

WELCOME TO SCANIA'S TECHNICAL BRIEFING WEBINAR

The session will begin shortly

INDUSTRY STANDARDS



**THIS MEETING WILL BE
RECORDED**



**POST YOUR QUESTIONS
IN THE MEETING Q&A**



**THE PRESENTATION,
FAQ'S & RECORDING
WILL BE SHARED AFTER
THE MEETING**



Industry Standards technical briefing



Agenda

1. Introducing Industry Standards
2. Technical specifications
3. CMA-tool for technical development
4. Onboarding Journey & Q&A
5. Next steps



1. Introducing Industry Standards & Implications for suppliers

Wasim Akram

Project Manager | SNDE | Scania
CV AB



Why is Scania introducing Industry Standards?



Why embarking in this journey now?

- Scania aspires to develop a **modern supply chain collaboration hub** in close partnership with suppliers, to **enable increased speed and flexibility** when dealing with challenges.
- Greater data visibility and transparency will improve **decision making** and **predictability throughout the partnership**.
- To achieve this, a future proof and scalable IT landscape that can **facilitate expected market demand** and matches suppliers set up is needed.
- This journey will enable Scania to **meet the demands of the future**, positioning Scania as a world class partner.



What Scania is implementing

- **Global industry standards**
- Implementation of a **new ERP system** for administrative and transactional processes
- Modernization of the **EDI landscape**
- Upgraded label, barcode according to **GTL standard** for various packaging formats



What do suppliers need to implement?

1 Updated terms & conditions

- Scania is changing the standards in the **logistics manual**.
- **Terms & Conditions** updated to include new EDI and HU requirements.
- **Scheduling agreement** introduced to replace “open order”.
- **Supplier number** will be updated.

2 Updated EDI messages

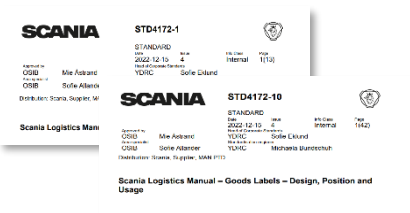
- **New EDI message versions** for:
 - Delivery schedule
 - Advanced Shipping Notice
 - Invoices
- **IT changes and development** required from supplier.

3 Handling Unit (HU) number

- Suppliers are **required to implement** a unique global Handling Unit (HU) number.
- Suppliers need to **apply the HU number** (procure and apply) on the **ASN, and transport label**
- **Supplier are required to apply DUNS or ODETTE**. **SSCC is not approved**.

4 Updated transport labels

- Serial number field on **transport label must include the HU number** which is longer.
- **Switching barcode from 39 to 128** due to length of the HU number.
- **Include data matrix ECC200**
- To be applied on both outer (pallet) and inner (boxes) packaging levels.



Scania EDI, STD4172-1
Scania Goods Labels, STD4172-10

EDI Activity:	Current message:	Replaced by:
Delivery Schedules	EDIFACT DELFOR D96A	EDIFACT DELFOR D04A
Advanced Shipping Notice	EDIFACT DESADV D96A	EDIFACT DESADV D07A
Invoices	EDIFACT INVOIC D03A	EDIFACT INVOIC D07A

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UNA+?
UNB+UNOC:4+SENDERUNB123 OD 1234+094200005560840975PU025 OD+221010:1501+13239
UNH+7654+DESADV.D/D/ALUN GSSB11
BGM+35+123456789675432
DTM+137:202210101501:200
DTM+11:20221010:10Z
MEA+AA0+AA0+GRM 55000
NAD+BY+SEDA:52
NAD+ST+BLCC:32+SCANIA Battery LC+Verkstadsvägen by270+Södertälje++151 38+SE
LOC+1+RD20:52
NAD+SE+2000000:32+NAME+STREET AND STREET NUMBER+CITY+POSTAL CODE+SE
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NAD+SF+2000000:32+NAME+STREET AND STREET NUMBER+CITY+POSTAL CODE+SE
CPS+1+1
PAC+4+35+52
MEA+AA0+G+GRM 55000
QTY+12:16:C62
PUN+1+1
SIR+3+1+JUN96765432100000961 CUJ
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SIR+3+1+JUN96765432100000963 CUJ
SIR+3+1+JUN96765432100000964 CUJ
LIN+++1852402:IN
QTY+12:16:C62
ALH+SE
RFF+AS:12345678900001
UNT+25+7654
UNZ+1+13239
  
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How suppliers are guided through the transition to Industry Standards



Phase 1: Start-up preparations



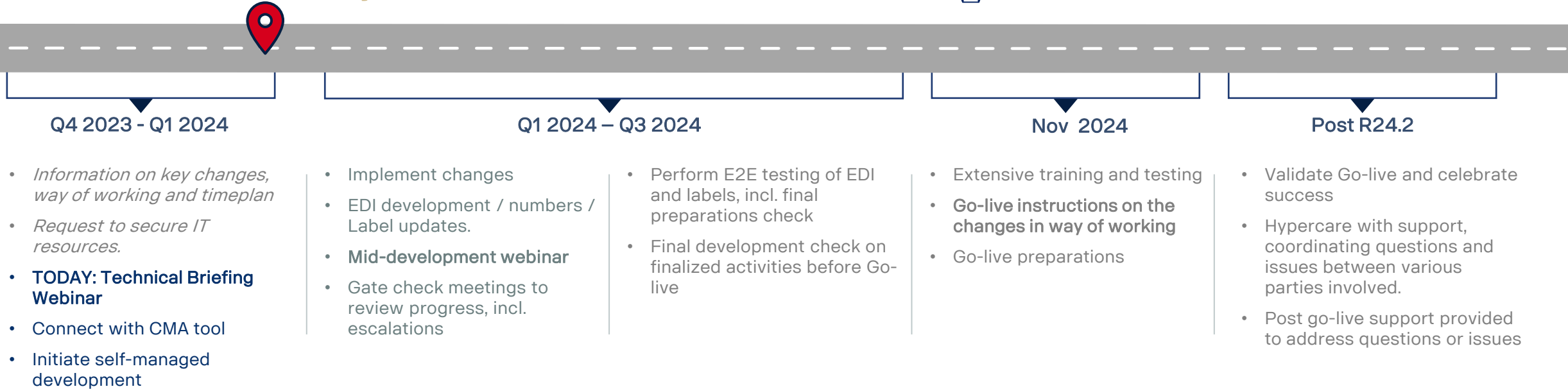
Phase 2: Technical onboarding



Phase 3: Go-Live!



Aftercare



2. Technical specifications

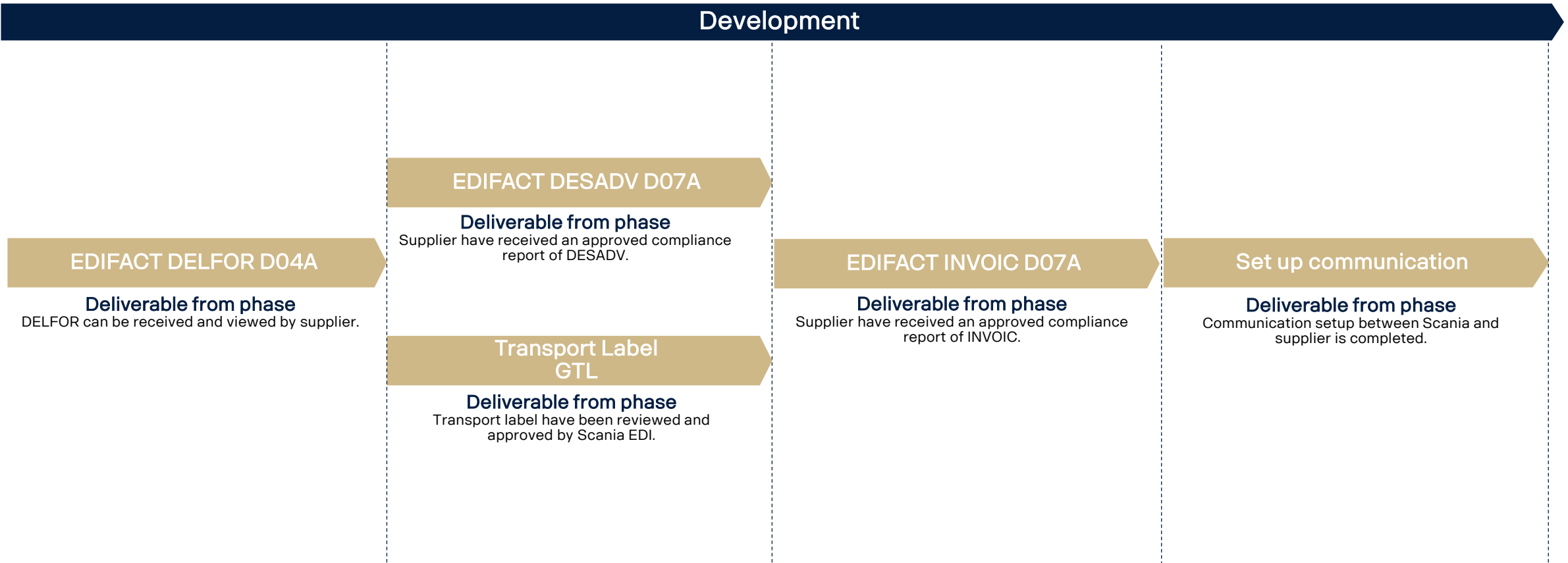
Sofie Allander &
William Ericsson
EDI Team | Scania CV AB



Needs for development by suppliers



Development





Delivery schedules

Technical specifications for implementation

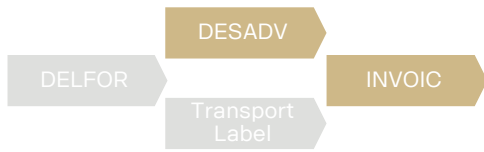
DELFOR D04A

Activities

- Update Scania Association Assigned Code: GBSQ11 (note that this is applicable for suppliers using Association Assigned Code within their own EDI platform).
- Implement ship to segment NAD+ST (for existing Scania supplier, replace NAD+CN).
- Implement ship from segment NAD+SF.
- Map for segment QTY+70 for receiving cumulative quantities (backlog as a separate segment QTY+83 will not be sent).
- Update reference RFF+AJS to Scania Scheduling Agreement, segment is Replacing RFF+ON.
- Refer to the date in DTM+11 as pickup date at the supplier location.
- Make sure that you can split one EDIFACT file into several DELFORs.

Deliverable from phase

- DELFOR can be received and viewed by supplier.



Advanced shipping notice (ASN) and invoices

Technical specifications for implementation

DESADV D07A

Activities

- Update Scania Association Assigned Code: GBSB11
- Contents in DESADV corresponds to the DELFOR (supplier number, address, part number, SA number, quantities)
- Ensure the data in BGM-segment is no longer than 16 characters.
- Implement segment NAD+SF (Ship From)
- Apply outer and inner packaging sequences (CPS loops) according to packaging specification.
- Apply prefixes in segment PCI - 1J, 5J and 6J to accommodate the Handling Unit (HU) number structure.
- Update reference RFF+AJS to Scania Scheduling Agreement, segment is Replacing RFF+ON.
- Acquire Handling Unit (HU) number according to the Scania Standard Document STD 4172-10 and apply to GIR and GIN segments.
- If bundling will be applied, separate each DESADV with a new UNH segment in the file.

Deliverable from phase

- ✓ Supplier has received an approved compliance report of DESADV.

INVOIC D07A

Activities

- Update Scania Association Assigned Code: GBSO11
- Implement segment NAD+SF (Ship From).
- Update reference RFF+AJS to Scania Scheduling Agreement, segment is Replacing RFF+ON.
- Update content in segment RFF+AAK. Value needs to be taken from the DESADV - BGM-segment.

Deliverable from phase

- ✓ Supplier have received an approved compliance report of INVOIC.



Transport labels

Technical specifications for implementation

Transport labels GTL

Activities

- Implement Handling Unit (HU) structure in serial number field.
- Label variants: Master Label / Mixed Label / Single Label / Small Label
- Apply barcode 128 to licence plate barcode..
- Apply data matrix ECC200 (incl. Reed- and Solomon error correction), ISO/IEC 16022
- Size of text and data elements to STD4172-10 (address, qty, etc).
- Replace prefixes S, G & M with 1J, 5J & 6J in serial number field.
- Share PDF file of transport label to Scania EDI when completed according to STD4172-10.

Deliverable from phase

- ✓ Transport label have been reviewed and approved by Scania EDI.

New label design (preview for Single Label)

FROM TEST SUPPLIER AB ABARENDALS ALLE 418 79 GÖTEBORG COUNTRY CODE SE		TO SCANIA BATTERY LC SÖDERTÄLJE SE DOCKGATE		
SUPPLIER NO. 9849		RD20/BHRS		
ADVICE NOTE NO. 28134		QUANTITY 5		
PART NUMBER 2840476 Example				
LICENSE PLATE (1J) UN 123456789 000000001			GROSS W. / NET W. 1000 / 870 KG DATE D231101 BATCH NO./NO. OF BOXES 3259050:00088	
SUPPLIER FIELD Item no. Supplier: 094104697 - 000 - 10 Packaging No. Customer (B): EMB1874			DESCRIPTION OIL SUMP ASSY 2840476	

Main differences with OTL

- 1 barcode instead of 5 barcodes.
- Data matrix code with information.
- Increased font sizes for selected data fields.
- Supplier field for information.
- Unique identifier (license plate).

3. CMA Tool for technical development

Sofie Allander &
William Ericsson
EDI Team | Scania CV AB





CMA-tool for technical development - Seeburger platform

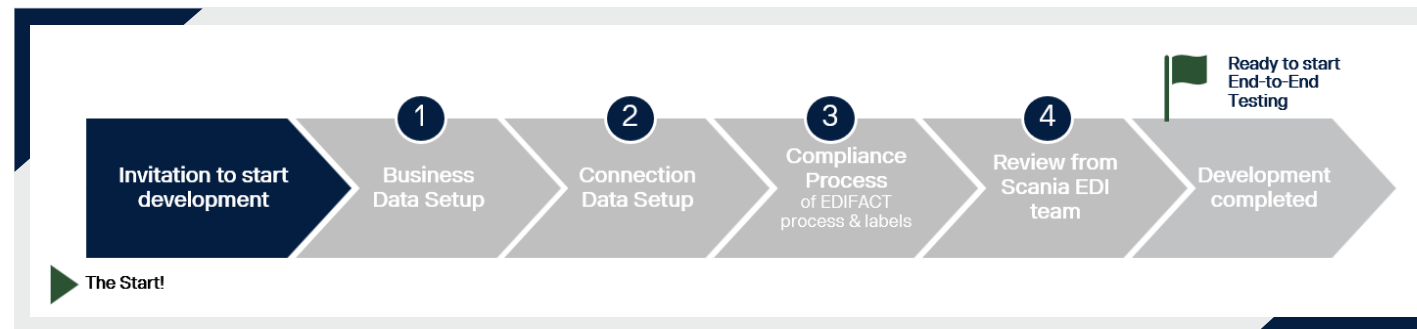


Connect to CMA-tool

- You will shortly **receive an invitation** via email on how to connect to the CMA-tool.

Landing page of CMA-tool

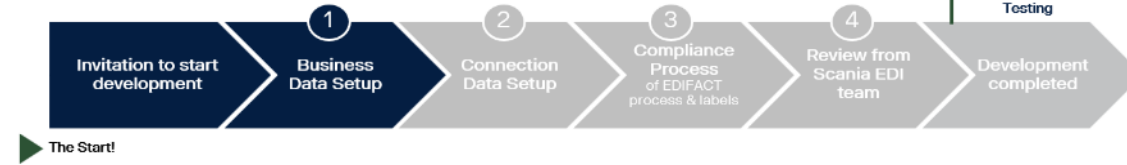
Four steps that must be completed before fully developed and approved by Scania EDI team



1. Business Data Setup

Provide information

CMA-tool for technical development



Business Data Setup

Please maintain the contact data of your daily business:

Business Contact (required)

Company Name * Company ABC

Main Contact Person at Company *

Main Contact Email *

Main point of contact Phone No *

2nd point of contact at company (email) *

3rd point of contact at company (email) *

Location of the supplier *

Supplier Number 4-digit *

Seller Number 5-digit *

Supplier Number 7-digit *

Country of Origin *

VAT *

Please insert your contact details of your EDI contact. Also required if you are using a VAN/EDI Service Provider.

EDI Contact (required)

Company Name/Service Provider *

Department/Person Name *

Technical Contact Email *

Phone *

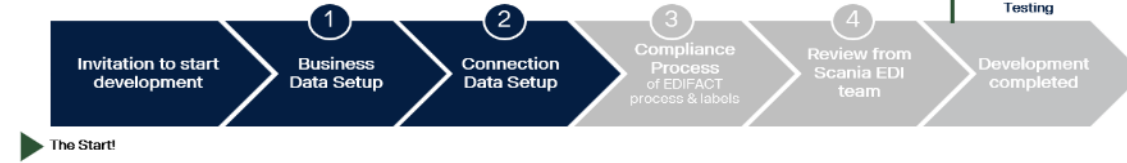
Back Next Cancel

- Provide information of business contact
- Provide information of EDI contact

2. Connection Data Setup

Connect to Scania Cloud

CMA-tool for technical development



Connection with OFTP2 - PRODUCTIVE

Please provide your master data and certificates of your PRODUCTIVE system

Your Data

OFTP2 SFID *

OFTP2 SSID *

Host *

Port *

Password *

Send EERP

File Format *

Email for error notifications *

UNB Address *

UNB Qualifier

UNB Routing

Your Certificates

File Encryption *

File Signature *

Session Signature *

HTTPS (TLS/SSL) *

EERP Signature *

Back Next Cancel

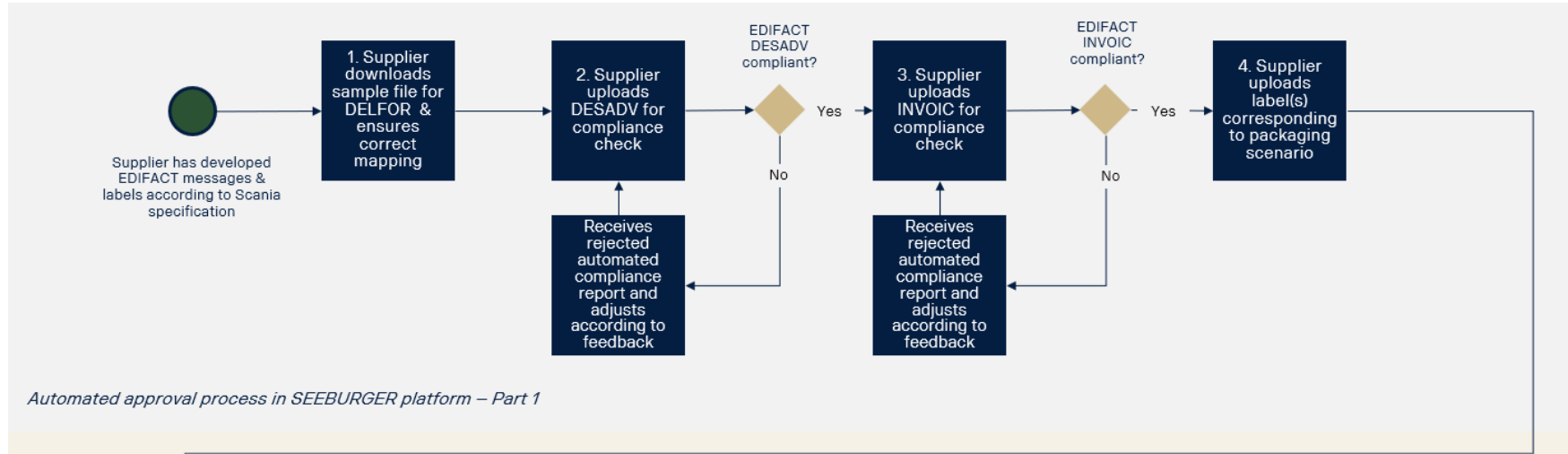
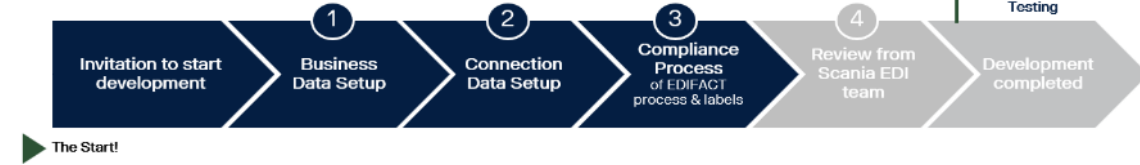
Connect to Seeburger cloud – Three scenarios

- 1 Already onboarded to Seeburger cloud by Scania cloud migration project
- 2 Already customer of Seeburger cloud from earlier
- 3 No previous connection to Seeburger cloud – provide master data to perform connection with OFTP2 or AS2

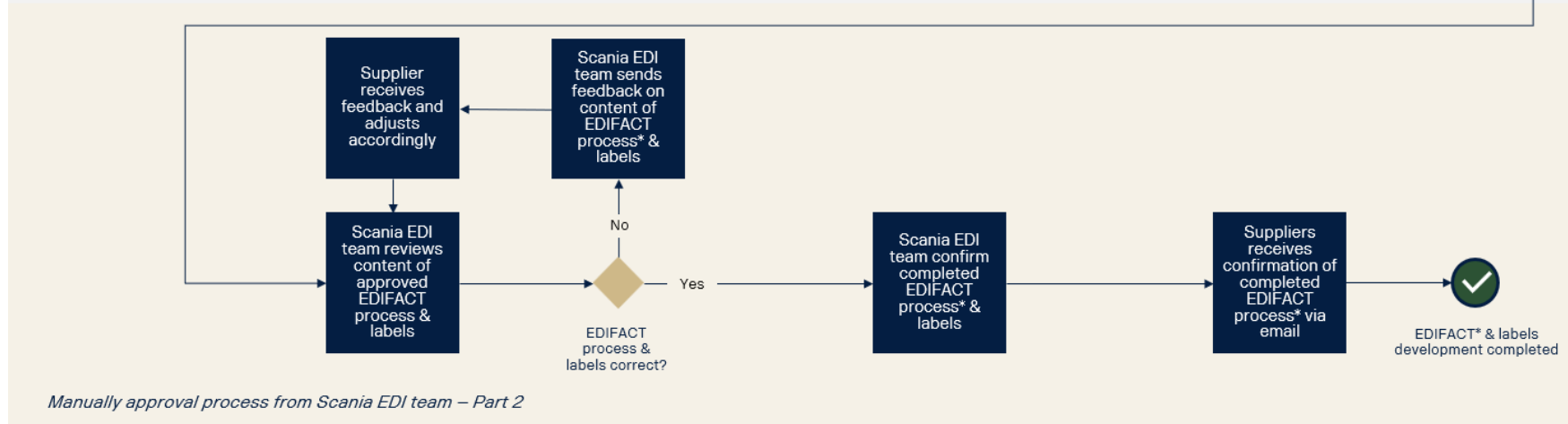
3. Compliance Process

How the process flow will look like

CMA-tool for technical development



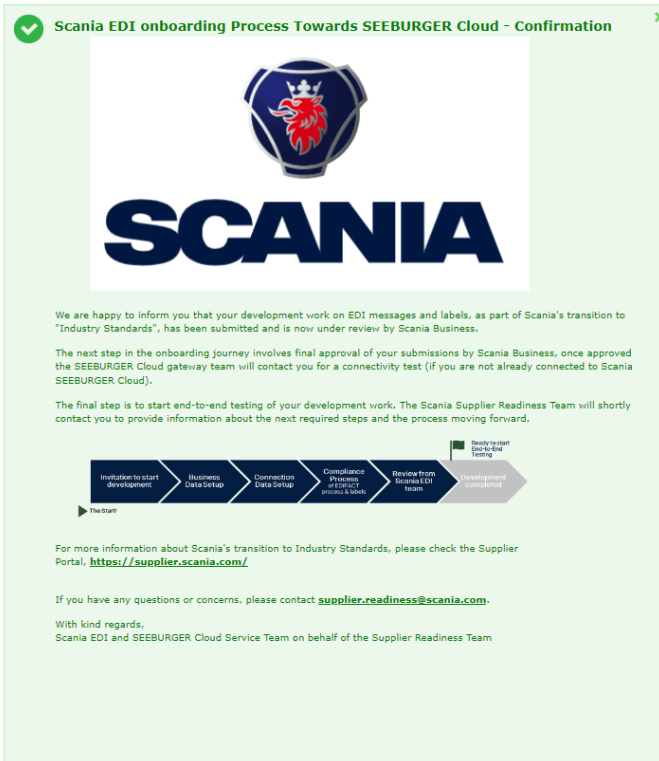
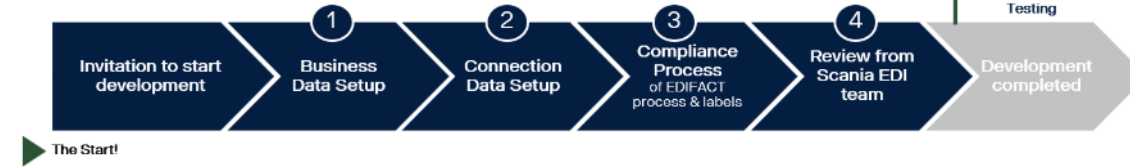
Automated approval process in SEEBURGER platform – Part 1



Manually approval process from Scania EDI team – Part 2

4. Review from Scania

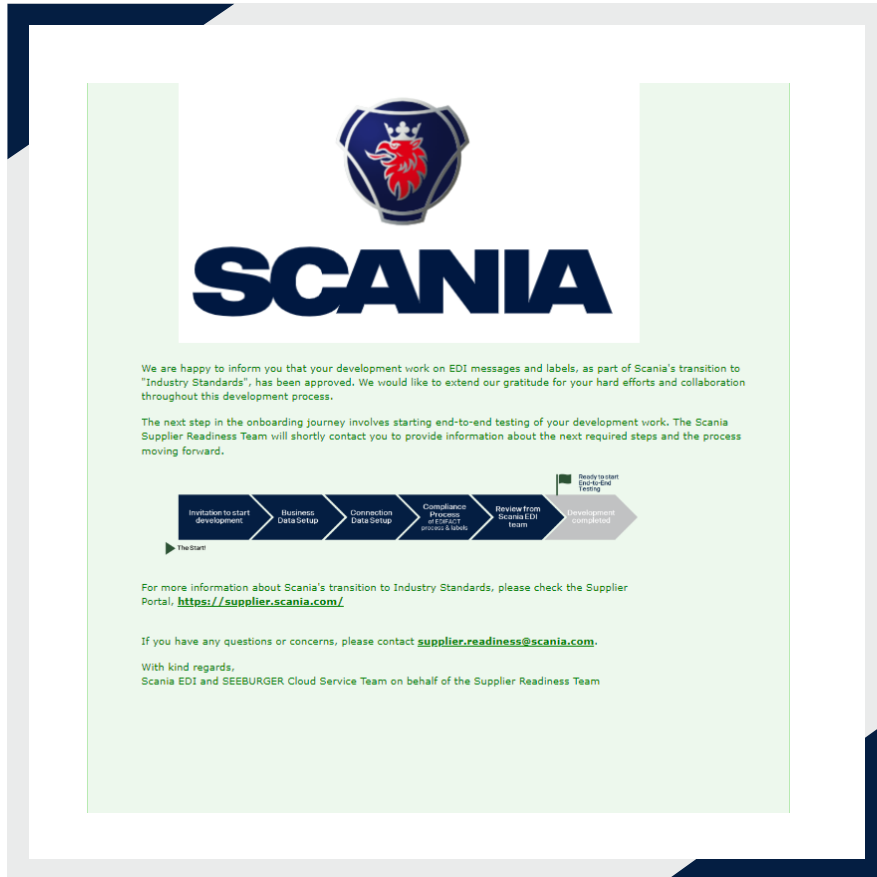
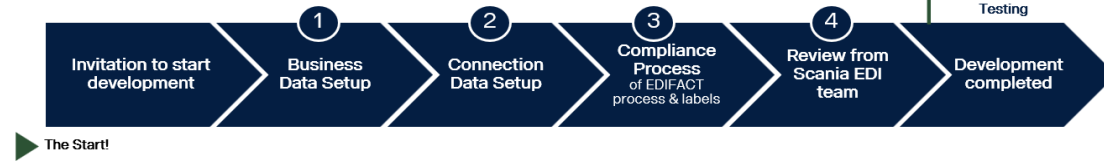
CMA-tool for technical development



- Receive an email that your files will be reviewed
- Confirmation email if you are approved or not approved
- If not approved – go back and adjust

5. Development completed

CMA-tool for technical development



- Receive email that **development is completed** and that you will have to perform a **connectivity test with Scania Seeburger Cloud**
- Perform connectivity test with Scania Seeburger Cloud
- When you are approved you are **ready to start E2E testing** – Information on this will be provided later

4. Onboarding Journey and Q&A session

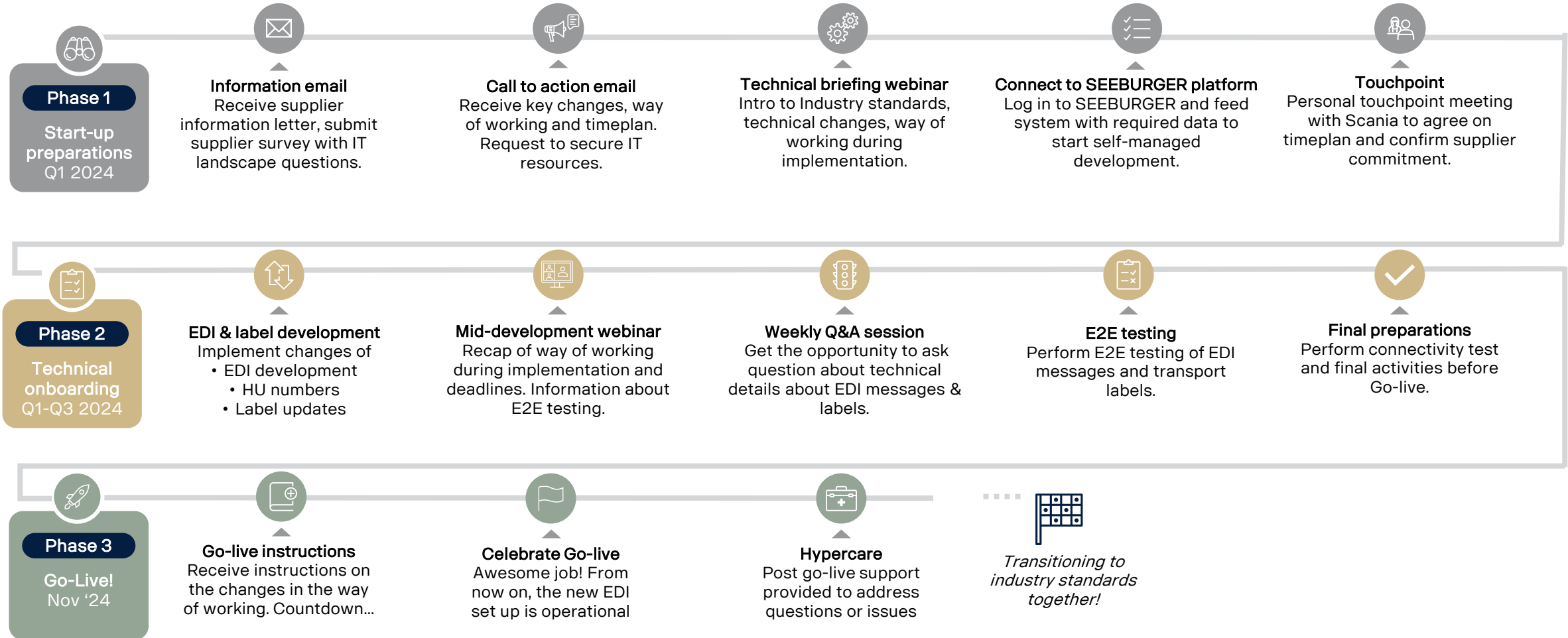
Wasim Akram

Project Manager | SNDE | Scania
CV AB



Supplier Onboarding Journey

Follow these steps to achieve successful implementation





Supplier portal will be main portal for information - Technical Specifications

Supplier portal for information

- Our trusted **Supplier Portal** remains a central **hub** for all necessary information about Scania's transition to Industry Standards.
- You will find **all relevant information** about the **onboarding journey, timeline and technical guidelines** on this page.
- Please **make sure to be updated on the latest available information** as this site will be continuously updated with the new information.

[Access the supplier Portal Click here](#)

The screenshot displays the Scania Supplier Portal interface. At the top, the Scania logo and 'Scania Supplier Portal' are visible. The navigation menu includes 'Supplier Information', 'About Scania', 'Supplying to Scania', and 'Supplier Requirements'. Below this, there are links for 'Helpdesk/Support', 'Document Library', and 'Scania Industry Standards Transformation'. A dropdown menu is open under 'Scania Industry Standards Transformation', listing items such as 'Background Industry standards', 'Technical documentation and guidelines', 'End-to-End (E2E) Testing', 'Go-live instructions', 'Webinars & FAQ', 'Suppliers onboarded to Battery', and 'Factory'. On the right side, the page title is 'TECHNICAL DOCUMENTATION AND GUIDELINES', followed by a brief introduction and a list of links: 'Overview: Technical Changes', 'Technical Manual 1', 'Technical Manual 2', and 'EDI explanation videos'. A dashed box highlights the 'Access the supplier Portal Click here' link in the left sidebar.

Key success factors

Steps to achieve successful implementation



Communication is the Key

Stay tuned to our communications. Regular Updates and guidelines will be shared, ensuring you're well informed at every stage.



Collaboration Matters

Reachout to SRT for any clarification or assistance. Collaboration between our teams is crucial for a smooth Journey.



Timely Execution

Adherence to timelines is Vital. Execute changes promptly to stay in sync with overall implementation schedule.



Continuous Feedback

We value your input. Provide feedback throughout the journey. your insights help us refine and enhance our processes.

Support Contact



General questions and onboarding:

supplier.readiness@scania.com



Technical process and specifications:

edi@scania.com



Functionality of CMA:

tps_scania@seeburger.de



Your Questions

All questions will be either answered during the session or followed up afterwards.



5. Next Steps




Wasim Akram

Project Manager | SNDE | Scania
CV AB



Your immediate next actions

What you have assured so far

-  You have provided your Supplier Readiness Survey feedback
-  You have secured IT resourced to implement changes
-  **If not please initiate and complete these steps**

Next actions by suppliers

- Access the Supplier Portal
- Read and understand Scania's updated logistics manual
- Review the provided technical specifications for EDI and GTL
- Make sure to secure your IT resources to start technical development as soon possible.
- After receiving invitation (expected CW9) - Connect to CMA-tool to start technical development
- Start developing according to Technical Specification

- All materials and access to the **Supplier Portal** will be shared beginning of coming week (CW 9)
- The next major touchpoint – **Mid Development Webinar** - is planned for appr. CW 16



**THANK YOU FOR
PARTICIPATING TODAY!**

TRANSITIONING TO INDUSTRY STANDARDS TOGETHER





SCANIA

Frequently asked questions



Will all Scania units will move to new ERP and if yes, when?

The implementation of Scania's internal ERP-system will be done Production Unit by Production Unit and in several implementation steps. The implementations will be done over the next several years. The first releases took place in the Battery Factory in Södertälje in 2023. This release applies for all automotive parts deliveries for serial production to Scania via Hasselt Logistic Hub Central Europe, Logistic Center & Consolidation Point.

I have already completed the migration to Seeburger cloud. How is this connected to Industry Standards?

Please note that the Scania migration to Seeburger cloud is a separate project. Industry standards is referring to the launch of Scania's new IT landscape, making changes to the current EDI setup and label formats. These changes are not connected.

Will the new supplier number apply for all part numbers being delivered, or only for part numbers being to new Battery Factory?

The new supplier number is only applicable for the parts being delivered to the Battery Factory SEBA and Hasselt NBF. However, it will as the project progresses be applied on all Scania Production Units.

If we have an external EDI service provider, should we inform them about theses changes?

Yes, if you are currently using an external EDI service provider, we ask you to inform us via supplier.readiness@scania.com and ensure that they receive all relevant information to start development work of EDI messages and labels.

How will this presentation be shared?

Presentation and the recording will be shared via email and uploaded to the [Supplier portal – Industry standards page](#).

Frequently asked questions



- Where do I find the technical guidelines and manuals?**
ST4172-1 and STD4172-10 is available on the [Supplier portal – Industry standards page](#). Here you will also be able to find instruction videos and step-by-step manuals supporting you as a supplier through the onboarding journey.
- Where do we acquire HU number sequences?**
It is up to the supplier to decide, as long as it is globally unique according to the standard (DUNS or ODETTE). You can read details about HU in Scania logistics manuals STD4172-1 and STD4172-10.
- Is the RFF+AJS Segments fixed, as the Ordernumber was? Or is this a floating field changing often?**
The RFF+AJS is fixed for the PN (first 10 digits is the scheduling agreement number, and the last 5 digits is the position on the scheduling agreement for the specific PN. It will only change if there is a new scheduling agreement from Scania Purchasing.
- What is the most important thing to keep in mind when changing labels and EDI requirements?**
The Handling Unit number. It needs to be globally unique, and it's up to you as a supplier to choose who will issue this globally unique Handling Unit number. You can read details about Handling Unit numbers in Scania logistics manuals STD4172-1 and STD4172-10.
- How do I get access to the CMA tool to start my development?**
You will shortly receive an email with a link to start your development work on EDI messages and labels via the CMA tool, provided by SEEBURGER - Scania's EDI Service Provider. Within the CMA tool, you will have the possibility to test your development work on EDI messages (DELFOR, DESADV, INVOIC) and labels.



Frequently asked questions

- Will S,M, and G pallet types be replaced in the ASN as well?**
No, but the prefixes used is changed from S,M and G to 1J (single), 5J (mix) and 6J (master). The structure of the CPS-loops is also different depending on if it is a single, master or mixed loading unit. Examples of different packaging structures can be found in the back of the EDIFACT DESADV D07A specification on Scania Supplier Portal.
- When you say split a DELFOR, do you mean that there will be multiple UNH segments in the DELFOR?**
Yes, we can apply several DELFORs in the same transmissions, they will then be separated with a new UNH-segment.
- What happens if we are not able to send the Handling unit number in the DESADV?**
Unfortunately, the use of a Handling Unit number is a firm requirement.