Accelerating Essity's Digital Transformation

SUPPLIER MANAGED INVENTORY

(Non-consignment Item Category)

Audience: Essity Suppliers

Direct Materials

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Supplier Managed Inventory

Course Objectives

By the end of this course, you should be able to:

1   Understand the Supplier Managed Inventory Process Flow

2   Learn to view Inventory Levels

3   Understand the Supplier Managed Inventory Key Figures

4   Learn how to Propose and Send Planned Shipment

5   Learn how to display Scheduling Agreement and create Advanced Ship Notice

Supplier Managed Inventory
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Supplier Managed Inventory
Introduction

Supplier Managed Inventory

The Supplier Managed Inventory within SAP Business Network enables Essity to share and give visibility into their demand and inventory data to aid their Suppliers in planning the replenishment of stock more accurately on behalf of Essity.

Horizon demand

Essity will share the dependent demand spanning **16 weeks**, however the daily demand quantity will be shown in first **10 weeks only**.
In the following **weeks 11-16**, demand quantity will be cumulated to weekly total value and displayed on beginning of each week. When the horizon reaches 10 weeks, then again will be shown in daily granularity.

Supplier's actions

- Suppliers should create **optimal delivery schedules** as an indication of intended planned shipments based on Essity's demand. All deliveries should be inserted on the **Planning Collaboration Page – SMI view** and the data should be sent to Essity. This automatically updates the Scheduling Agreement with delivery schedule lines in Essity's SAP ERP system.

- Suppliers should ensure to plan and deliver quantities within the delivery dates committed in the planned shipment with respect to the min/max stock levels.

- In case unable to deliver planned quantities within the delivery date, **suppliers should update the planned shipments beforehand to avoid having undelivered planned shipments in the past.**

- If at the time of ship notice creation supplier deemed unable to ship the quantities scheduled for delivery, the quantities in the planned shipment (Planning Collaboration page) should also be updated to have aligned values in the system.

- Supplier should **create ship notice and send dispatch file either via cXML message or by manual upload** thru the portal, depends on agreement with Essity.

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Supplier Managed Inventory Process (non-consignment materials)
Supplier Managed Inventory Process

Supplier

- Review Inventory, Demand and Min/Max Levels
- Propose & Push Planned Shipment Data
- Review Schedule Lines
- A
- Create Advanced Ship Notice
- Ship Goods
- View Goods Receipt

If there are changes in original planned qty, Supplier needs to reflect that in Planning to give:
- Accurate stock projection
- Prevent leaving open quantities in past dates

SAP Business Network

- 1 Inventory, Demand and min/max
- 2 Planned Shipment
- 3 SA with Schedule Lines
- 4 ASN
  - cXML CSV
- 5 Goods Receipt

Essity /Buyer

- START
- Create Scheduling Agreement
- Send Inventory, Demand and min/max
- Update SA with Schedule Lines
- Send SA with Schedule Lines
- Create Inbound Delivery
- Receive Goods
- Post GR

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1,3,5 Essity Tasks

2,4 A Supplier Obligatory Tasks

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Supplier Managed Inventory
View Inventory Levels (1/5)

The planning relevant data (gross demand, stock levels etc.) are reflected in the Planning Collaboration Page.

1 Click the **Planning** drop-down list.

2 Select the **Planning Collaboration** option.

3 **Search filters** allow identification of specific SMI data. Enter search criteria into any of the filter fields as desired.

4 Click the **Search** button.

Supplier Managed Inventory
View Inventory Levels (2/5)

Planning Collaboration

> Search filters

« Page 1 »

Customer	Customer part no.	Description	Customer location	Lead time	Part status	Last customer update↓	Last supplier update
Essity Health and Hygiene - TEST Essity			SEF2 (OWN_EU_PCF_SE_FBG_Falkenberg)	3	Active	21 Jul 2021 4:00:56 AM	20 Jul 2021 11:37:18 PM

5 The **Planning Collaboration** page displays a table of inventory that can include the following columns:

- **Customer** – Customer's Company name

- **Customer part no. / Description –** Essity's material number and description

- **Customer location** - Essity's plant location

- **Lead time** – delivery time assigned to the material

- **Part status** – information if planning is active for the material

- **Last customer update** – date when data has been last updated by Essity

- **Last supplier update** – date when data has been last updated by Supplier

Supplier Managed Inventory
View Inventory Levels (3/5)

Furthermore, the Planning Collaboration page displays information about the inventory levels:

6 **Stock on Hand:**

Quantity – shows the customer's current quantity available in the plant.
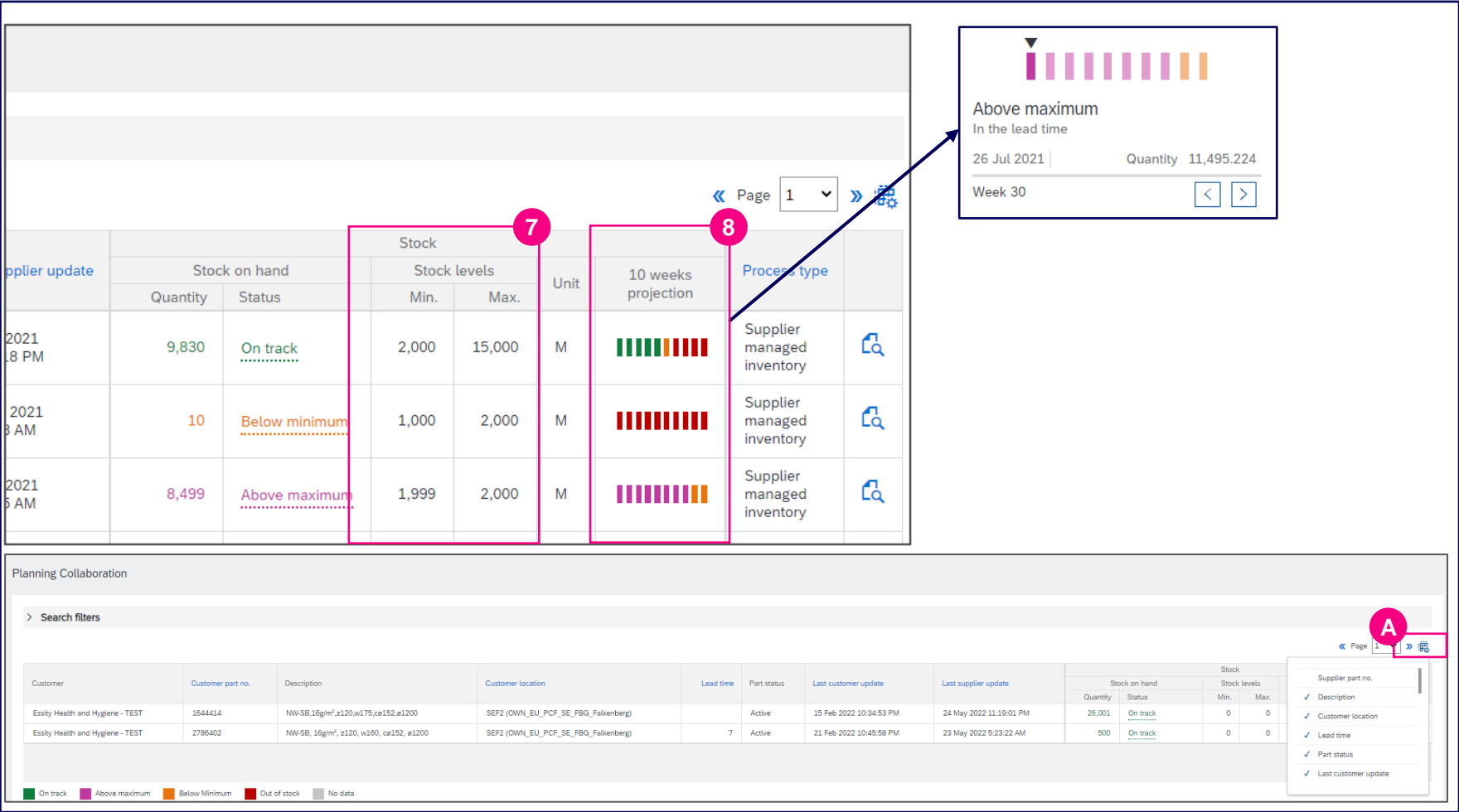
Status – based on the min/max levels, this shows if the current quantity on hand is within, going below, or over the defined inventory levels.

Clicking on the link will show further details on how materials are classified.

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Supplier Managed Inventory
View Inventory Levels (4/5)

Above maximum
In the lead time

26 Jul 2021   Quantity 11,495.224

Week 30

	Stock					
pplier update	Stock on hand	Stock levels		Unit	10 weeks projection	Process type
	Quantity	Status	Min.	Max.		
2021 8 PM	9,830	On track	2,000	15,000	M	Supplier managed inventory
2021 8 AM	10	Below minimum	1,000	2,000	M	Supplier managed inventory
2021 6 AM	8,499	Above maximum	1,999	2,000	M	Supplier managed inventory

Planning Collaboration

> Search filters

Customer	Customer part no.	Description	Customer location	Lead time	Part status	Last customer update	Last supplier update	Quantity	Status	Min.	Max.
Essity Health and Hygiene - TEST	1644414	NW-SB,16g/m²,z120,w175,cø152,ø1200	SEF2 (OWN_EU_PCF_SE_FBG_Falkenberg)		Active	15 Feb 2022 10:34:53 PM	24 May 2022 11:19:01 PM	26,001	On track	0	0
Essity Health and Hygiene - TEST	2786402	NW-SB, 16g/m², z120, w160, cø152, ø1200	SEF2 (OWN_EU_PCF_SE_FBG_Falkenberg)	7	Active	21 Feb 2022 10:45:58 PM	23 May 2022 5:23:22 AM	500	On track	0	0

Supplier part no.
√ Description
√ Customer location
√ Lead time
√ Part status
√ Last customer update

■ On track ■ Above maximum ■ Below Minimum ■ Out of stock ■ No data

7 Stock Levels
- Min. stock level
- Max. stock level

8 10 weeks projection

Graphically shows how the planning will affect the inventory projected in 10 weeks' time.
Calculated as stock on hand minus demand projected for 10 weeks, plus shipments projected for 10 weeks.

A The table can be customized by clicking the table icon

NOTE

Please note that Essity does not have min/max levels set up for all materials.

It might happen that for some supplier's materials min/max level will be 0.

Supplier Managed Inventory
View Inventory Levels (5/5)

	Stock							
pplier update	Stock on hand		Stock levels		Unit	10 weeks projection	Process type	
	Quantity	Status	Min.	Max.				
2021 8 PM	9,830	On track	2,000	15,000	M		Supplier managed inventory	
2021 AM	10	Below minimum	1,000	2,000	M		Supplier managed inventory	
2021 AM	8,499	Above maximum	1,999	2,000	M		Supplier managed inventory	

« Page 1 »

9 **Click the icon** to display key figures and plan the deliveries on this page.

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Supplier Managed Inventory
Inventory Level - Key Figures (1/2)

Key figures	15 Sep 2022	16 Sep 2022	17 Sep 2022	18 Sep 2022	19 Sep 2022	20 Sep 2022	21 Sep 2022
Gross demand							
Firmed orders							
Planned shipment							
In transit							
Projected stock	7,591	7,591	7,591	7,591	7,591	7,591	7,591
Minimum proposal	-7,591	-7,591	-7,591	-7,591	-7,591	-7,591	-7,591
Maximum proposal	-7,591	-7,591	-7,591	-7,591	-7,591	-7,591	-7,591
Total shipment							
Days' supply (SMI)	1,094	1,093	1,092	1,091	1,090	1,089	1,088
Goods received							
Receiving Calendar							
Note							

Buyer name: Essity Health and Hygiene - TEST
Customer location: OWN_EU_PCF_SE_FBG_Falkenberg
Part no.: 5922700
Part description: ADH-HM, Full-Care 8515FE ZP, Block, 1 kg

View by: Daily
Starting from: 09/15/2022

Chart

Stock on hand: 7,591 (KG) | Part details

Refresh data

On track ■ Above maximum ■ Below minimum ■ Out of stock ☐ Lead time

1 The planning Collaboration Page – SMI view contains the list of **key figures** which will help suppliers plan the deliveries. The detailed description is on the following slide.

NOTE

The correct planning data incl. Projected Stock calculation will be reflected on the planning collaboration page for the day starting **9am CET**.

Essity recommends doing adequate planning after 9am CET otherwise supplier will still see the previous date as the 1st day in the time will still consider data from yesterday.

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Supplier Managed Inventory
Inventory Level - Key Figures (2/2)

Figure	Description	Source
Gross demand	Total quantity representing the customer's gross requirements for the material extracted from the customer's ERP.	Buyer ERP
Firmed orders	Total scheduling agreement release quantity that was placed within each of the time buckets within the firm zone. The firmed orders quantity will be displayed once the Planned Shipment data will be sent to Essity using „Send Data" button.	SAP Business Network calculation
Planned Shipment	Estimated supplier committed quantity. Suppliers to insert planned deliveries in this section.	Supplier
In transit	Total quantity shipped by the supplier (based on ASNs) that are expected to arrive within the time bucket, but not yet received by the customer.	SAP Business Network calculation
Projected Stock	Projected inventory based on stock on hand.	SAP Business Network calculation
Minimum proposal	The Minimum Proposal key figure specifies the minimum planned shipment quantity required to bring the stock up to the defined minimum stock level.	SAP Business Network calculation
Maximum proposal	The Maximum Proposal key figure specifies the maximum planned shipment quantity required to bring the stock up to the defined maximum stock level.	SAP Business Network calculation
Total shipment	Total shipped quantity based on total receipts by the Buyer for each time bucket.	SAP Business Network calculation
Days of supply (SMI)	Coverage of (projected) stock in respective time bucket.	SAP Business Network calculation
Receiving Calendar	Custom key figure where the value "1" in each of the time bucket represents Essity's preferred delivery day at the Essity site.	Buyer ERP
Note	Suppliers can insert notes in the field for their internal usage. The entries in the Note key figure is visible only within Ariba and not sent to Essity backend system. *(Letters are not accepted in the filed, only numbers)*	Supplier
Overdue Delivery	Quantity still in transit from the last 2 weeks (still not received). Projected stock is including overdue delivery in the calculation.	SAP Business Network calculation

Supplier Managed Inventory
Gross Demand Horizon

The demand figures is sent by Essity for 16 weeks.

[The SMI figures are updated daily]

1 The daily demand quantity will be shown in first **10 weeks** only.

2 And in the following **weeks 11-16**, demand quantity will be cumulated to weekly total value and displayed on beginning of each week.

When the horizon reaches 10 weeks, then again will be shown in daily granularity.

Supplier Managed Inventory
Supplier managed inventory details (1/2)

Buyer name	Customer location	Part no.	Part description
Essity Health and Hygiene - TEST	OWN_EU_PCF_SE_FBG_Falkenberg	2994601	NW-SB, 15g/m², z120, w180, cø152, ø1200

View by: Daily   Starting from: 02/22/2023

Chart

1 Stock on hand: 6,982,500 (MTK) | Part details

Key figures	22 Feb 2023	23 Feb 2023	24 Feb 2023	25 Feb 2023	26 Feb 2023
Gross demand					
Firmed orders	400				
Planned shipment	400				
In transit					
Projected stock	6,982,900	6,982,900	6,982,900	6,982,900	6,982,900
Minimum proposal	-4,982,900	-4,982,900	-4,982,900	-4,982,900	-4,982,900
Maximum proposal	-1,982,900	-1,982,900	-1,982,900	-1,982,900	-1,982,900
Total shipment					
Days' supply (SMI)	1,094	1,093	1,092	1,091	1,090
Receiving Calendar	1	1	1		
Note					
Overdue Delivery					

Refresh data

■ On track   ■ Above maximum   ■ Below minimum   ■ Out of stock   ■ Lead time

1 Stock On Hand

Display current stock on hand, Min and Max level assigned and Buyer own stock information.

2 Firmed Order – Planned shipment is converted to Firmed Order on generating a schedule line in the Scheduling Agreement.

3 Planned Shipment – suppliers are obliged to insert planned deliveries by using ‚Pencil icon'

4 In Transit/Total Shipment – Once the ASN is submitted, the In Transit and Total Shipment values are updated.

5 Overdue Delivery - inform about quantity/volume of shipments that's still not received in past 2 week.

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Supplier Managed Inventory
Supplier managed inventory details (1/2)

Chart

Stock on hand: 392,000 (MTK) | Part details

Key figures	8 Feb 2023	9 Feb 2023	10 Feb 2023	11 Feb 2023
Gross demand	76,133.7	5.392.991		
Firmed orders				
Planned shipment				
In transit				
Projected stock	394,311.3	388,918.309	388,918.309	388,918.309
Minimum proposal	-282,311.3	-276,918.309	-276,918.309	-276,918.309
Maximum proposal	-114,311.3	-108,918.309	-108,918.309	-108,918.309
Total shipment				
Days' supply (SMI)	11	10	9	8
Receiving Calendar	1	1	1	
Note				
Overdue Delivery	78,445			

Projected Stock = Stock on Hand - Gross Demand + Planned Shipment + Overdue Delivery

$$394{,}311.3 = 392{,}000 - 76{,}133.7 + 0 + 78{,}445$$

7 Projected Stock Calculation

Projected Stock Current Time Bucket = Stock On Hand – Gross Demand + Planned Shipment + Overdue Delivery

8 Minimum / Maximum Proposal Calculation

Minimum Proposal = Minimum Stock – Projected Stock.

Maximum Proposal = Maximum stock – Projected Stock.

Supplier Managed Inventory
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Supplier Managed Inventory
Planned Shipment (1/2)

Stock on hand: 6,982,500 (MTK) | Part details

Key figures	22 Feb 2023	23 Feb 2023	24 Feb 2023	25 Feb 2023	26 Feb 2023	27 Feb 2023
Gross demand						
Firmed orders	400					
Planned shipment	400					
In transit						
Projected stock	6,982,900	6,982,900	6,982,900	6,982,900	6,982,900	6,982,900
Minimum proposal	-4,982,900	-4,982,900	-4,982,900	-4,982,900	-4,982,900	-4,982,900
Maximum proposal	-1,982,900	-1,982,900	-1,982,900	-1,982,900	-1,982,900	-1,982,900
Total shipment						
Days' supply (SMI)	1,094	1,093	1,092	1,091	1,090	1,089
Receiving Calendar	1	1	1			1
Note						
Overdue Delivery						

Refresh data

1 Before submit **Planned Shipment** please take a look at **Receiving Calendar** section, where Essity's preferred delivery dates are inserted. Based on that information you can easily plan replenishment of the products.

2 Click the **pencil icon** on the Planned Shipment key figure.

NOTE

The **scheduling agreement firm zone is 14 days** and trade off is 30.

Supplier can do the planning for more than 14 days but only 14 days plan will appear as firmed orders. When the delivery date is reached (or nearing that date) the commitment level will not change to Firmed Orders automatically. Supplier should press „Send Data" button again in order to trigger that movement.

The quantity should be inserted without any (.) character. Please insert e.g., 30000 instead of 30.000.

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Supplier Managed Inventory
Planned Shipment (2/2)

3 The **Planned Shipment** editable fields will open, enter the quantity for replenishment under the appropriate date(s).

4 Click **Save** button and **Send Data**

NOTE

The date for which planned shipment is entered will trigger the delivery date in the schedule line.

Suppliers should ensure to deliver quantities within the delivery dates committed in the planned shipment with respect to the min/max stock levels. In case unable to deliver planned quantities within the delivery date, you should update the planned shipments beforehand to avoid having undelivered planned shipments in the past.

If at the time of ship notice creation supplier deemed unable to ship the quantities scheduled for delivery, the quantities in the planned shipment (Planning Collaboration page) should also be updated to have aligned values in the system.

In case a need to remove inserted planned shipments, supplier should always insert „0" value and „Send Data" to Essity. Otherwise, the updates will not be triggered on respective scheduling agreements. Supplier should always **"Send Data"** to Essity in order to trigger any change related to planned shipment.

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Supplier Managed Inventory
Searching Scheduling Agreement (1/6)

Once the planned deliveries will be inserted and sent to Essity on the Planning Collaboration Page – SMI view the Scheduling Agreement will be updated with the updated Schedule Lines.

1 Click the **Orders** tab, then click **Orders and Releases** in order to display respective Scheduling Agreement.

2 The list of Scheduling Agreements will be displayed under **1st tile: Orders.**

3 Using specific filtering criteria, you can search exact SA number by using Exact match under Order numbers filter and inserting exact SA number or you can display wider range of SAs.

4 Once filters will be selected, please click **Apply** button.

Supplier Managed Inventory
Searching Scheduling Agreement (2/6)

Type	Order Number	Version	Customer	Inquiries	Ship To Address	Ordering Address	Amount	Date ↓	Order Status	Settlement	Actions
Agreement	5500000567	3	Essity Health and Hygiene - TEST		Essity Hygiene and Health AB, Falkenberg, 005, Sweden		0.00 SEK	May 23, 2022, 2:23:39 PM	Changed	Invoice	...
Agreement	5500000562	5	Essity Health and Hygiene - TEST		Falkenberg Factory, Falkenberg, 005, Sweden		0.00 SEK	May 12, 2022, 10:25:08 AM	Partially Received	Invoice	...
Agreement	5500000571	2	Essity Health and Hygiene - TEST		Falkenberg Factory, Falkenberg, 005, Sweden		0.00 SEK	May 5, 2022, 1:21:42 PM	Partially Shipped	Invoice	...
Agreement	5500000570	7	Essity Health and Hygiene - TEST		Falkenberg Factory, Falkenberg, 005, Sweden		0.00 SEK	May 5, 2022, 10:04:44 AM	Changed	Invoice	...

Resend Failed Orders

5 The list of Scheduling Agreements will be displayed in the table under Filtering section.

6 The table can be customized by clicking table setting icon.

In **table settings icon**, you can configure the table to hide or display columns.

Please **Drag and drop** column headers to hide or display.

7 Click **Apply** button for the table columns to update.

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Supplier Managed Inventory
Searching Scheduling Agreement (3/6)

Orders (3)

∨ Edit filter

Customers

| Select or type selections | ⊡ |

Order numbers **(8)**

| 5500000567 × | Type selection |

○ Partial match   ● Exact match

(9)

Apply Reset Cancel

Resend Failed Orders

Type	Order Number	Version	Customer	Inquiries	Ship To Address	Ordering Address	Amount	Date ↓	Order Status	Settlement	A	Actions
Agreement	5500000567 **(10)**	3	Essity Health and Hygiene - TEST		Essity Hygiene and Health AB, Falkenberg, 005, Sweden		0.00 SEK	May 23, 2022, 2:23:39 PM	Changed	Invoice		०००
Agreement	5500000567	2	Essity Health and Hygiene - TEST		Falkenberg Factory, Falkenberg, 005, Sweden		0.00 SEK	May 4, 2022, 4:26:21 PM	Obsoleted	Invoice		०००

(8) In order to display specific Scheduling Agreement, please select Exact match in the Filtering criteria and insert exact number of desired Scheduling Agreement.

(9) Click the **Apply** button.

(10) Click on the recent version of scheduling agreement number to view the details.

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Supplier Managed Inventory
Searching Scheduling Agreement (4/6)

The Scheduling Agreement contains general information such as: Customer/Suppliers details, payment terms, contract number, Transport conditions, Line Items level data etc.

11 In **Related Document** section supplier may find all related documentation created either by supplier (ASNs, canceled ASNs) or by Essity (Goods Receipt) in reference to this Scheduling Agreement.

12 The scheduled deliveries will be displayed upon clicking on **Details**.

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Supplier Managed Inventory
Searching Scheduling Agreement (5/6)

Status

33,175 Shipped	(Shipping Date: 12 May 2022) Shipment Id: ASN0572

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Control Keys

Order Confirmation: allowed

Ship Notice: allowed

Invoice: is not ERS

Contract Number

5500000572

Schedule Lines **14**

Page 1

Schedule Line #	Change	Shipment Status	Delivery Date	Ship Date	Quantity (Unit)	Customer Proposed Qty (Unit)	Customer Proposed Delivery Date	Cumulative Scheduled Qty (Unit)	Received Qty (Unit)	Commitment Level
1		🚚 **15**	5 May 2022 12:00 PM CEST		33,176 (MTR)			33,176.00 (MTR)		Firm
2			31 May 2022 12:00 PM CEST		2,000 (MTR)			35,176.00 (MTR)		Firm
3			1 Jun 2022 12:00 PM CEST		4,000 (MTR)			39,176.00 (MTR)		Firm
102	→ New		11 Jun 2022 12:00 PM CEST		3,000 (MTR)			42,176.00 (MTR)		Firm
103	→ New		13 Jun 2022 12:00 PM CEST		2,000 (MTR)			44,176.00 (MTR)		Firm
104	→ New		16 Jun 2022 12:00 PM CEST		4,000 (MTR)			48,176.00 (MTR)		Firm
105	→ New		18 Jun 2022 12:00 PM CEST		5,000 (MTR)			53,176.00 (MTR)		Firm
106	→ New		20 Jun 2022 12:00 PM CEST		3,000 (MTR)			56,176.00 (MTR)		Firm
107	→ New		25 Jun 2022 12:00 PM CEST		4,000 (MTR)			60,176.00 (MTR)		Tradeoff

13 In Status section all shipped quantities are displayed.

14 The line items section of the scheduling agreement displays the delivery schedule lines. If supplier inserts planned deliveries on the Planning Collaboration Page – SMI view, then the lines should be reflected on the Scheduling Agreement.

15 The icon with truck and blue clock informs supplier which line should be sent next.

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Supplier Managed Inventory
Searching Scheduling Agreement (6/6)

16 The lines with „Firm" Commitment Level, will be reflected in Items to Ship section.

17 The document can be downloaded by clicking Download icon.

NOTE When a supplier creates a planned shipment in SAP Business Network, this is transmitted to Essity SAP as schedule lines on the relevant scheduling agreement. As the schedule lines does not have the price information of the scheduling agreement line item, this does not trigger an update on the price for the scheduling agreement line item.

Essity is using the goods receipt date for price determination.

Supplier Managed Inventory
Topic

Supplier Managed Inventory
Advanced Ship Notice

A supplier sends Ship Notice to inform buyers of upcoming delivery of ordered materials.

It contains information on the handling units (pallets/boxes/reels), material number, batch number, quantity, and identity as a SSCC (Serial Shipping Container Code) and Reel ID for a reel materials. In case of quality issues, this makes it possible for Essity to trace the reel or box used and can quickly find the rest of the material from the same batch.

There are two options to submit Ship Notice to Essity via SAP Business Network:

Advanced Ship Notice with despatch CSV Attachment:

- Supplier creates Ship Notice against an order in SAP Business Network and attaches the despatch CSV file generated from their scanning solution.
- Once it reaches Essity, this will be used as basis for generating the Inbound Delivery in backend.
- Please follow the next slides to know how to create Advance Ship Notice and upload CSV file **in format .csv**

Advanced Ship Notice for Integrated Suppliers:

- Supplier connects to SAP Business Network using cXML routing method. They can set the shipping status of scheduling agreement line items by sending cXML ShipNoticeRequest document.
- SAP Business Network receives ShipNoticeRequest documents, validates them against the cXML DTDs, and sends them to Essity. This will then be used as basis for generating the Inbound Delivery in backend.

Despatch CSV

Supplier Scanning Solution

SAP Business Network

Essity

ShipNotice Request cXML

Supplier Backend System

SAP Business Network

Essity

Supplier Managed Inventory
CSV requirements

Header Name	Description
Material number	ESSITY material number
Pallet Quantity	Specify the quantity held in a pallet. Should follow the Unit of measure in the Order. Total of pallet quantity in the file should match the shipped quantity in the Ariba Ship Notice.
Vendor Batch id	Suppliers' production identification/production Lot Number (will be used by Essity in case of Q incident). Should be same as second barcode on pallet label. Maximum 20 characters, numbers, letters and signs are ok. Supplier can use one batch ID per SSCC code. **Using multiple batch IDs for 1 SSCC code is not allowed.**
SSCC	18 digits and may not start with "0". Should be same number as third barcode on pallet label. The code structure of the SSCC is as follows: **P MMMMMMM SSSSSSSSS C** P: Packaging indicator. It's recommended in the EAN world that the packaging indicator be set to 3, unidentified package. M: Supplier number. Seven figures indicating the supplier. This ID is given the supplier by the national EAN organization. S: Series of numbers. Nine figures used to give a unique Id to the handling unit. The company that code marks the unit is responsible for this number series. The combination of supplier ID and this number should be unique. C: Check figure. The calculation of this check figure is based on the preceding figures. An EAN standard algorithm is used for this calculation.
Shipment id	Unique ID per shipment. One dispatch per shipment (can be equal Despatch id). Maximum 16 characters, numbers, letters and signs are ok.
Despatch id	Unique ID, one or many per shipment e.g. a rolling load number. Maximum 16 characters, numbers, letters and signs are ok.
Timestamp	Date is required. Hour, minute and second is preferred. Format that is ok: 2018-02-12 10:23:15.
Fixed value	In the as-is process Essity is not using this field and instructed vendor to default value to "xx"
Number of reels	a) Number of reels per pallet. b) Or number of boxes (non-reel material, for example glue) per pallet. Field may not start with "0". No decimals.
Reel id	Enter the unique Reel ID or Box ID. Should be same number as the number in reel barcode label. Max 18 characters, number, letters and signs are ok. If you have an Application identifier, this should not be included. For example if label has (21) 12234567, despatch should have 12234567.
Reel quantity	Quantity held per Reel or Box. Should follow the same Unit of measure in the Order. If total reel quantity for a pallet does not match pallet quantity 100%, it is ok. Deviation due to rounding is accepted as long as the difference is less than half of the last Reel. Decimals are allowed up to 3 decimal places. Sample: 28400.234
Essity Supplier id	Supplier ID provided by ESSITY. Can be different supplier ID for different plants.
Essity Factory id	Essity Plant ID
Order	(Optional but recommended to add) Purchase Order # or the Scheduling Agreement #
Line Item	(Optional but recommended to add) Line-item number

Supplier Managed Inventory
CSV sample

The despatch CSV file will contain the following information:
- Semicolon delimited file
- No header fields on the actual file
- Total of 15 columns (with 2 optional)
- (.) dot should be used for decimals (please remember to not use comma (,)
- The quantity inserted in the despatch file should be in the same UoM as on the Scheduling Agreement

Please generate the files with encoding UTF-8 only

The only acceptable format of the file is .csv. Suppliers are not allowed to upload different despatch file formats i.e.: .txt, .xls

Traceability at Pallet Level (sample below is having 5 pallets and assigned to different vendor batches) – Non reel

```
desfile_supplierName_date2022.csv

1  2415800;36.865;FS0625-A;37310791300307135;BRD2415800;BRD2415800;2022-01-19 05:43:20;xx;0;x;0;100065760;SEF2;5500000553;10
2  2415800;36.865;FS0625-B;37310791300307142;BRD2415800;BRD2415800;2022-01-19 05:43:20;xx;0;x;0;100065760;SEF2;5500000553;10
3  2415800;36.865;FS0625-C;37310791300307159;BRD2415800;BRD2415800;2022-01-19 05:43:20;xx;0;x;0;100065760;SEF2;5500000553;10
4  2415800;36.865;FS0625-D;37310791300307166;BRD2415800;BRD2415800;2022-01-19 05:43:20;xx;0;x;0;100065760;SEF2;5500000553;10
5  2415800;36.865;FS0625-E;37310791300307173;BRD2415800;BRD2415800;2022-01-19 05:43:20;xx;0;x;0;100065760;SEF2;5500000553;10
```

Traceability at Reel Level (sample below is having 2 pallets with 2 reels on each) - Reel

```
desfile_supplierName_date.csv

1  10069604;125;FS0744A;37310791300307494;ASN0744;ASN0744;2022-2-11 07:05:52;xx;2;FS0744A1;62.5;100060465;SEF2;4300000744;10
2  10069604;125;FS0744A;37310791300307494;ASN0744;ASN0744;2022-2-11 07:05:52;xx;2;FS0744A2;62.5;100060465;SEF2;4300000744;10
3  10069604;125;FS0744A;37310791300307500;ASN0744;ASN0744;2022-2-11 07:05:52;xx;2;FS0744A3;62.5;100060465;SEF2;4300000744;10
4  10069604;125;FS0744A;37310791300307500;ASN0744;ASN0744;2022-2-11 07:05:52;xx;2;FS0744A4;62.5;100060465;SEF2;4300000744;10
```

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Supplier Managed Inventory
Advanced Ship Notice with CSV upload (1/4)

1 In order to create Advance Ship Notice please click the **Orders** tab, then click **Orders and Releases**.

2 Click on the **Items to Ship** tile.

3 The table can be customized by clikcing the **table settings icon** to show the list of available and displayed columns.

In **table settings icon**, you can configure the table to hide or display columns.

Please **Drag and drop** column headers to hide or display.

4 Click **Apply** button for the table columns to update.

Supplier Managed Inventory
Advanced Ship Notice with CSV upload (2/4)

5 If you are going to create Advance Ship Notice for single Scheduling Agreement, please expand the **Edit filter** section.

6 In the **Order numbers** section, select the **Exact match** radio button then enter the exact Scheduling Agreement number.

7 Click the **Apply** button to see the result.

8 Select the delivery schedule line for shipping.

9 Click on **Create ship notice** button. Next steps are indicated for ASN process creation with CSV file submission.

Supplier Managed Inventory
Advanced Ship Notice with CSV upload (3/4)

11 Check the **SHIP FROM** and **DELIVER TO** information.

Fill out the obligatory information on the form:

12 The **Packing Slip ID** is any number you use to identify the Ship Notice.

13 Select the **Shipping Date** and the **Delivery Date**.

14 Attach the Despatch CSV file by clicking the **Choose File** button, then locating, and selecting the file. It is a mandatory step.
Click the **Add Attachment** button.
The format of the despatch file must be .csv. Please only upload 1 file.

Advanced Ship Notice with CSV upload (4/4)

4 ASN

15 Please provide **Delivery Terms** from drop down list.

16 Select **Shipping Payment Method.** If the selected Payment Method is ‚Other' please insert n/a in the following field.

17 **Ship Quantity** is automatically populated from the Scheduling Agreement. Please verify this field and amend the planning collaboration page before ASN submission, if there is a quantity difference.

18 There is no need to indicate **Supplier Batch ID (Material ID) and SSCC Number. Those information will be automatically taken from CSV attachment.**

19 Click the **Next** button to proceed to review your Ship Notice.

20 Then click **Submit** button.

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Supplier Managed Inventory
Advanced Ship Notice Routing Status

(1) All submitted Advanced Ship notices are displayed under **Fulfillment section**.

(2) Select **Ship Notices** from the dropdown list.

(3) The **Routing status** informs if the document has been processed successfully. Supplier should review the status of submitted Advanced Shipping in order to reprocess the document in case of failure.

Obsoleted – document has been cancelled

Acknowledged – document has been submitted to Essity

Failed – document has been rejected

Supplier Managed Inventory
Advanced Ship Notice status – Acknowledged

(1) Essity is validating correctness of the Despatch file attached on the Ship Notice. If validation passes, then Routing Status will be shown as **Acknowledged.**
Open the **Ship Notice** page and select the adequate Ship Notice number.

(2) Click the **History** tab.

(3) Check the confirmation message shown in the comment that the document has been processed in the receiving system and the Inbound Delivery ID.

NOTE
If ASN routing status is already Acknowledged, **supplier should not edit/delete the ASN.** The inbound delivery is already generated in the backend system and changes is no longer allowed.

Supplier Managed Inventory
Advanced Ship Notice status – Failed (1/2)

Ship Notice: ASN1053 **1**

Cancel   Edit   Print   Export cXML

2
Detail   History

Despatch advice is missing for delivery date ASN1053 Please send file in order for Essity to be able to receive the goods

Ship Notice: ASN1053

Cancel   Edit   Export cXML

Detail   History **2**

Ship Notice: ASN1053
Routing Status: Failed
Received By Ariba Network On: 15 Feb 2022 5:52:11 PM GMT+01:00
Submitted By:

History

Status	Comments
	Processing cXML
	Processing cXML item
	The document has been transferred to the next integration point.
	The document is ready to be picked up by the recipient.
Acknowledged	Success
	Receipt of the document has not been confirmed by the trading partner. Reason: Not Acceptable - Despatch advice is missing for delivery date ASN1053 Please send file in order for Essity to be able to receive the goods
Failed	Despatch advice is missing for delivery date ASN1053 Please send file in order for Essity to be able to receive the goods

Essity is validating correctness of the Despatch file attached on the Ship Notice.

1 Open the **Ship Notice** page (Fulfillment tab) and select the adequate Ship Notice number.

2 The rejection reason will be displayed in **Detail** and **History** section.

If validation fails, then Routing Status will be shown as **Failed** and Supplier is expected to cancel Failed ASN and resubmit the corrected Ship Notice.

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Supplier Managed Inventory
Advanced Ship Notice status – Failed (2/2)

3 Click the **Cancel** button.

4 Click **Yes**, in order to confirm cancelation of Advanced Ship Notice.

5 Once the document will be canceled the **Routing Status** and **Ship Notice Status** will be changed.

Perform necessary correction on the Despatch CSV file and attach to the Ship Notice.

Resubmit the Ship Notice.

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Advanced Ship Notice- Failure email notification (1/2)

Recent Ariba Network document failures | Immediate notification

no-reply@ansmtp.ariba.com
Mon 12/6/2021 9:51 PM
To:

Here is a list of errors, relating to recent transactions, that occurred up to this time: 6 Dec 2021 5:51 AM PST

Buyer: Essity Health and Hygiene - TEST

Error Code	Document Type Document Number Payload ID	Reference Purchase Order	Timestamp	Status	Reason
ANL-0000009	ShipNoticeDocument ASN1277 1638798395333-8007689742766566849@10.162.96.192	4300001277	6 Dec 2021 5:46 AM PST	Failed	*Receipt of the document has not been confirmed by the trading partner.*

If you have any questions regarding this error notification, please contact Ariba Support.

Please do not reply to this email. Replies to this email will not be read.
© 2018 Ariba, Inc. All rights reserved.
Unsubscribe

Reply | Reply all | Forward

①

① Suppliers can receive email notification when an Advanced Ship Notice **failed.** This setting is controlled by suppliers in SAP Business Network. Buyers cannot configure it on behalf of their suppliers.

Procedure:
1. Click the **Account Settings** icon in the upper right corner
2. Click Settings > **Network Notification**
3. Go to the **Error Email Notification section**, enable **Send immediate notification upon failure**

Advanced Ship Notice- Failure email notification (2/2)

Recent Ariba Network document failures | Immediate notification

no-reply@ansmtp.ariba.com
Mon 12/6/2021 9:51 PM
To:

Here is a list of errors, relating to recent transactions, that occurred up to this time: 6 Dec 2021 5:51 AM PST

Buyer: Essity Health and Hygiene - TEST

Error Code	Document Type Document Number Payload ID	Reference Purchase Order	Timestamp	Status	Reason
ANL-0000009	ShipNoticeDocument ASN1277 1638798395333-8007689742766566849@10.162.96.192	4300001277	6 Dec 2021 5:46 AM PST	Failed	*Receipt of the document has not been confirmed by the trading partner.*

If you have any questions regarding this error notification, please contact Ariba Support.

Please do not reply to this email. Replies to this email will not be read.
© 2018 Ariba, Inc. All rights reserved.
Unsubscribe

Reply | Reply all | Forward

If desired, you can also enable an option to send a notification digest (an email with summary of failed documents recorded for the chosen time interval)

4. Go to the **Ship Notice** section, enable **Send a notification when ship notices are undeliverable** and **Send notification when a Declined Document status update request is received**

5. Specify the email address to send the notifications in the **To email addresses field**

As this notification displays only a generic failure reason, login to SAP Business Network to see full details

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Supplier Managed Inventory
Advanced Ship Notice - Mass upload (1/4)

Supplier can select materials from different Scheduling Agreements (only from the same location and delivery date) and consolidate into one Advance Ship Notice.

1 Click the **Orders** tab, then click **Orders and Releases**.

2 Click on the **Items to Ship** tile.

3 In order to display all shipment planned to be delivered on certain delivery date please expand the **Edit filter** section.

4 In the **Need by date** field, select the Custom Date Range and indicate exact delivery date. Then please click **Apply** button.

5 Click the **Apply** button to see the result.

Supplier Managed Inventory
Advanced Ship Notice - Mass upload (2/4)

Items to ship (12)

> Edit filter | Last 31 days Exclude fully shipped, +1 Exclude fully received

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Create ship notice

		Order No.	Item No.	Supplier Part No.	Description		Schedule Line No. ↑	Need By	Ship By	Commitme	Actions
⌄	☐										
⌄	☐	Customer: **Essity Health and Hygiene - TEST** Ship To Address: **Falkenberg Factory, Falkenberg, 005, SWE**									
	☑ **6**	5500000164	10	1969165		5482, Block, 0.	6	Apr 23, 2022		Firm	∘∘∘
	☐	5500000048	20	2119980		OMELT,Easyt.11	6	Feb 24, 2022		Firm	∘∘∘
	☐	5500000048	20	2119980		OMELT,Easyt.11	7	Feb 27, 2022		Firm	∘∘∘
	☐	5500000048	10	1969165		5482, Block, 0.	7	Apr 22, 2022		Firm	∘∘∘
	☑ **6**	5500000048	10	1969165		5482, Block, 0.	10	Apr 23, 2022		Firm	∘∘∘

6 Select the **delivery schedule lines** for shipping from the different scheduling agreements.

7 Click on **Create ship notice** button.

Then you will be redirected to the ship notice creation page.

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Supplier Managed Inventory
Advanced Ship Notice - Mass upload (3/4)

Create Ship Notice | Save | Exit | Next

* Indicates required field

SHIP FROM		DELIVER TO	
SCC SUPPLIER 13 - TEST	Update Address	Falkenberg Factory	Update Address
Sandhamn		Falkenberg	
Germany		Sweden	

8

▼ Ship Notice Header

9

SHIPPING
Packing Slip ID:* [   ]
Invoice No.: [   ]
Requested Delivery Date: --
Ship Notice Type: Select ▼
Shipping Date:* [   ] 📅 **10**
Delivery Date:* [   ] 📅
Hazard Type: Select ▼
Is Divisible: ⓘ ☐
▸ Dimensions

TRACKING
Carrier Name: [▼]
Service Level: [   ]

Code: [   ]

ATTACHMENTS

Name	Size (bytes)	Content Type
	No items	

[Choose File] No file chosen [Add Attachment] **11**
The total size of all attachments cannot exceed 100MB

---

8 Check the **SHIP FROM** and **DELIVER TO** information.

9 Fill out the requested information on the form:
The **Packing Slip ID** is any number you use to identify the Ship Notice.

10 Select the **Shipping Date** and **Delivery Date**

11 Attach the Despatch CSV file by clicking the **Choose File** button, then locating, and selecting the file. The file must contain all relevant handling unit information for all the materials in the ship notice line items.

It is a **mandatory** step. Click the **Add Attachment** button.

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Supplier Managed Inventory
Advanced Ship Notice - Mass upload (4/4)

12 Provide **Delivery Terms** from the drop down list

13 Select Shipping **Payment Method**

14 **Ship Quantity** is automatically populated from the Scheduling Agreement. Please verify this field and amend the planning collaboration page before ASN submission, if there is a quantity difference.

15 There is no need to indicate Supplier Batch and SSCC Number. This information will be automatically populated from CSV attachment.

16 Click the **Next** button to proceed to review your Ship Notice.

17 Then click the **Submit** button

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Supplier Managed Inventory
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Supplier Managed Inventory
Goods receipt

Once goods receipt is posted, the information will be reflected on the respective Scheduling Agreement.

In the Related Documents section there will be a list of relevant documents.

2 Documents which starts from 50xxxxxxxx refer to the Goods Receipt.
The details of receipt can be displayed by clicking on the document number.

# Supplier Managed Inventory
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Supplier Managed Inventory
Course Summary

The key points to remember from this course are:

1 Essity creates Scheduling Agreement, and the document is sent to SAP Business Network supplier view.

2 Essity sends demand, on-hand inventory quantities, and min/max levels.

3 Supplier analyzes buyer data and provides Planned Shipment quantities.

4 Supplier ships product to a buyer based on Scheduling Agreement Release and send Advanced Ship Notice.

5 Essity receives product and sends Goods Receipt notification (proof of delivery).
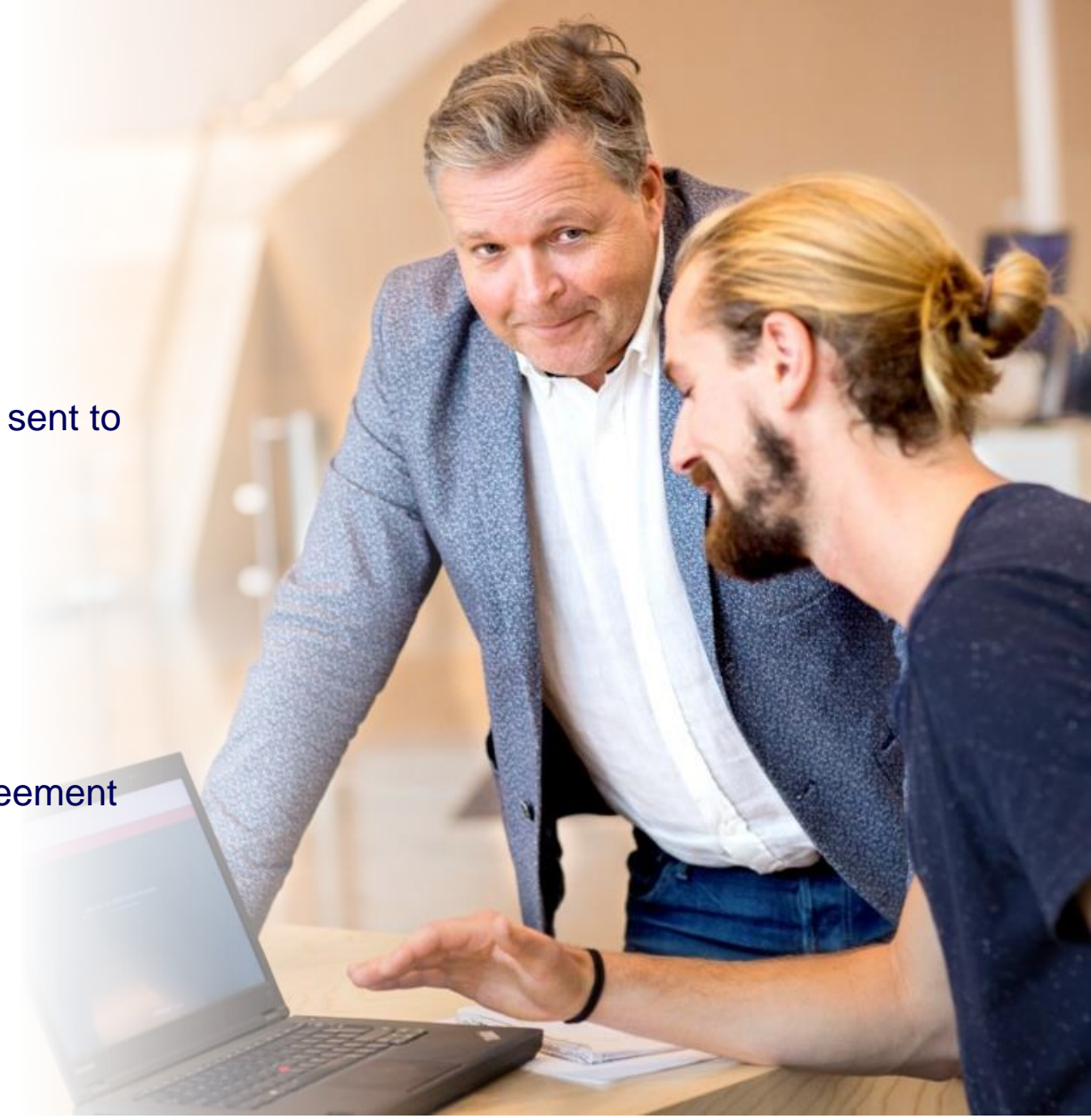
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Accelerating Essity's Digital Transformation

Questions

Please contact
SupplierInfo@essity.com

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Thank you for your participation. Join us in shaping our future!

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