

DAKOSY

The background of the slide is a dark blue gradient. It features a complex, glowing network of lines and dots in shades of blue, orange, and yellow. The network appears to be a 3D wireframe structure, possibly representing a globe or a data network, with a bright orange and yellow light source on the left side creating a lens flare effect. There are also many small, out-of-focus colored dots (bokeh) scattered across the background.

ICS2 Import Control System Sea freight

Webinar 10.04.2024

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ICS 2 – The new EU Import Control System

Agenda

1. Legal bases
2. Processes and workflows
 - Phases / Releases ICS2
 - What is changing?
 - FAQs
3. DAKOSY Solutions for ICS2
4. Conclusion / Q&A session

Legal bases



Legal bases

Legal bases ICS 2



**Verordnung (EU) Nr. 952/2013 DES
EUROPÄISCHEN PARLAMENTS UND DES
RATES vom 9. Oktober 2013 zur Festlegung
des Zollkodex der Union (UZK)**

Artikel 127 ff.

Legal bases ICS 2



**DELEGIERTE VERORDNUNG (EU) 2015/2446
DER KOMMISSION vom 28. Juli 2015 zur
Ergänzung der Verordnung (EU) Nr.
952/2013 des Europäischen Parlaments und
des Rates mit Einzelheiten zur Präzisierung
von Bestimmungen des Zollkodex der Union**

Why ICS 2 ?



- **Adaptation of the processes to the provisions of the UZK**
- **Improving the security of the supply chain**
- **Multiple Filing**
- **Integration of all modes of transports (incl. post)**
- **Complete replacement of ICS1**

What is ICS 2 for?



- **Declaration of goods before the entry in the EU, for the risk assessment and for danger prevention**
- **ICS2 is no Import system !!**

Who does ICS 2 ?



- **Declaration by the transporter of the goods: shipowner or airline**
- **New in ICS2: additional information from other participants, e.g. forwarder or importer (multiple filing)**

Who does ICS 2 ?



- **New in ICS2: it will be sent to an EU system, not via ATLAS!**
- **ASumA (summary export declaration) in the future via WKS (re-export control system)**

Names / messages from ICS 2



- **ENS**
- **Entry Summary Declaration**
- **Entry-SumA**
- **ESumA**
- **IE3F10, IE3F11, IE3F12, IE3F13.....**

Content of an ENS



- **Participant, address and contact data:
transporter, buyer, seller, consignor,
consignee...consignee EORI optional !!!**
- **Means of transport**
- **ETD at place of destination before the entry
in the EU**
- **ETA at the first place of destination after
the entry in the EU**

Content of an ENS



- **Containers and weights**
- **Packages: Number, HS code (6-digit), description**
- **Place of delivery**
- **Document references: B/L, House-BL,....**

Multiple Filing ICS 2



- **Pre-transmission of Cargo information**
- **Transmission of ENS data by various persons**

Phases / Releases ICS 2



Phasen / Releases ICS2



GET READY FOR ICS2



3 June 2024
Start of ICS2
Release 3

Member States'
customs authorities
must be ready



Step 1

3 June 2024
4 December 2024

Maritime and inland
waterway carriers



Step 2

4 December 2024
1 April 2025

Maritime and inland
waterway house
level filers

Step 3

1 April 2025
1 September 2025

Road and
rail carriers

What is changing compared to ICS1



- **One single EU „entrance door“ instead of 27 national „entrance doors“!**
(STI - Shared Trader Interface instead of national systems)
- **Multiple filing:**
 - Transmission of ENS data by various persons (option)
 - Pre-transmission of cargo information
 - no disclosure of customer relations (referencing via MAWB, HAWB ref.)
- **Higher requirements on the data quality** (e.g. HS code)
- **Referral (RFI) – Requirements of documents and information**
- **„Loading release“: AC - Assessment Complete ...or not DNL – Do Not Load!**

Phasen / Releases ICS2



Will all member states be ready / start by 3. Juni 2024?



In air freight there was a shift of four months.



Zoll ist toll !!

Processes and workflows

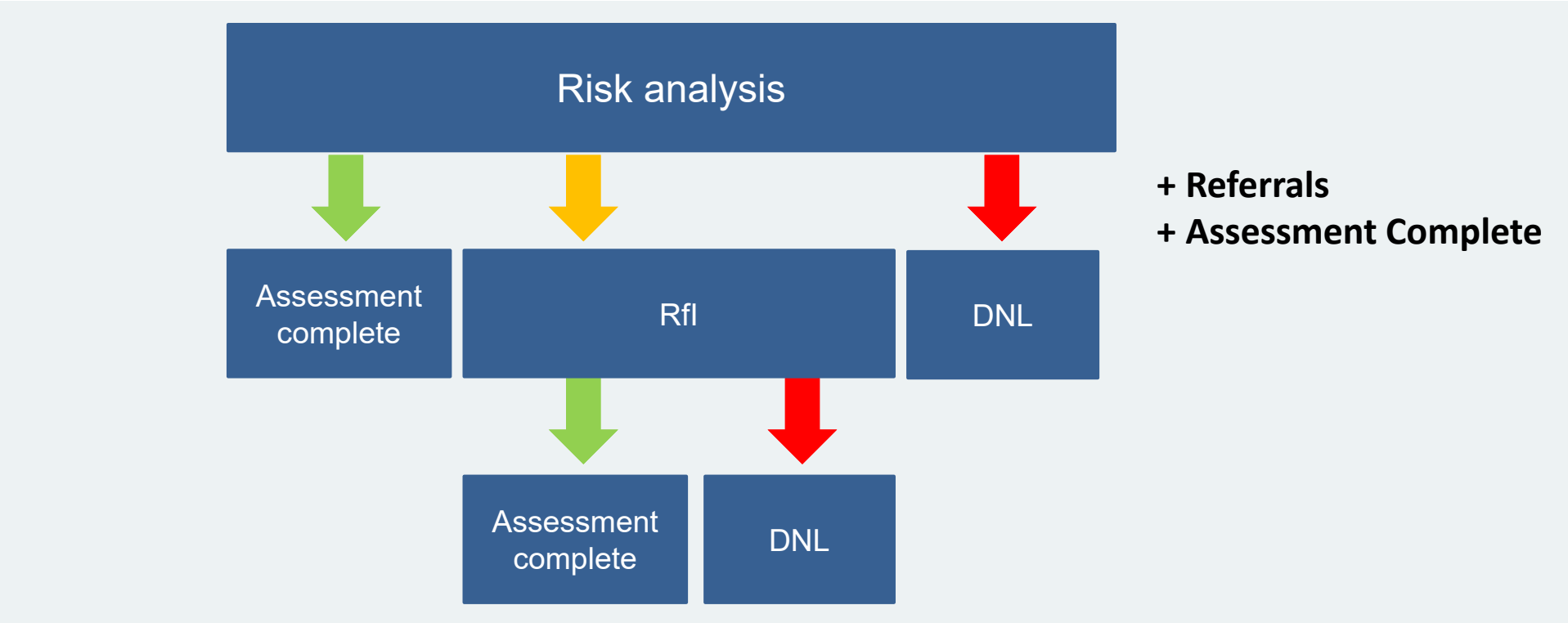


Processes and workflows



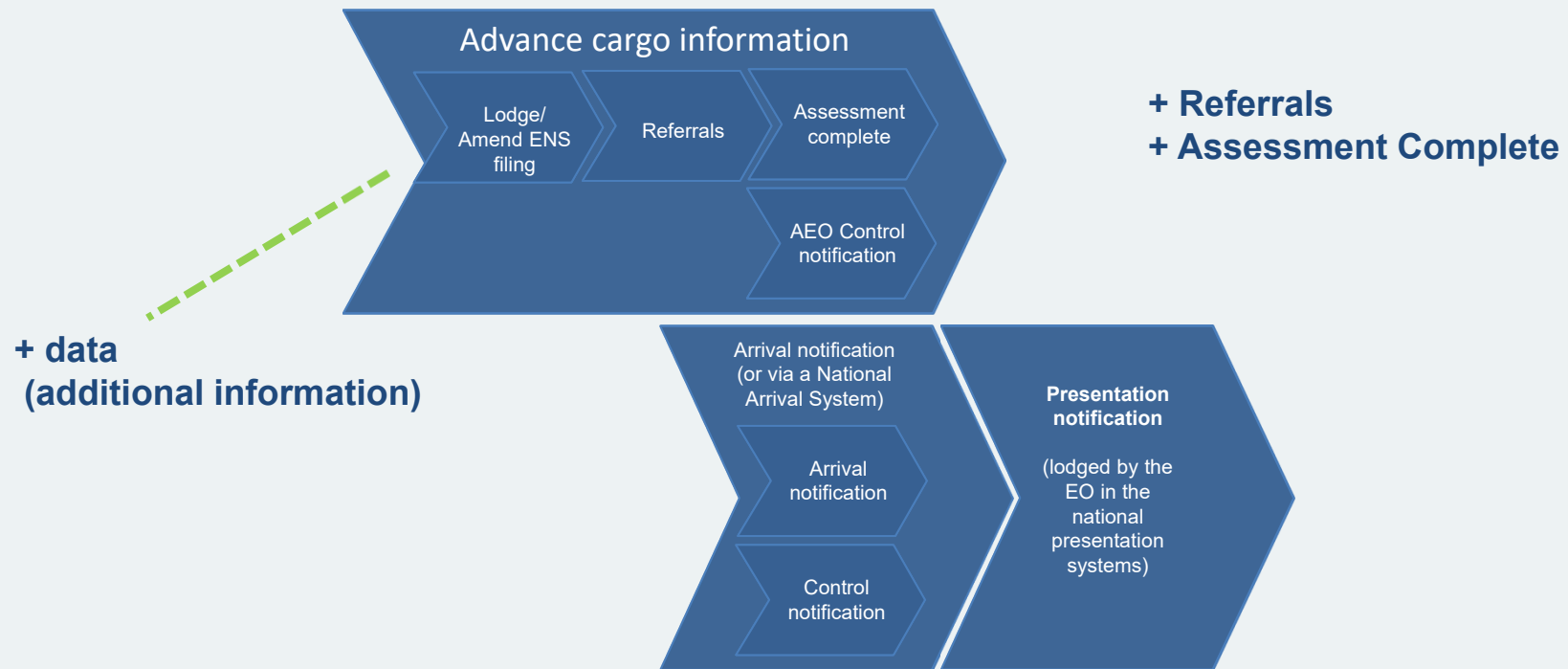
2. Processes and workflows

What is changing compared to ICS1?



2. Processes and workflows

What is changing compared to ICS1?





2. Processes and workflows

What is changing compared to ICS1?

Messages

- More ENS messages: F10-F17
- More status messages: MRN, Assessment Complete, Request for Information (RFI/Referral), Do Not Load, CONTROL ...
- ENS cancellation
- No more redirection display: actual first EU port in arrival message

2. Processes and workflows

What is changing compared to ICS1?

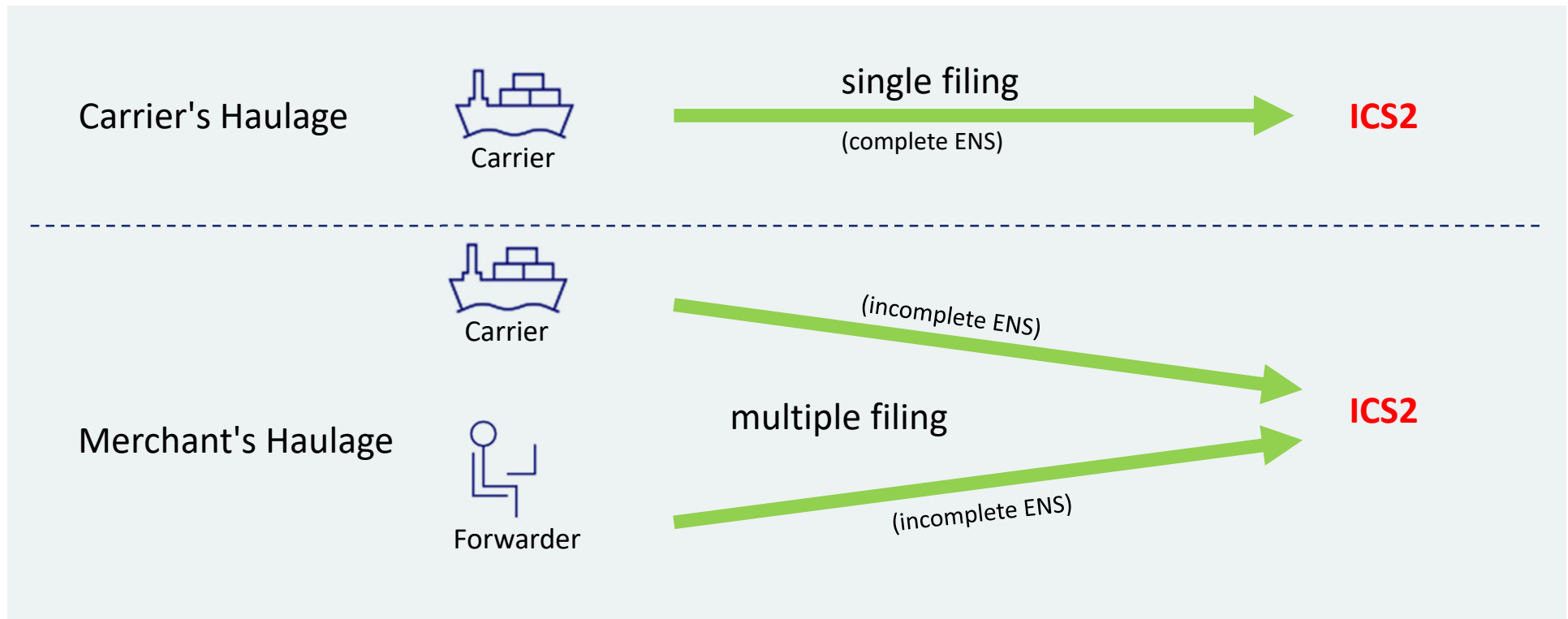
ENS dataset*

- Adresses (complete and structured information)
 - Consignor
 - Consignee, incl. EORI if available
 - Declarant, incl EORI (often = Carrier or Forwarder)
 - Buyer and seller
- Supplementary declarant (@Carrier: EORI of House-Filers if Multiple Filing)
- Number of packages
- Cargo description
- **HS code (6 digits) – additional positions on house level, if applicable**
- B/L Number (House, Master)
- Indicators Re-Entry and Split, if applicable
- Transport Charges (method of payment)

* Only new or extended specifications are listed.

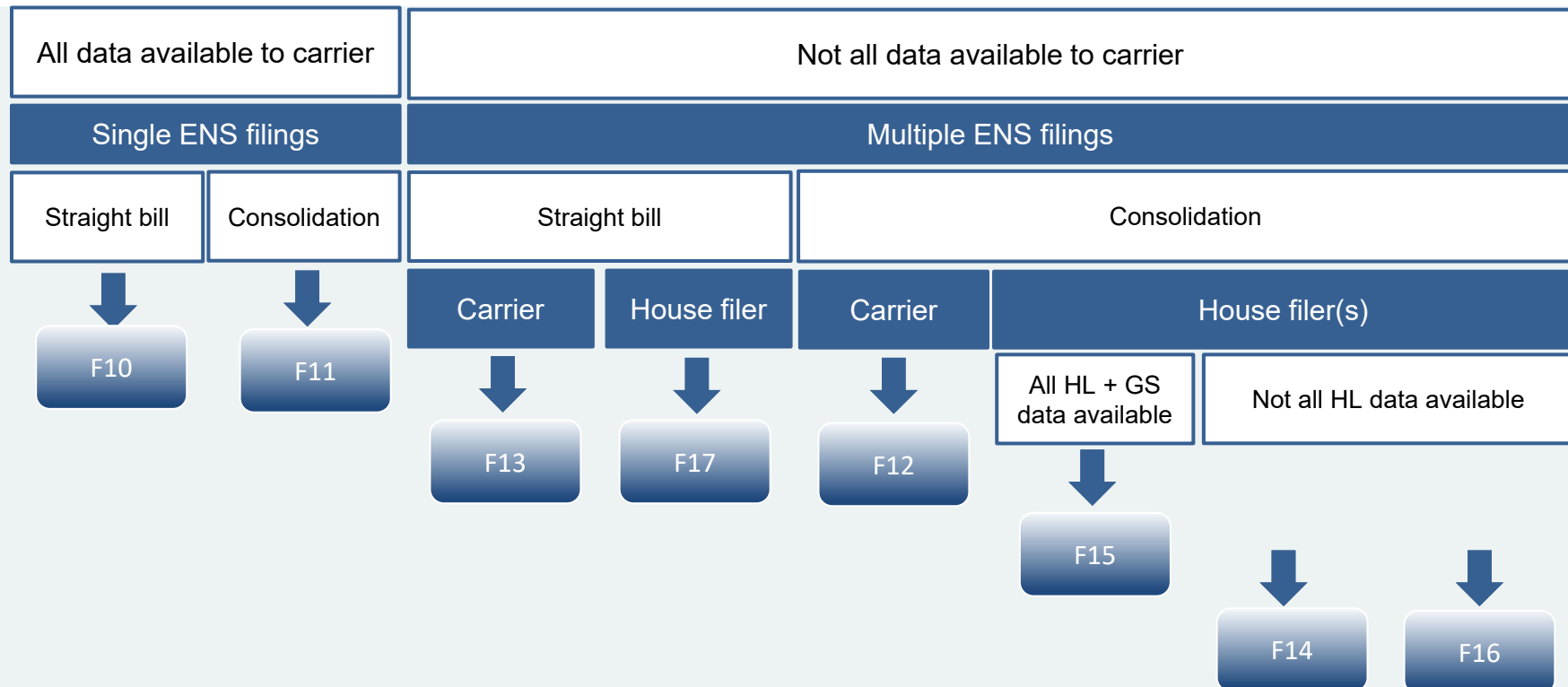
2. Processes and workflows

Multiple or single filing?



2. Processes and workflows

ENS message types



2. Processes and workflows

FAQ – Follow-up procedure SumA



Are there dependencies between SumA und ESumA (ICS2)? **Yes!**

Referencing ESumA to SumA :

- MRN of ENS ✓
- EORI number of transporter ✓
- Transport document single consignment (type + reference number = **B/L-No.**) ✓
- Transport document consolid. consignment (type + reference number = **House B/L-No.**) ⊖

➡ Referencing transport document SumA **≠** ESumA ... leads to the rejection / cancellation of the SumA!

➡ House B/L reference must be included in the manifest!



2. Processes and workflows

FAQ

FROB – Freight remaining on board

Do (transit) goods that remain on board still have to be declared?

@Carrier: Yes, as before!



2. Processes and workflows

FAQ (Re-Entry)

Interim port calls in third countries (often in case of UK and mediterranean journeys)

If the cargo leaves the territory of the Community, must it be declared again on re-entry?

@Carrier:

Yes, the entire cargo must be declared again!
Additionally, a „re-entry“ indicator must be set,
if the cargo is sent under the same Master BL!



2. Processes and workflows

FAQ (Split)

What is the procedure if not all registered containers can be loaded?

@Carrier:

The concerned containers must be declared again!

The further declaration must contain the „Split Consignment Indicator“ and the MRN of the previous ENS!

2. Processes and workflows

FAQ

Different HS codes on house level

Do different groups of goods have to be specified by package and weight?

Yes, all HS codes and weights must be specified!

Example:

so far 30 CT Fruits 300 kg

HS code = so far generally not specified

ICS2 30 CT Fruits 300 kg

HS-Code/descr./weight = 080810/apples/100 KG, 080830 /peaches/200KG



2. Processes and workflows

FAQ

Do consignments with missing „Assessment Complete“ stop at place of loading?

- ❖ Wait practical experience from the start-up phase
- ❖ Expectation: yes, they stop!

**EU highly recommends to wait for
„Assessment Complete“ Status
before loading**

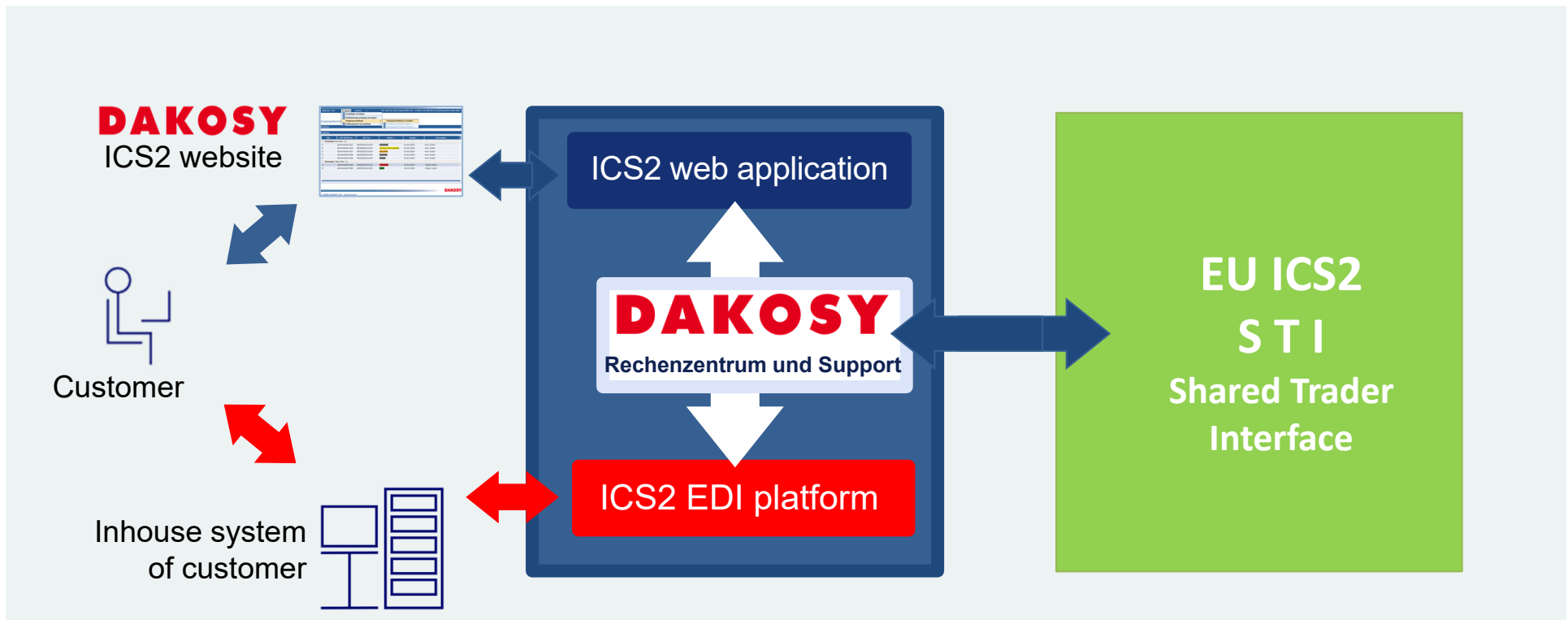
DAKOSY Solutions for ICS 2



DAKOSY Solutions for ICS2

3. DAKOSY Solutions for ICS 2

ZODIAK GE – Interfaces



3. DAKOSY Solutions for ICS 2

ZODIAK GE – Interfaces

Complete process scope:

- Single or multiple filing
- Referrals (request and answer)
- Notifications (DNL, AC, etc.)
- Arrival Notification

via

- Dialogue application
- EDI interface (XML, EDIFACT)
- Hybrid, use existing processes and data from your own system and execute any missing functions or data via dialogue



3. DAKOSY Solutions for ICS 2

FAQ - Interfaces

Can I continue to use my ICS1 interface to DAKOSY (often IFTMCS)?

@Carrier: Yes, with some content additions!
(see interface descriptions)



3. DAKOSY Solutions for ICS 2

FAQ - Interfaces

How does DAKOSY supports with the migration or setup of ICS2?

Project

- Project management
- Technical advice
- Tests
- go-live



3. DAKOSY Solutions for ICS 2

FAQ - Interfaces

When is it possible to start a project?

As of now!

Tests with the Shared Trader Interface (STI) since December 2023.

3. DAKOSY Solutions for ICS 2

ZODIAK GE – Dashboard



Betrieb Hilfe

ICS Dashboard 2 - INTEGRATION - Übersichtsliste

Abmelde

Suchparameter

LRN

LRN

Unique LRN

UNIQUE LRN

MRN

MRN

B/L-Nr. / MAWB

B/L-Nr. / MAWB

Flug- / Reisennummer

Flug- / Reisennummer

IMO-Nummer

IMO-Nummer

Suchen

Zurücksetzen

Kunde

DAKA - Test EDIFACT

Datum heute

☐

Von

01.02.2024

x

Bis

03.04.2024

x

GE-Server Nachrichten

☒

System

☐ ICS ☒ ICS2

Status

Alle Status

Nachrichtentyp

E_ENS_DAT

Land

Alle Länder

Zeilenanzahl

20

Details Status Nachrichtentyp ISES Unique LRN / Org. LRN MRN B/L-Nr. / MAWB Flug- / Reisennummer IMO-Nummer Kunde Land Erstellungszeit (UTC) ETA (UTC)

☒

E_ENS_DAT (F10)

[20240318000000761466](#)

F947278271A38CAEC2F356
DEIEX343E006160768

24DE0100006XAWVATO

N650078707

IMO9306158

DAKA

DE

18.03.2024 11:35:03

20.12.2023 01:08:00

Einzelne Nachrichten des ausgewählten EDI Vorganges | Neu laden

EDI	Status	Erstellungszeit (UTC)	Nachrichtentyp	Sender	Empfänger	ISES	NANR	LRN	MRN	B/L-Nr. / MAWB	Flug- / Reisennummer	IMO-Nummer	Kunde	Land	ETA
EDI		18.03.2024 12:48:35	IE3N03-AC	DAK	DAKA	20240318000000869522	1		24DE0100006XAWVATO	BL-AK-0001			DAKA	DE	
EDI		18.03.2024 12:48:34	IE3N03-AC	STI	DAK	20240318000000869522	1		006XAWVATO	BL-AK-0001			DAKA	DE	
EDI		18.03.2024 11:46:33	IE3R01-ENS-MRN	DAK	DAKA	20240318000000762535	1	F947278271A38CAEC2F356	24DE0100006XAWVATO	N650078707			DAKA		
EDI		18.03.2024 11:46:33	IE3R01-ENS-MRN	STI	DAK	20240318000000762508	1	F947278271A38CAEC2F356	24DE0100006XAWVATO	N650078707			DAKA		
EDI		18.03.2024 11:45:43	ResponseOk	DAK	DAKA	20240318000000761488	1	DEIEX343E006160768					DAKA		
EDI		18.03.2024 11:45:43	E_ENS_DAT (F10)	DAK	STIT	20240318000000761466	1	F947278271A38CAEC2F356		BL-AK-0001			DAKA	DE	20.12.2023 01:08:00
EDI		18.03.2024 11:45:41	E_ENS_DAT (F10)	DAKA	DAK	20240318000000761418	1	DEIEX343E006160768		BL-AK-0001			DAKA	DE	20.12.2023 01:08:00
EDI		18.03.2024 11:36:34	IE3N01-ERR	DAK	DAKA	20240318000000750495	1	DEIEX343E006160768					DAKA		
EDI		18.03.2024 11:36:33	IE3N01-ERR	STI	DAK	20240318000000750458	1	DEIEX343E006160768					DAKA		
EDI		18.03.2024 11:35:05	ResponseOk	DAK	DAKA	20240318000000748881	1	DEIEX343E006160768					DAKA		
EDI		18.03.2024 11:35:04	E_ENS_DAT (F10)	DAK	STIT	20240318000000748858	1	80453E8B67B979B990B516		N650078707			DAKA	DE	20.12.2023 01:08:00

3. DAKOSY Solutions for ICS 2

Alle House Zuordnungen

N703 — 123456

T-Shirt

N703 — 123457

EAS Zollanmeldungen Suchergeb...240325-TESTF26 / DE / ICS2

Zollanmeldung DE: ICS2, BezNr.: 240325-TESTF26, RegNr.: 24DE020006Z2H8AT1, Status: Zusätzliche Informationen erforderlich

SpeichernDruckenSendenStatusanfrage sendenStorno sendenAufgabenSchließenVerwandte Aktionen

+ Zollanmeldung erstellen+ Ankunftsanzeige erstellenKopierenSuche nach EAS ZollanmeldungenSuchergebnis anzeigenZugehörige I2ANDokumenteEingangs-SumA (ICS2)DokumentenablageZollanmeldungen des MastersÜbersichtenZollanmeldungen

AllgemeinTransportdatenMaster DatenZusätzliche DatenContainer/Unterstützende UnterlagenWarenHousesendungenReferenzenNachrichten & StatusInfocenterStatus

Ware

AllgemeinUnterstützende Unterlagen/UN NummernPackstücke/ContainerZusätzliche DatenPassiver Grenzverkehr

Warennummer, Artikel1

Kürzel oder Beschreibung

GüterbeschreibungT-Shirt

Cus code

Warennr. (HS-Code)610910

Bruttogewicht (in KG)1

Rechnungsbetrag

Art der Ware

Postwert

Herkunftsland

1. unterstützende Dokument Typ, Referenz

1. UN Nummer

1. Packstück Typ, Anzahl, MarkierungPK — Packung/Pa1123456

1. zusätzliche Information Code, Text

1. zusätzlicher Akteur in der Lieferkette Rolle, Identifikationsnummer

Container Typ, Nummer

Container Lieferantentyp, gepackter Zustand



3. DAKOSY Solutions for ICS 2

ZODIAK GE – EDI interfaces:

Possible EDI interfaces:

- XML
- EDIFACT: IFTMCS, IFTSTA, APERAK
- Excel
- Individual formats

<https://www.dakosy.de/support/dokumentation-fuer-entwickler/schnittstellen-customs#c14429>

3. DAKOSY Solutions for ICS 2

ZODIAK GE – Other possible EDI interfaces:

Schnittstellenbeschreibung (EDIFACT)

Schnittstellenbeschreibung (XML)

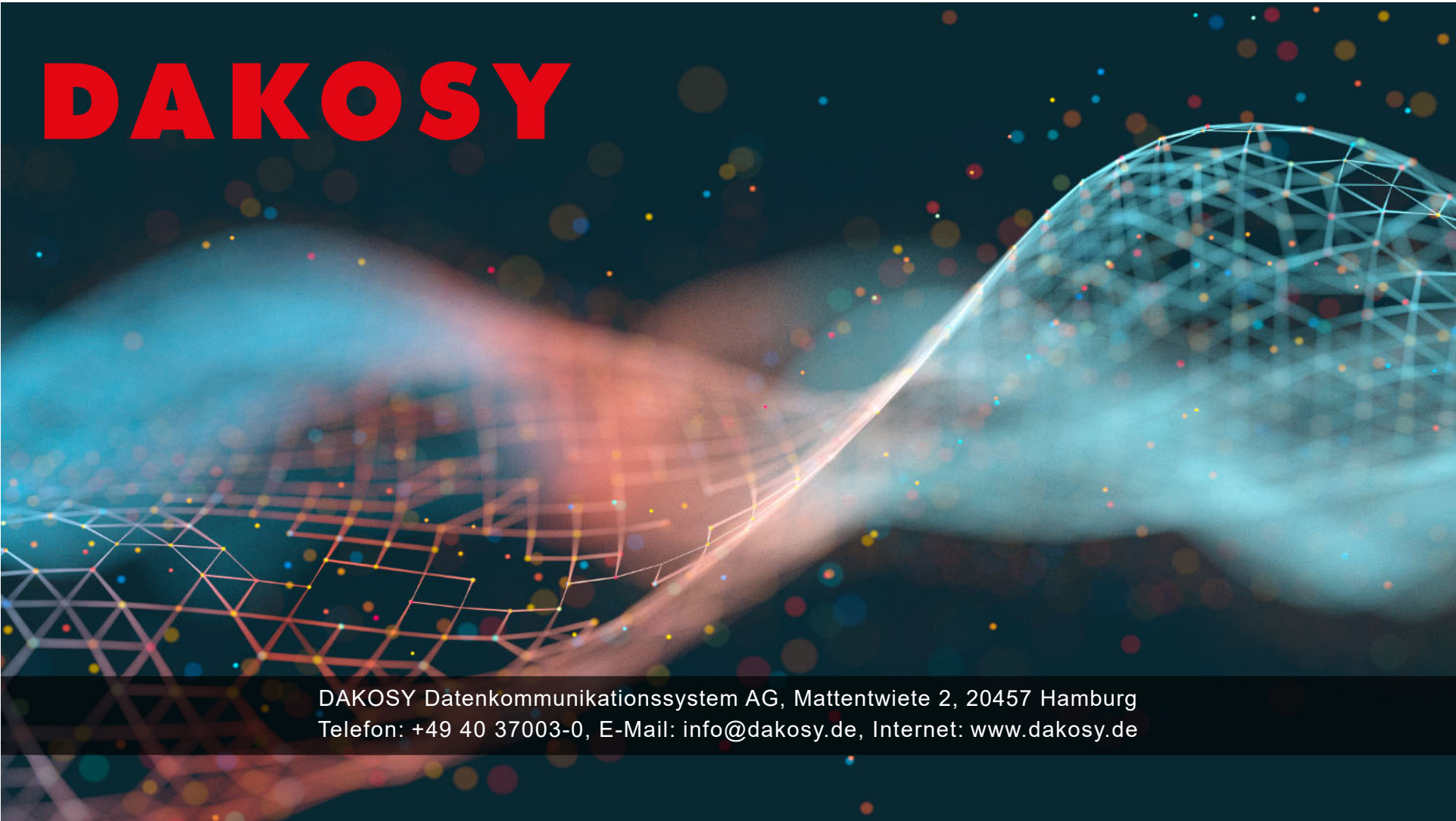
Dokument	Version	Datum
XML Schema und die PDF-Dokumentation der XML-Schnittstelle zu den DAKOSY Systemen für ICS2		
ICS2Message-1.0.7.xsd →	1.0.7	13.03.2024
ICS2-XML-examples-1.0.7.zip →	1.0.7	13.03.2024
ICS2-XML-ENS-1.0.7.pdf ↓	1.0.7	13.03.2024
ICS2-XML-Response.pdf ↓	1.0.4	22.01.2024
ICS2-XML-ArrivalNotification.pdf ↓	1.0.0	März 2023
ICS2-XML-ReferralResponseToSTI.pdf ↓	1.0.2	29.09.2023
ICS2-XML-ENSStatusRequest.pdf ↓	1.0.1	März 2023

Conclusion / Q&A session



Conclusion / Q&A session

DAKOSY

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