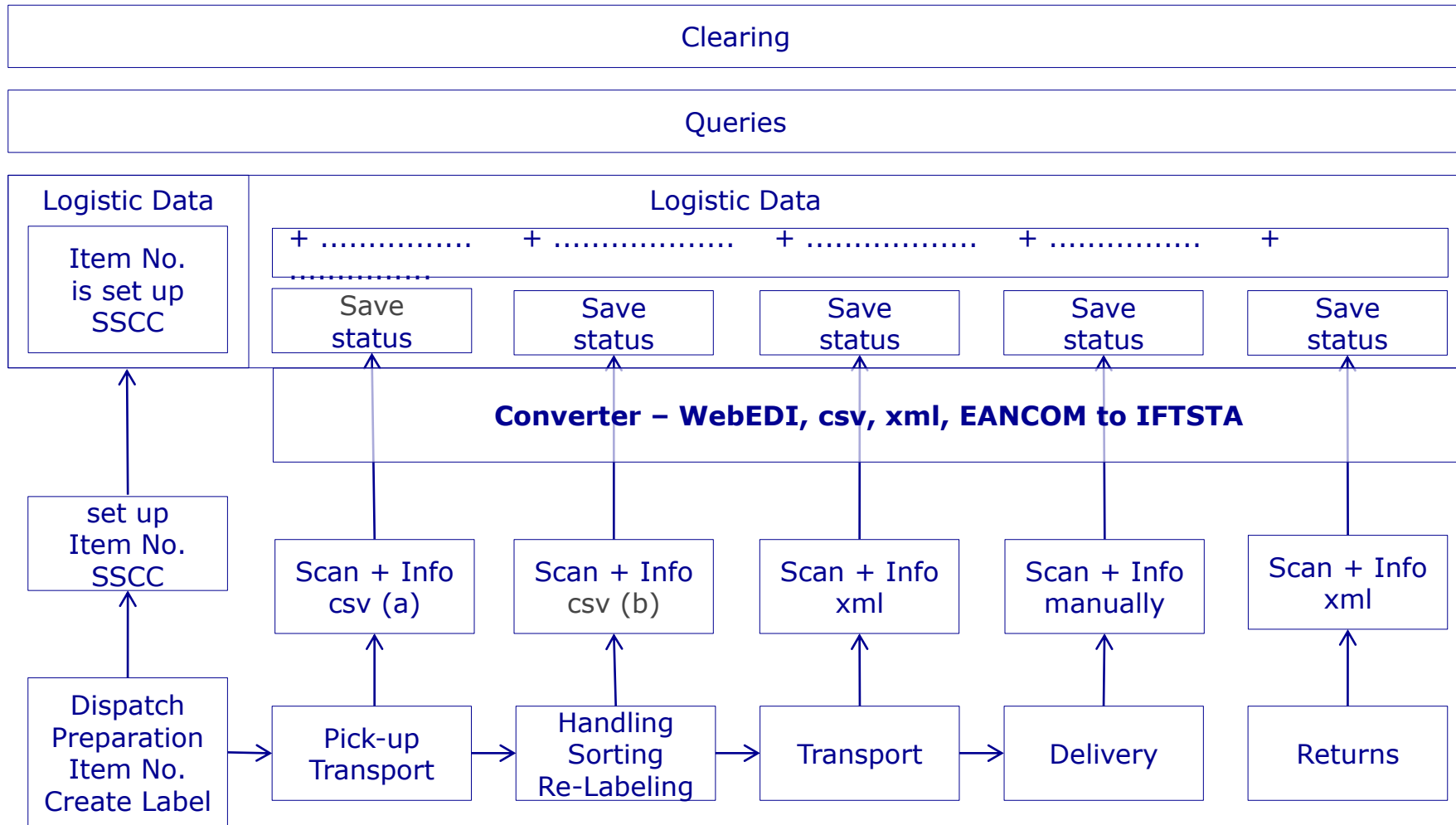
EDI for CEP

TASK: Different User need different technologies from SME up to Global Players

SOLUTION: From WebEDI to integrated classic EDI solutions

!!! Most Important Stakeholder & Driver are retailers !!!

EDI for CEP





Alibaba and 40 other Chinese e-commerce companies committed to adopting GS1 standards

Alibaba and 40 other Chinese e-commerce companies committed to adopting GS1 standards

14 July 2015

The first meeting following the publication of the 'E-commerce Joint Proposal on Barcode Application' was held in Chengdu on 4th June at the 2015 ECR China Conference, hosted by GS1 China and ECR China.

More than 500 delegates and guests from different industries joined the meeting, including retailers, manufacturers, IT companies, consulting companies and logistics companies. The group had good discussions about omni-channel strategies and company reform (change management).

The 'E-commerce Joint Proposal on Barcode Application' is a statement co-signed by more than 40 Chinese companies active in the e-commerce sector, including Alibaba and JD.com among others.

The co-signing companies all promised to respect the principle that each unique trade item should have its own GS1 GTIN encoded onto a GS1 barcode. Signatories of the proposal also promised to insist that manufacturers submit product information in a timely fashion to the 'China Service Platform on Commodity Information'.



Agenda

1. BdKEP
2. B2B – GS1 Standards Forwarding
3. B2C – NO Standards
4. NVE – SSCC for CEP
5. Label with SSCC for CEP
6. EDI for CEP
7. Practical Example OPS (Open Postal Systems)



Practical Example: SSCC for CEP



Shipment Solution

- 1. Input Address & Logistic Unit

Empfänger

Name (1)

Name (2)

Name (3)

Straße

Hausnummer

Postleitzahl

Ort

Land DE Deutschland

Ansprechpartner

Telefon

- Set of Rules includes zip codes for Proprietary- or Third Party Delivery
- **IF** zip code in own or partner delivery area **THEN** print Proprietary Label **ELSE** print Third Party Label

Paketinfos Detail (Neuanlage mit <RETURN>)

Paketnummer	Höhe	Breite	Länge	Gewicht	Nachnahme	Wert	St...
01150000000032				4,00		500,000	<input type="button" value="🖨"/>

- Enter Data of Logistic Unit

Shipment Solution - 2. Label Print

Proprietary Label

	Auftragsnummer: 180150 Referenznummer:
(00)30123456000000576	
Versender:	Datum: 29.09.2015
	Packstück: 1/1
	Gewicht: 2,00
	Nachnahme: 0,00
	Auftragnr.: 180150
Empfänger:	
STANDARD	
Unterschrift Empfänger:	
<hr/>	
Printed by www.v-log.net	

CEP Data

GS1 SSCC

Type of Shipment

Third Party Label

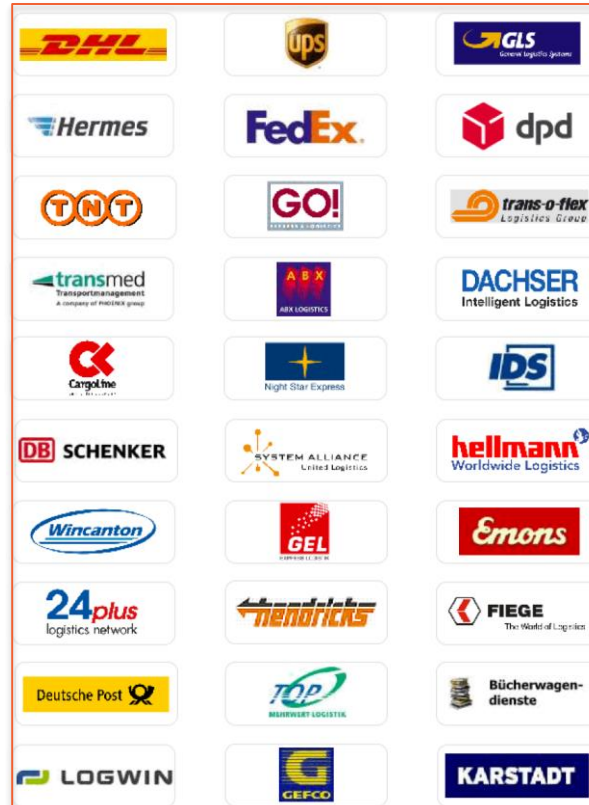
FROM: A WEBER 0800 882 6630 ABC COMPANY ROBERT BOSCH STRASSE 4 60386 FRANKFURT	SHIP TO: D SCHMIDT 0800 882 6630 XYZ COMPANY OTTENSENERSTRASSE 131 22525 HAMBURG
SHP#: 123X 5633 3TT SHP WT: 38 KG SHP DWT: 38 KG DATE: 28 JUN 2007 NVE: 340123451234567895	BILLING: P/P COD CASH 130,90 EUR EDI-COD 10 KG / 1 OF 2
	DEU 202 0-00
UPS EXPRESS	
TRACKING #: 1Z 123 X96 75 0000 5405 1	
N V E	
(00)340123451234567895	

DHL PAKET	
Von: DHL Verwaltungs GmbH 1J4 - 23 PO 1 - 2,011 Heinrich-Bruning-Str. 7 53113 Bonn	
Abender Telefon: + 322 7134000	
Ar: Gramenz 1234567890123456789012345	Empfänger Telefon: + 322 7134000
Name3 Buchenweg 5 53572 Unkel GERMANY	
GOGREEN	
Ohne Zahlschein BL Betrag: 133,50 EUR	
Beleglos	
Mehrpaketzustellung nur zusammen ausliefern	
Ref.Nr.: 234-234N4-1/134	Gewicht: 12,0 kg
Abrechnungsnummer: 5635280003 01 01	Anzahl: 1/3
Shipment Ref: A12345678901234567 2009-03-28	
ZL DE53572+99 00 0953132 005	
00-3-4043363516-555803-2	
Versandsoftware 7.0.0	

Global Standards. Make Business Efficient. | 09.01.2014 | GS1 Germany



Third Party Label Delivery by external Logistic Carriers



Track & Trace

Logistic Data Platform- Status Information / Warnings / Delivery Time Analysis

The screenshot displays a web-based tracking interface. At the top, there are filters for a date range (17.07.2015 - 15.08.2015), a status filter (Alle Status), and a carrier filter (DHL, DHL Home Delivery...). Below this is a search bar with the text 'Wonach suchen'. A map of Europe is shown with a red location pin over Germany and a green home icon. A blue information box is overlaid on the map, displaying: 'Sendungsnummer: 1692', 'Referenznummern: 234', 'Empfänger: Estele Lenz', 'Herfweg 4', '59823 Arnberg', 'Deutschland'. To the right of the map is the GLS logo and a checkmark icon. Below the map are buttons for 'Zum Packstück', 'Notizen (0)', and 'Frachtführer-Track'. A list of shipments is shown below, with one selected: 'Packstück: 432159587628109' with a DHL logo. The selected shipment has a status of '27.07.2015' and '30.07.2015' with a checkmark icon. On the left side of the interface, there is a sidebar with a button 'Sendungsnr. angelegt NVE' and a list of items: 'Naomi Wie', 'SCHWARZE', '4760 BUEL', 'BELGIEN'. On the right side, there are buttons for 'Status speichern' and 'Status speichern'.

- Import Tracking Data from proprietary IT Systems
- Automated Import of Tracking Data of external Providers
- Shipment Tracking
- Monitoring & Notifications & Alerts
- Integration in proprietary User Interface (no forwarding to external Providers)

YES we (s)can !



SSCC bridges Gap between different logistics service provider systems !

Hansgeorg Lohl

BdKEP

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Repräsentation for:

ISSiT- Interessenverband selbständiger
Subunternehmer im Transportgewerbe
pagd - Post-Agenturnehmer-Verband Deutschland



Rules of Notification & Alerts

Benachrichtigungsregeln

[+ Neue Regel](#) [+ Neue Regel aus Vorlage ▾](#)

Nr.	Regel	Erstellt (Geändert)	Aktion(en)
Keine Regeln.			

Wer soll benachrichtigt werden? ⓘ

- Sendungsempfänger ⓘ
- Sendungsversender ⓘ
- Zusätzliche Adresse an Sendung ⓘ

Bei welchem Transportstatus soll benachrichtigt werden? ⓘ

- Im Transport
- Zugestellt
- Teilgeliefert
- Problem
- Verzögert
- Benachrichtige E-Mail-Empfänger nur einmalig. ⓘ

Soll nur bei bestimmten Sendungen benachrichtigt werden? ⓘ

Die Auswahl ist optional.

Welcher E-Mail-Text soll versendet werden? ⓘ
















Import Track & Trace Data from Carriers

Frachtführer

➕ Frachtführer einrichten

ⓘ Damit externe Personen (Entwickler, Frachtführer, Schulungsleiter) schneller auf Ihre Anfragen reagieren können, hat es sich häufig positiv bemerkbar gemacht, wenn den betroffenen Personen ein User aktiviert wurde. Die User können durch den shiptrack Administrator eigenständig angelegt und nach der Umsetzung der Tätigkeiten wieder gelöscht werden.

Nach Frachtführernamen filtern

Frachtführer	Name	Aktiv	Anzahl Zugänge	Aktion(en)
	24plus	β Beta	1	Entfernen Verwalten
	Bleckmann	✓ Ja	1	Entfernen Verwalten
	bPost	✓ Ja	1	Entfernen Verwalten
	CargoLine	✓ Ja	1	Entfernen Verwalten
	Correos	β Beta	1	Entfernen Verwalten
	Dachser	✓ Ja	1	Entfernen Verwalten
	DHL	✓ Ja	3	Entfernen Verwalten
	DHL Home Delivery	✓ Ja	1	Entfernen Verwalten
	DPD	✓ Ja	1	Entfernen Verwalten
	DPD Österreich	✓ Ja	1	Entfernen Verwalten
	DTL	✓ Ja	1	Entfernen Verwalten
	Emons	✓ Ja	1	Entfernen Verwalten
	FedEx	✓ Ja	1	Entfernen Verwalten
	GLS	✓ Ja	1	Entfernen Verwalten
	GO!	✓ Ja	1	Entfernen Verwalten

Reporting

