

# Increasing Supply Chain interoperability, transparency and security based on global standards" action

IDDA User Manual for Web Application

Version: 1.2.0  
Last updated: 30/10/2020  
Prepared by: ERBA 96 Kft. with GS1 and BCC



Co-financed by the Connecting Europe  
Facility of the European Union



**BLOCKCHAIN**  
COMPETENCE CENTER

**Note for the reader**

on

IDDA Integrated Delivery by Digital Assistance

User Manual

This User Manual is a work in progress in parallel with the development of the IDDA System.

## Table of Contents

Introduction.....	5
Technical differentiation between IDDA and eDelivery.....	5
Process overview.....	6
Business Profiles in the System.....	7
Blockchain authentication.....	7
Signing in.....	9
Dashboards.....	10
Your Credentials and Logging out.....	11
Blockchain authentication status (The Colour of the Eye icon).....	12
Transaction Details (Clicking on the Eye icon).....	13
Transaction Raw GS1 XML (Clicking on Text icon).....	14
Seller Role.....	15
Main menu.....	16
Product Administration/Products.....	17
Add New Product.....	18
Orders/Order History.....	19
Orders/Order Response History.....	20
Add New Order Response.....	21
Delivery of Goods/Despatch Advice History.....	22
Add New Despatch Advice.....	23
Delivery of Goods/Receiving Advice History.....	24
Return Goods/Return Goods Despatch Advise.....	25
Return Goods/Return Goods Receiving Advise.....	26
Add New Return Goods Receiving Advise.....	27
Traceability/Transport History.....	28

Additional Activities/Item Data Notification History.....	29
Add New Item Data Notification .....	30
Buyer Role .....	31
Main menu .....	32
Orders/Order History .....	33
Add New Order.....	34
Orders/Order Response History.....	35
Delivery of Goods/Despatch Advice History .....	36
Delivery of Goods/Receiving Advice History .....	37
Add New Receiving Advice .....	38
Return Goods/Return Goods Despatch Advise .....	39
Return Goods/Return Goods Receiving Advise.....	40
Additional Activities/Item Data Notification History.....	41
Farmer Role .....	42
Product Administration/Products .....	43
Add New Product .....	44
Traceability/Harvest History.....	45
Add New Harvest.....	46
Traceability/Transport History .....	47
Add New Send Transport .....	48
Add New Send Transport/Delivery List .....	49

## Introduction

GS1 HUNGARY, ERBA 96 Computer Limited Liability Company and Blockchain Competence Center Limited Liability Company jointly applied for the European Union CEF (Connecting European Facility) Telecom “eDelivery” call for tenders (CEF-TC-2018-2). The Consortium Members received a grant for an “action” entitled “Increasing the interoperability, transparency and security of the supply chain based on global standards” and signed a Grant Agreement with the Executive Agency for Innovation and Networks (INEA). Within the framework of the concluded Grant Agreement, a service system supporting the e-commerce activities based on the use of the new generation GS1 Global Standards called IDDA (Integrated Delivery by Digital Assistance) was developed by the Consortium Members.

The IDDA service is an innovative solution for leveraging the Union's G2C and G2B (government to citizens and business partners) electronic communications platform - eDelivery - in B2B business. The IDDA / eDelivery service is able to connect the solutions of various software vendors (ERP systems) with each other or with the use of workspaces provided within the framework of the IDDA service with small and micro enterprises without enterprise IT systems; in the food supply chain typically with farmers, producers.

## Technical differentiation between IDDA and eDelivery

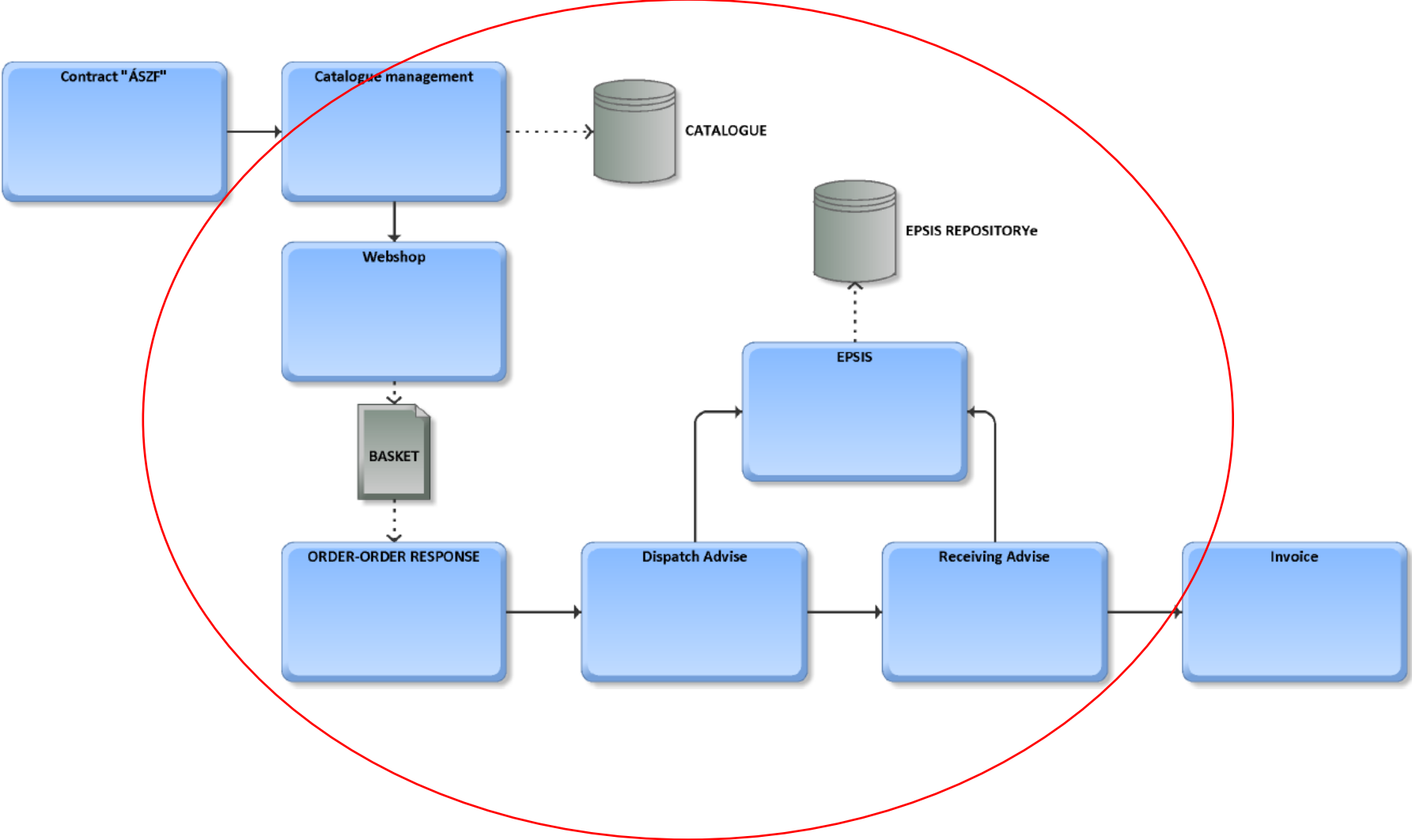
In a typical ERP-ERP connection, the content of a business transactions and so the messages are created in the enterprise IT system and are “wrapped” in the IDDA / eDelivery “envelope” as a standard GS1 XML message, as a “payload” of the UBL AS4 standard eDelivery XML message. The recipient registered to one of the Access Points of the IDDA / eDelivery system (system connection point) receives a GS1 standard message already extracted from the eDelivery message received by the Access Point from the sender (eg seller-buyer).

In a typical business model of food supply chains, a supplier integration takes place, where one partner has significant IT resources, while its partners are typically micro and small enterprises that do not have significant IT infrastructure. The IDDA solution includes a workspace for these SMEs where they can perform manual data management operations to generate GS1 XML messages that can be forwarded to their IDDA / eDelivery partners through access points connected to the workspace.

Business messages that can be communicated through workspaces include key elements of a basic delivery process, including electronic commerce messages (GS1 EDI XML) and trace event data capture (GS1 EPCIS XML) as well as blockchain accounting for the delivery of authentic messages.

# Process overview

The simplified business process diagram of the present – intermediate development status – of IDDA GS1 Supply Service Module



## Business Profiles in the System

Business process profiles supported by the IDDA system along the business process they serve:

- ITEM DATA NOTIFICATION (GS1 EDI v3.4). Product data - catalogue - communication. Typically a supplier-buyer relationship.
- HARVEST (GS1 EPCIS v1.2). Collected / harvested product vs stock. Typically carrier / farmer back office. Data entry can also be implemented via a mobile interface. Quantity / stock can be registered for catalogue items added by the supplier. Typically vendor-vendor back office relationship.
- ORDER (GS1 EDI v3.4). Order. An order placed by the supplier for catalogue items / products delivered to the customer. Typically a customer-supplier relationship.
- ORDER RESPONSE (GS1 EDI v3.4). Order confirmation. Confirmation or rejection of the order sent by the buyer to the supplier. Modifications other than acceptance and rejection can be made after the “offline” consultation following the rejection, by sending and accepting another order. Typically a supplier-buyer relationship.
- TRANSPORT (GS1 EPCIS v1.2). Shipping events. Forwarding dispatch event and location, receiving / receiving event and location information.
- DESPATCH ADVICE (GS1 EDI v3.4). Delivery forecast. Forecasting the delivery of ordered and confirmed products in one or more lots - “lots”. Typically a supplier-buyer relationship.
- RECEIVING ADVICE (GS1 EDI v3.4). Receipt of delivered items. Full or partial acceptance or acceptance of the items indicated in the “despatch advice” message. Typically a buyer supplier relationship.
- REVERSE LOGISTICS (GS1 EDI v3.4). Items not received by the customer, i.e., the difference between despatch advice and receiving advice, is returned by the customer-initiated despatch advice message and then accepted by the vendor in a receiving advice message. Typically a buyer - supplier relationship.
- INVOICE (GS1 EDI v3.4 derivative). An invoice issued for the value of items accepted in a receiving advice message. The invoice message does not contain financial, billing operations. The invoice data as a structured (XML or any standard file format) or attached document can be attached as a payload or multipayload of the message on the sender side and then processed on the receiver side after unpacking from eDelivery and GS1 XML messages.

## Blockchain authentication

The GS1 EDI XML content communicated in the eDelivery messages between the two workspaces connected to the access point is automatically sent by the sending page to the blockchain module for posting. The blockchain service returns to the sender the hash code (reprint) of the original message and the blockchain service module repository address to access it. The eDelivery multi-payload message sent by the sender will include the original GS1 EDI XML message, and the blockchain storage address (hash code together with the blockchain network base url used for authentication data storage). Data entry to

the blockchain storage is confirmed by a change in the colour of the eye icon next to the message line in the user interface in applications running in workspaces.

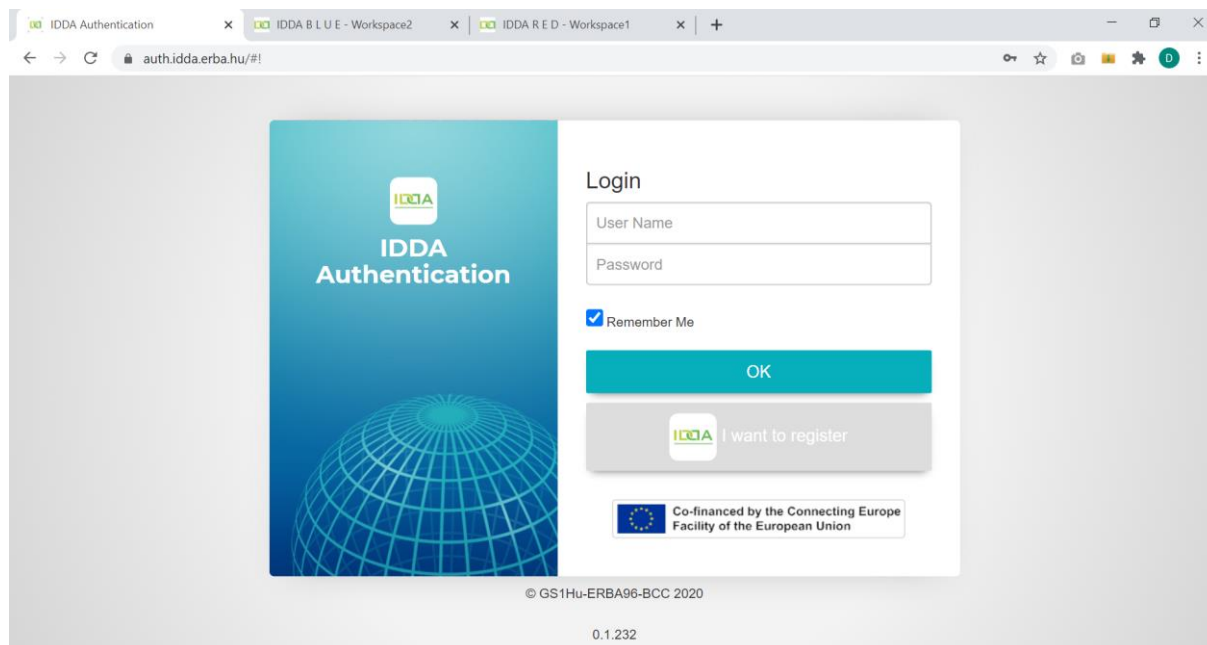
Using the decompressed GS1 EDI XML message, and blockchain storage address data received in the workspace connected to the receiving access point, the receiving side initiates blockchain authentication of the received data. It generates the hash code of the received GS1 EDI XML message and sends it to the blockchain service module, indicating also the address where the hash code sent by the sender is stored. If the two codes match, blockchain authentication occurs and in applications running in workspaces.

To learn about the IDDA workspace application, it is a good idea to log in with a vendor-customer (seller-buyer) pair and analyze and view the business process from order to invoicing taking a quick tour into traceability of harvest and transports.



## Signing in

### Screenshots



### Description

Type the following in your browser's address bar

The main login page is found at

<https://auth.idda.erba.hu/>

A secondary IDDA workspace is also available:

<https://auth2.idda.erba.hu/>

Enter your name and password provided by IDDA Administrators during the registration process. Your login will only work in the workspace you are connected by the administrators.

By ticking the Remember me box the system will remember your credentials for fast access at the next login.

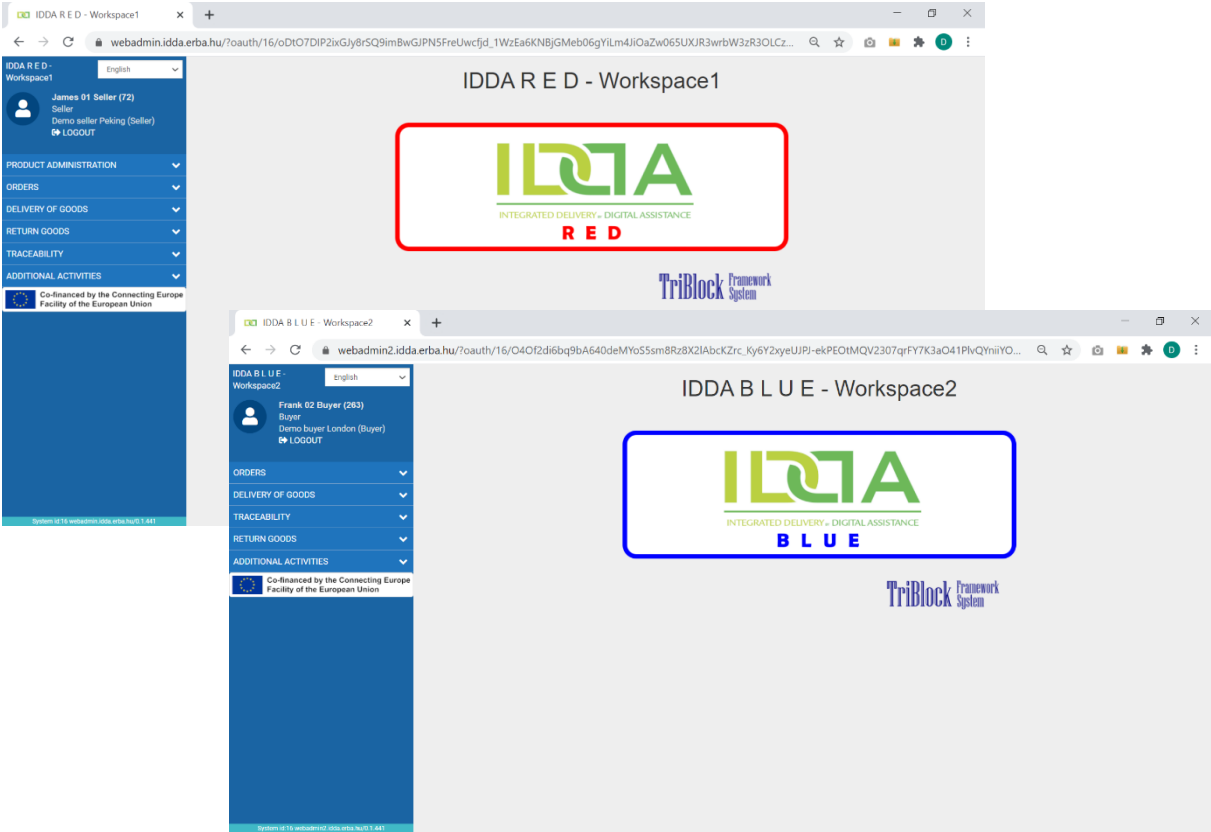
Press **OK** button, the simple enter doesn't work.

**Note:** If you are new to the url, you can start registering process if you press the 'I want to register' button.

**Browsers:** the system runs in Google Chrome, Microsoft Edge and Mozilla Firefox, Apple Safari but not Microsoft Internet Explorer. Supported mobile browsers: Google Chrome

# Dashboards

## Screenshots



## Description

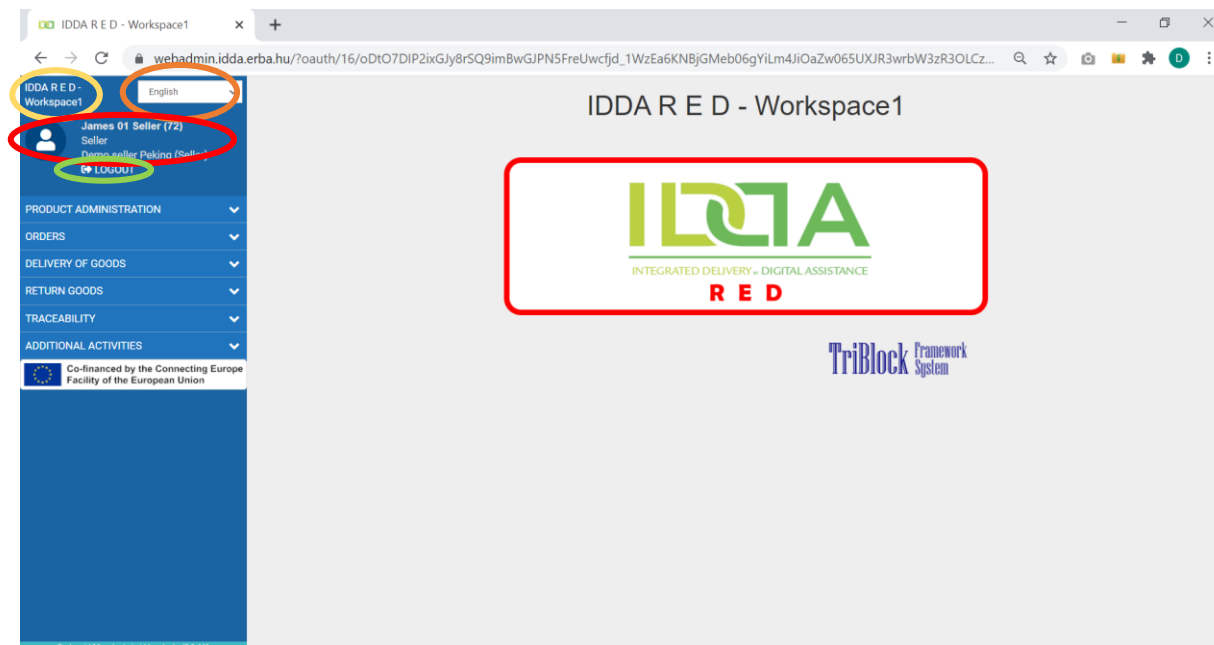
Once you entered the first screen the DASHBOARD of the IDDA System will appear.

Left side of the screen you find the main menu, based on the role you were registered to:

- Orders
- Advices
- Traceability
- Additional Activities
- And with seller and farm rights the Product Administration

## Your Credentials and Logging out

### Screenshots



### Description

The system and workspace you are logged in is showed in the upper left corner.

For changing languages click on the field English, and choose language.

Note: Currently only English language is fully supported

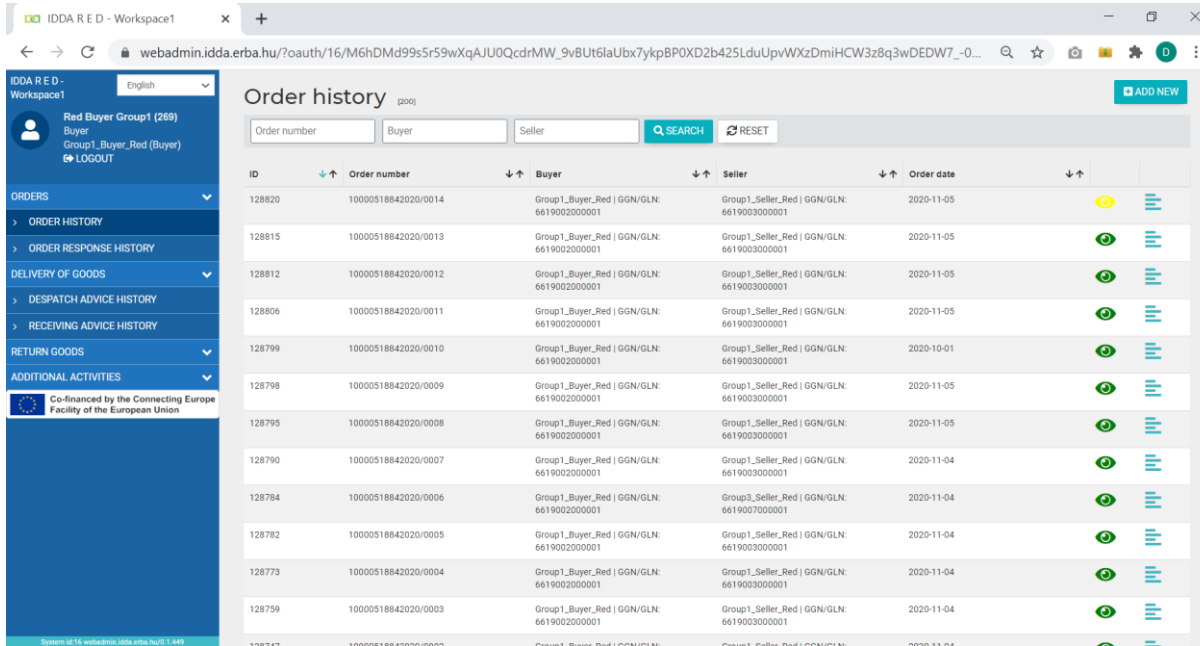
Your credentials are also listed in the control box in the upper left corner.

- Your name: the name of the contact person assigned to your user
- The role or user group your user is in
- The company or premises your user is assigned to


You can logout of the system at any time, all unsaved data will be lost after logout.





# Blockchain authentication status (The Colour of the Eye icon)

## Screenshots



## Description

In the list view there are eye icons  to show you the authentication status of each transaction.

	Green Icon means your data is authenticated successfully by the blockchain network.
	Yellow Icon tells you that your data is in the process of validation by the blockchain network.
	Red Icon warns you that the authentication failed the stored data do not match.
	Blue Icon shows your data is not part of the authentication process

## Transaction Details (Clicking on the Eye icon)

### Screenshots

Order [12345]

ID 123451

Order number 1000051832202/0002

Buyer Demo buyer Budapest | GGN/GLN: 377777123456

Seller Demo seller Peking | GGN/GLN: 7640117090001


Contract

Order date 07/07/2020

Note

Order line	Product	Order quantity	UOM	Unit price	Amount	Currency
1	Cherry   GN/GTIN: 4050373299996	5.000	TNE	1.120	5.600	EUR
2	Tomato   GN/GTIN: 599309111113	10.000	TNE	0.990	9.900	EUR

### Description

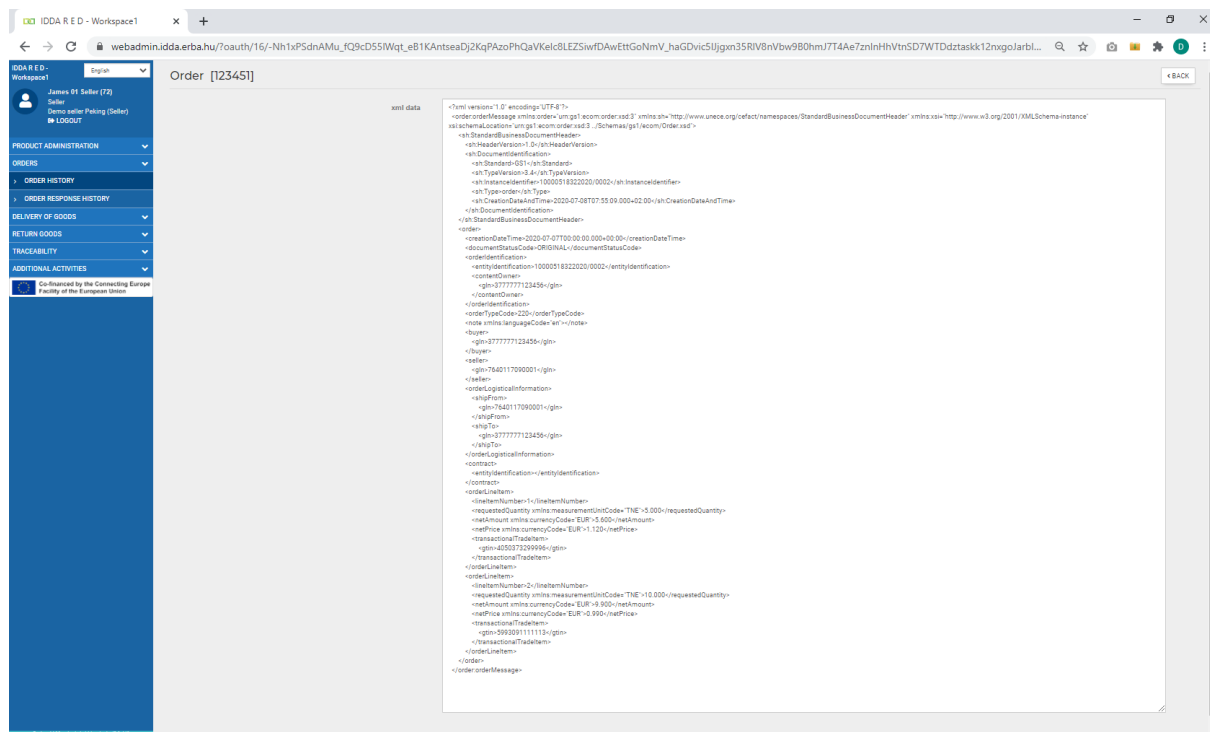
If you press the eye icon  in any of transaction lists the transaction details will be showed,

The data recorder in the transaction can be reviewed on these read only forms but cannot be modified.


You can go back to the list by pressing the Back button.

## Transaction Raw GS1 XML (Clicking on Text icon)

### Screenshots



### Description

When you click the text icon  in any list the GS1 EDI Profiles XML or GS1 EPCIS XML sent as an eDelivery payload can be reviewed in the message box.

The message box can be resized.

The text can be copied partially or in full but cannot be edited.

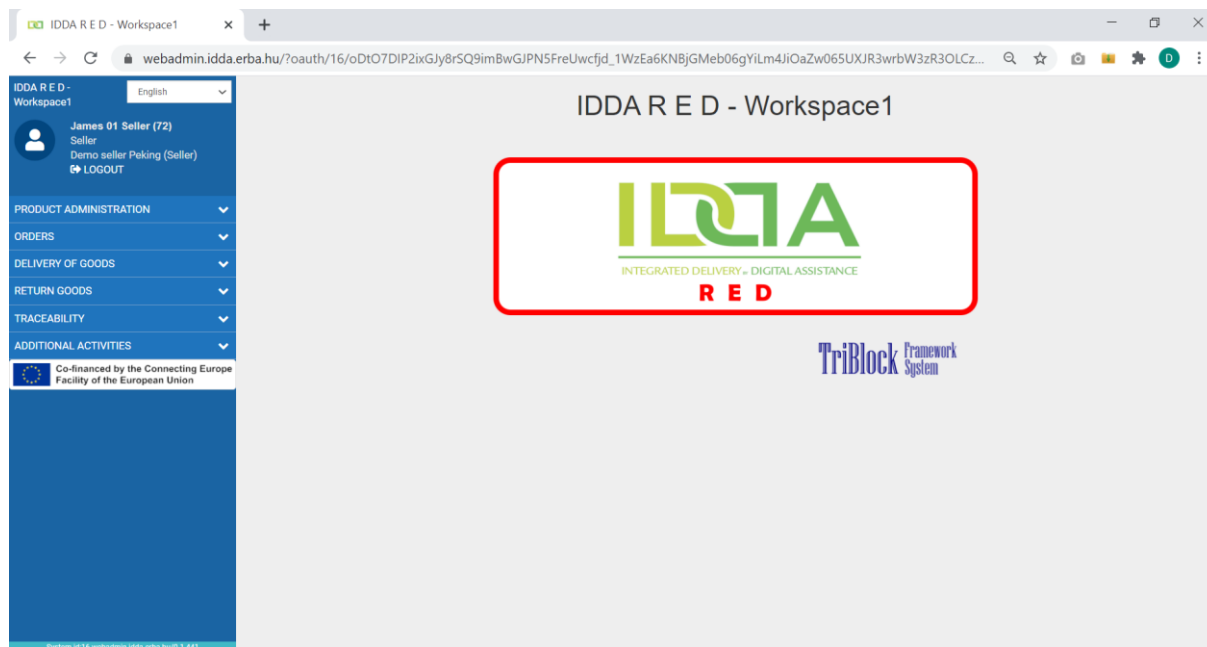
You can go back to the list by pressing the Back button.

## **Seller Role**

The seller or supplier sells goods or services. These products are listed in the system and can be ordered by the buyer.

## Main menu

### Screenshots



### Description

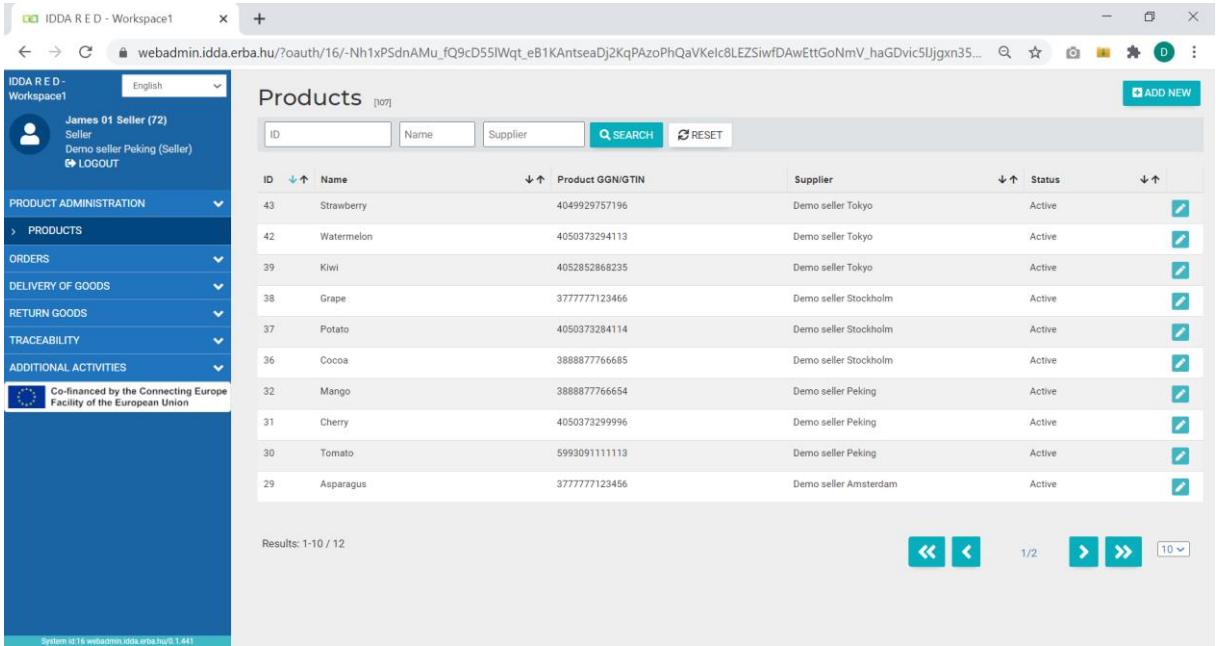
A seller has the following options in the main menu:

- **Product Administration** to upload or modify a product in its portfolio. This menu is not visible for the Buyer role.
- **Orders** to check and confirm product orders.
- **Delivery** of goods to overview the dispatching process.
- **Traceability** to check for additional supply chain information like harvest and product transportation
- **Additional activates** for item notification.



# Product Administration/Products

## Screenshots



## Description

Products under Products Administration is for sellers to add or modify their products.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

Only products with active status can be part of a transaction.

The small pencil icon allows you to edit the current dataset for that product.

## Add New Product

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/?oauth/16/-Nh1xP5dnAMu_fQ9cD55IWqt_eB1KAntseaDj2KqPAzoPhQaVKelc8LEZSivfDAwEttGoNmV_haGDvic5Jjgxn35...`. The page title is "Product [New record]". The form contains the following fields:

- Product name \*
- Product GGN/GTIN \*
- GGN/GTIN formatted (e.g. 4052852.086823) \*
- Supplier (Please select value)
- UOM (Please select value)
- Unit price
- Currency (Please select value)
- Status (Active)

At the bottom of the form, there are two buttons: "SAVE" and "CANCEL". A "BACK" button is also visible in the top right corner of the form area.

### Description

To define a new product for the seller, press the Add new button in the upper right corner of the Products list.

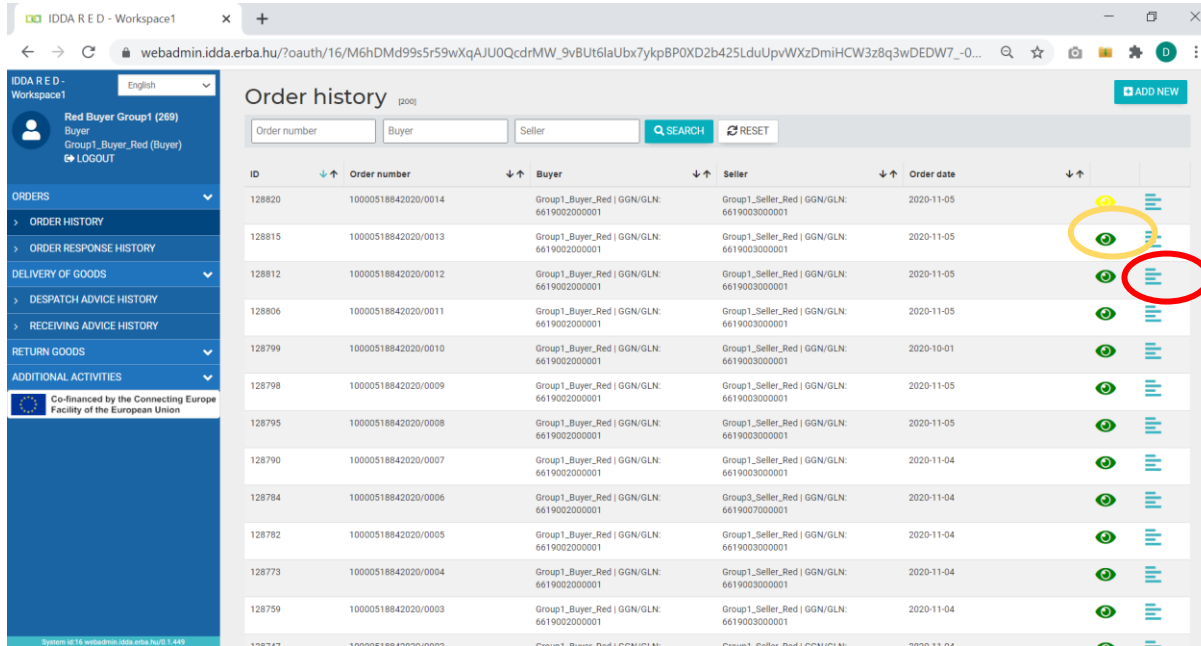
You need to define details in accordance to the “GS1 Item Data Notification” standard.

- Name
- Product GS1 GTIN, the unique identifier of the product in EAN13 encoding
- The formatted GTIN is the GTIN but removing the EAN13 error code digit and separating the 12 digits with dots on the GS1 company prefix and the product code.
- Supplier or Seller of the product
- UOM unit of measure for the product
- The unit price of 1 UOM of the product
- The currency of the unit price
- Status of the product
  - o Active: visible and usable in any combos
  - o Inactive: visible (greyed out) and usable in search but not usable in data input combos
  - o Deleted: not visible thus not usable in any combos

Press save to store your data and cancel or back to leave the page without saving.

# Orders/Order History

## Screenshots



## Description

This list shows the GS1 EDI Order profile messages the user has made.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

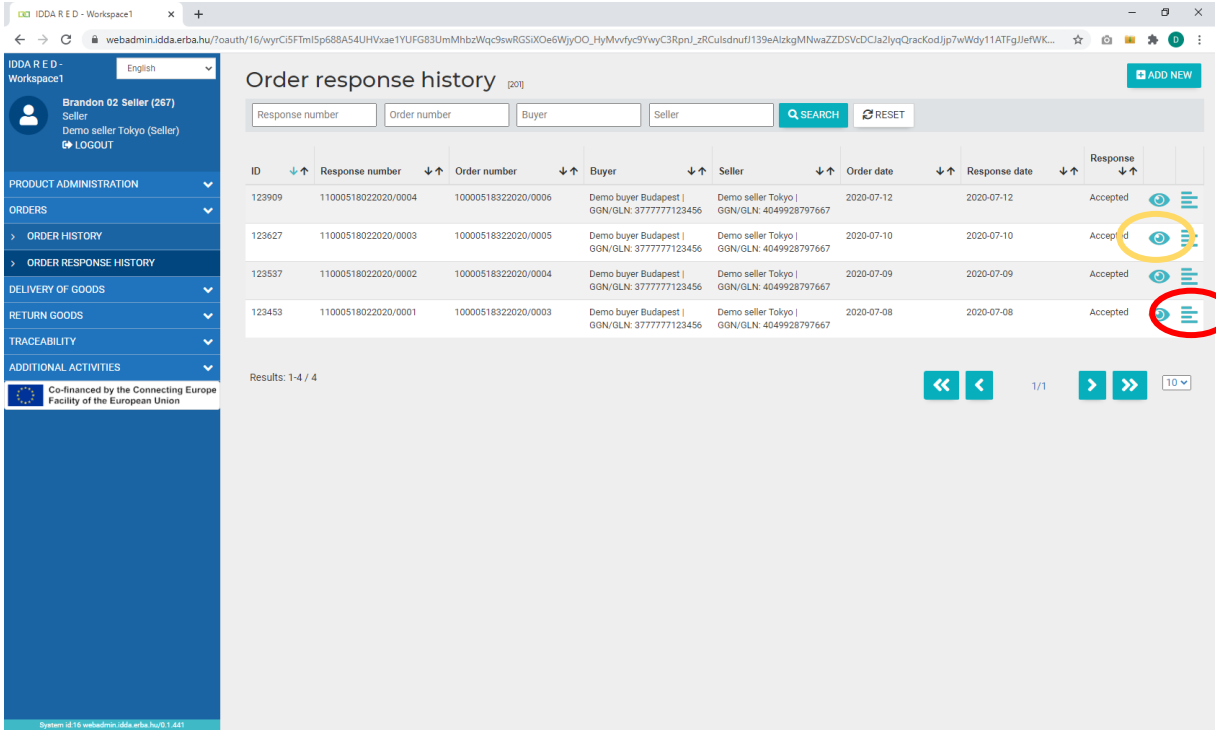
In order to see the detailed info about an order click on the eye icon.

In order to see the generated GS1 EDI ORDER Profile message XML, click the text icon.

Note: You can only list and see the details

# Orders/Order Response History

## Screenshots



## Description

This list shows the GS1 EDI Order Response profile messages the user has made. That records if the order was accepted.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI ORDER RESPONSE Profile message XML, click the text icon.

To add new transaction, click on the ADD NEW button.

## Add New Order Response

### Screenshots

Order response [New record]

Order \* Please select value

Buyer 10000518322020/0001 | 2020-07-07 | Demo buyer Budapest | GGN/GLN: 377777123456

Seller 10000518322020/0002 | 2020-07-07 | Demo buyer Budapest | GGN/GLN: 377777123456

Order date mm/dd/yyyy

Response date \* mm/dd/yyyy

Response Please select value

Note

Order line	Product	Order quantity	UOM	Unit price	Amount	Currency
------------	---------	----------------	-----	------------	--------	----------

SAVE CANCEL

Order response [New record]

Order \* Please select value

Buyer

Seller

Order date mm/dd/yyyy

Response date \* mm/dd/yyyy

Response Please select value

Note Accepted

Order line	Product	Order quantity	UOM	Unit price	Amount	Currency
------------	---------	----------------	-----	------------	--------	----------

SAVE CANCEL

### Description

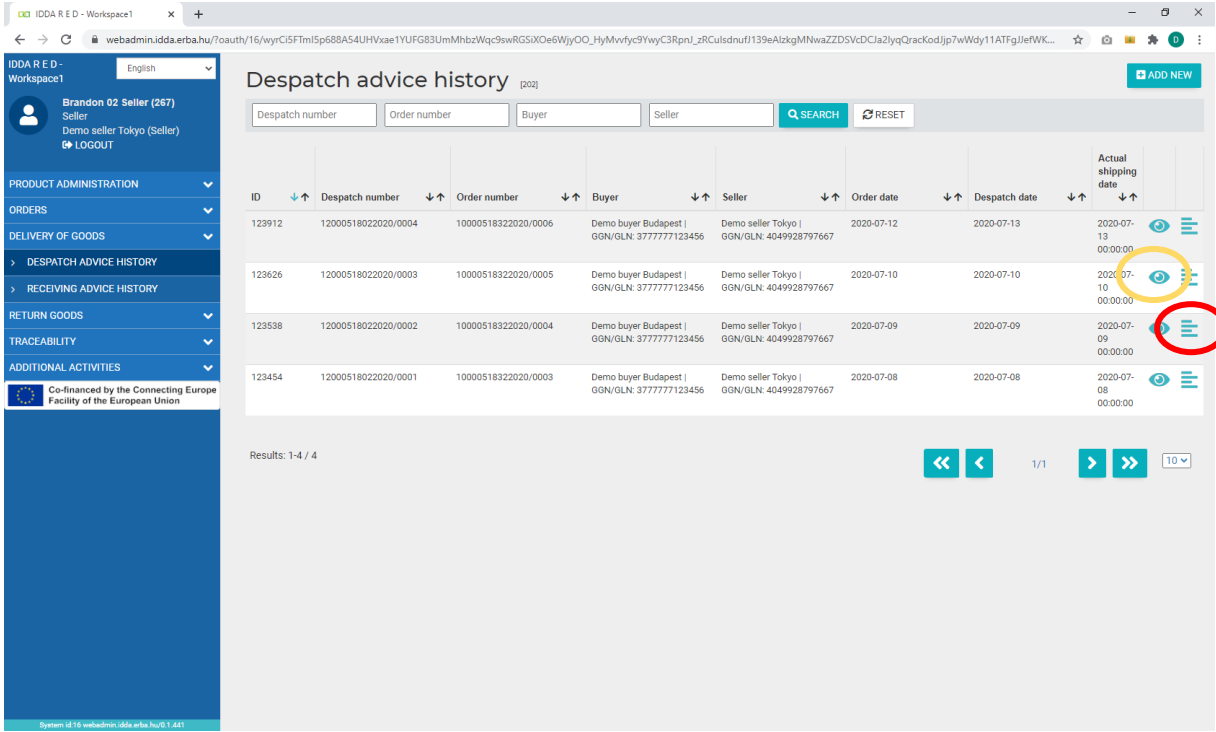
In this from you can accept or reject an order with a GS1 EDI ORDER RESPONSE Profile message.

1. Please select a live order from the first combo.
2. The details (Buyer, Seller, Date, and items) of the order will be displayed automatically.
3. Select the day of the response.
4. The response accepted/rejected from the combo
5. A note if you want to explain the situation.

Press SAVE to finalize your response.

# Delivery of Goods/Despatch Advice History

## Screenshots



## Description

This list shows the GS1 EDI Dispatch Advice profile messages the user has made. That records the deliveries sent in accordance with the orders.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI DISPATCH ADVICE Profile message XML, click the text icon.

To add new transaction, click on the ADD NEW button.

## Add New Despatch Advice

### Screenshots

Despatch advice [New record]

Order \* 10000518322020/0005 | 2020-07-10 | Demo buyer Budapest | GGN/GLN: 377777123456

Buyer

Seller

Order date mm/dd/yyyy

Despatch date \* mm/dd/yyyy

Actual shipping date \* mm/dd/yyyy ---

Note

Order line	Product	Order quantity	Despatch quantity	UOM

SAVE CANCEL

Despatch advice [New record]

Order \* 10000518842020/0014 | 2020-11-05 | Group1\_Buyer\_Red | GGN/GLN: 661900200001

Buyer Group1\_Buyer\_Red | GGN/GLN: 6619002000001

Seller Group1\_Seller\_Red | GGN/GLN: 6619003000001

Order date 11/05/2020

Despatch date \* mm/dd/yyyy

Actual shipping date \* mm/dd/yyyy ---

Note

Order line	Product	Transport ID	Order quantity	Despatch quantity	UOM
1	medveculor   GIN/GTIN: 654654654	Please select value	20,000	20,000	EA
2	IDDARED alma   GIN/GTIN: 59568451684354	Please select value	20,000	20,000	KGM

SAVE CANCEL

### Description

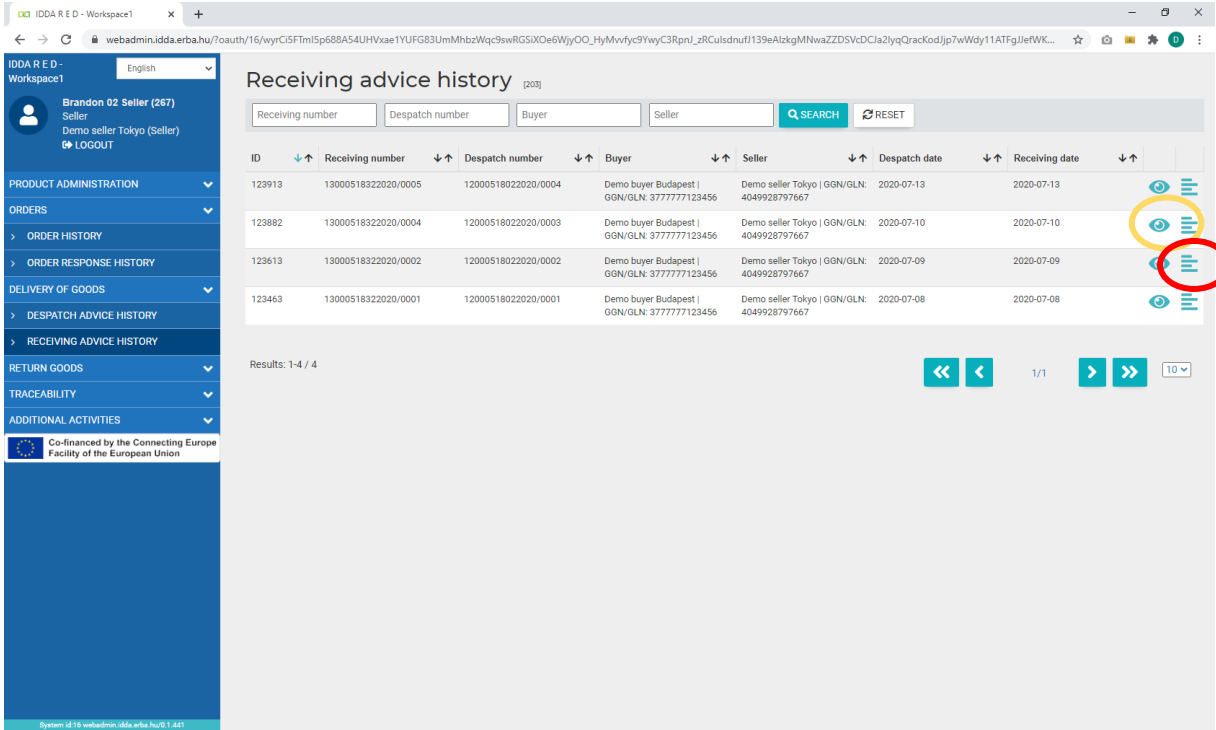
In this from you can initiate a delivery in line with an accepted order with a GS1 EDI DISPATCH ADVISE Profile message.

1. To record the Delivery you want to send. Please first select one from the live orders.
2. The details (Buyer, Seller, Date, and items) of the order will be displayed automatically.
3. Select the planned delivery date.
4. Record the actual date and time the shipment left your premises.
5. A free text note you want to send.
6. In the bottom half you can record for each item in the order what is the actual number of the product – in the UOM you have defined in the order - you want to expediate. If there is a traceability information is available for that product, here is where you can connect it via selecting the transport ID.

Note: the system allows you to adjust the actual product volume under and above the ordered volume.

# Delivery of Goods/Receiving Advice History

## Screenshots



## Description

This list shows the GS1 EDI Receiving Advice profile messages the user has made. That records the accepted deliveries in accordance with the signed orders.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

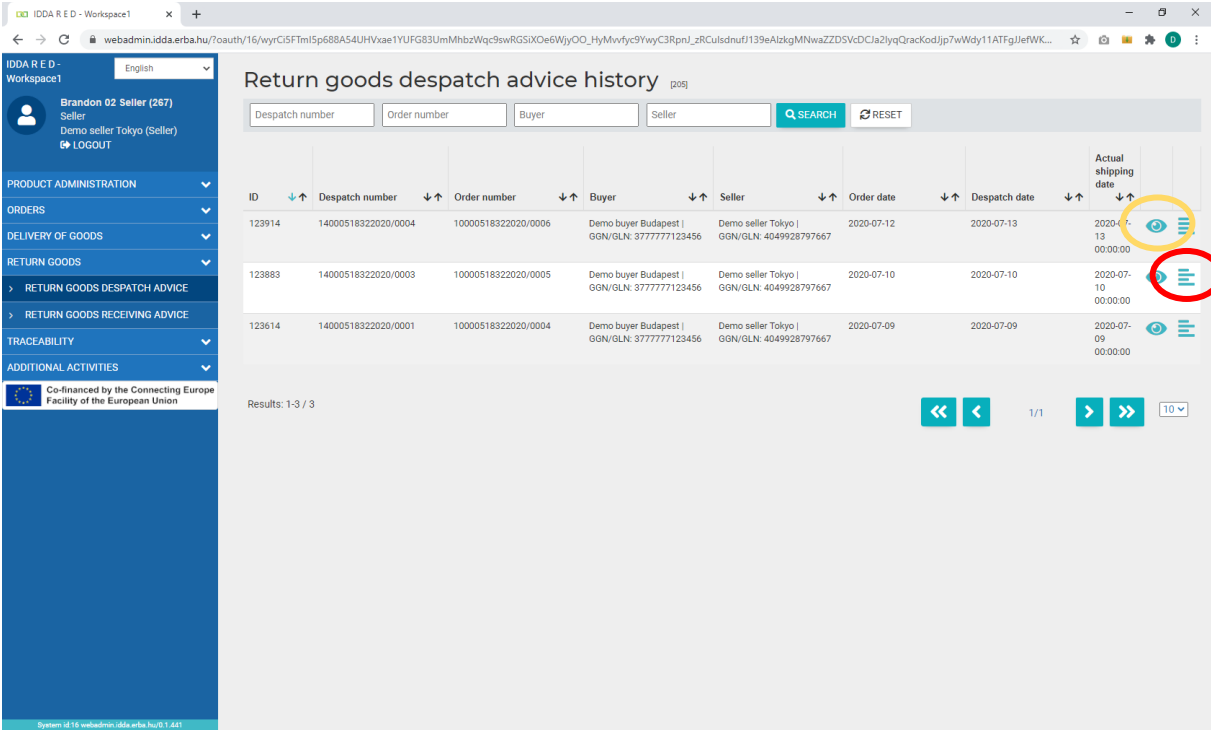
In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI RECEIVING ADVICE Profile message XML, click the text icon.



# Return Goods/Return Goods Despatch Advise

## Screenshots



## Description

This list shows the GS1 EDI Despatch Advice profile messages that are generated automatically by the system for reverse logistics process when some or all of a product is not accepted by the buyer.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

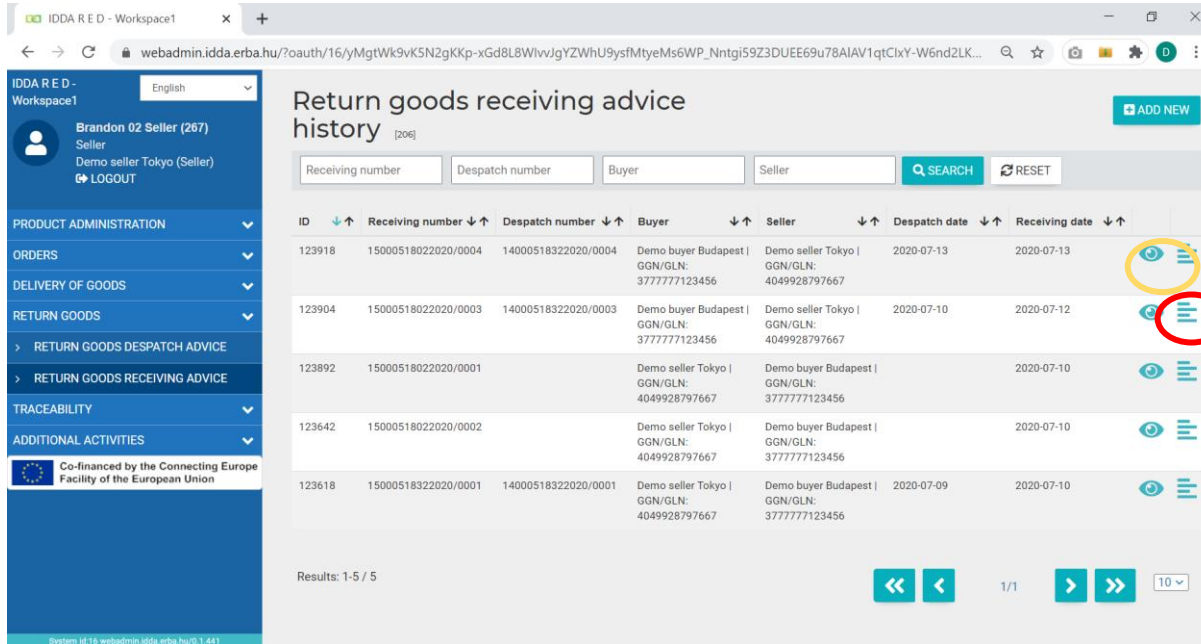
You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI DESPATCH ADVICE Profile message XML, click the text icon.

# Return Goods/Return Goods Receiving Advice

## Screenshots



## Description

This list shows the GS1 EDI Receiving Advice profile messages that are stored in the system when the seller accepts back the products in reverse logistics process.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI RECEIVING ADVICE Profile message XML, click the text icon.

To add new transaction, click on the ADD NEW button.

## Add New Return Goods Receiving Advice

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/7oauth/16/7uFubkUYwv7yahaS3OIFJ9AF3Y4YH1d4TdxnHy0CWz_OOF6QDYRYDzeB6xTLAAKdoWZhxZg6r5SOX_5b9nZzspU7szXZGoMKtcKhhKrUufykWBTMdySpTi0dNAFmEPIV2oYspHHGK...`. The page title is "Return goods receiving advice [New record]".

The form contains the following fields:

- Despatch advice \* (Dropdown menu: Please select value)
- Buyer (Text field)
- Seller (Text field)
- Despatch date (Text field: mm/dd/yyyy)
- Actual shipping date (Text field: mm/dd/yyyy)
- Receiving date \* (Text field: mm/dd/yyyy)
- Actual receiving date \* (Text field: mm/dd/yyyy -- --)
- Note (Text area)

At the bottom of the form, there is a table with the following columns: Despatch line, Product, Despatch quantity, Returned quantity \*, Accepted quantity \*, and UOM.

Below the table are two buttons: **SAVE** and **CANCEL**.

The left sidebar shows the user "Brandon 02 Seller (267)" and a navigation menu with categories: PRODUCT ADMINISTRATION, ORDERS, DELIVERY OF GOODS, RETURN GOODS (with sub-items: RETURN GOODS DESPATCH ADVICE, RETURN GOODS RECEIVING ADVICE), TRACEABILITY, and ADDITIONAL ACTIVITIES. A footer note mentions "Co-financed by the Connecting Europe Facility of the European Union".

### Description

The return goods receiving advice form works like the standard receiving advice but it is aimed on the products in the reverse logistics step while items are restricted to those ones listed in the Receiving Advice transactions.

# Traceability/Transport History

## Screenshots

**Farm transport history** [00]

Product name:  From: mm/dd/yyyy To: mm/dd/yyyy

ID	Supplier	Country	Premises GGN/IGLN	Destination	Sending date	Product name	Delivery note	Sent quantity	UOM
16956	Group1_Seller_Red	Hungary	6619003000001	Group1_Seller_Red	2020-11-05	IDDARED alma159568.451684354	123	30	kg
16955	Farmer1_Red	Belgium	7317010000000	Group1_Seller_Red	2020-11-05	Tomato14049929.075719	123	121	kg
16953	Farmer1_Red	Belgium	7317010000000	Group1_Seller_Red	2020-11-01	Tészta145677.000001	D34	120	kg
16952	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-05	IDDARED alma159568.451684354	12000518892020/0001	5	kg
16951	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-04	Tészta145677.000001	12000518852020/0004	500	kg
16949	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-10-04	IDDARED alma159568.451684354	12000518852020/0004	10	kg
16947	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-04	IDDARED alma159568.451684354	12000518852020/0003	5	kg
16945	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-04	IDDARED alma159568.451684354	12000518852020/0002	10	kg
16943	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-04	IDDARED alma159568.451684354	12000518852020/0002	2	kg
16942	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-10	IDDARED alma159568.451684354	12000518852020/0001	8	kg
16941	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-10	IDDARED alma159568.451684354	12000518852020/0001	7	kg
16937	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-04	medvecukor15465.4654	12000518852020/0002	100	kg
16936	Group1_Seller_Red	Hungary	6619003000001	Group1_Buyer_Red	2020-11-05	medvecukor15465.4654	12000518852020/0002	100	kg

## Description

Under this menu point, you can see the details of all the transports, shared with you by the farmer profiles.

The transport history is based on GS1 EPCIS standards.

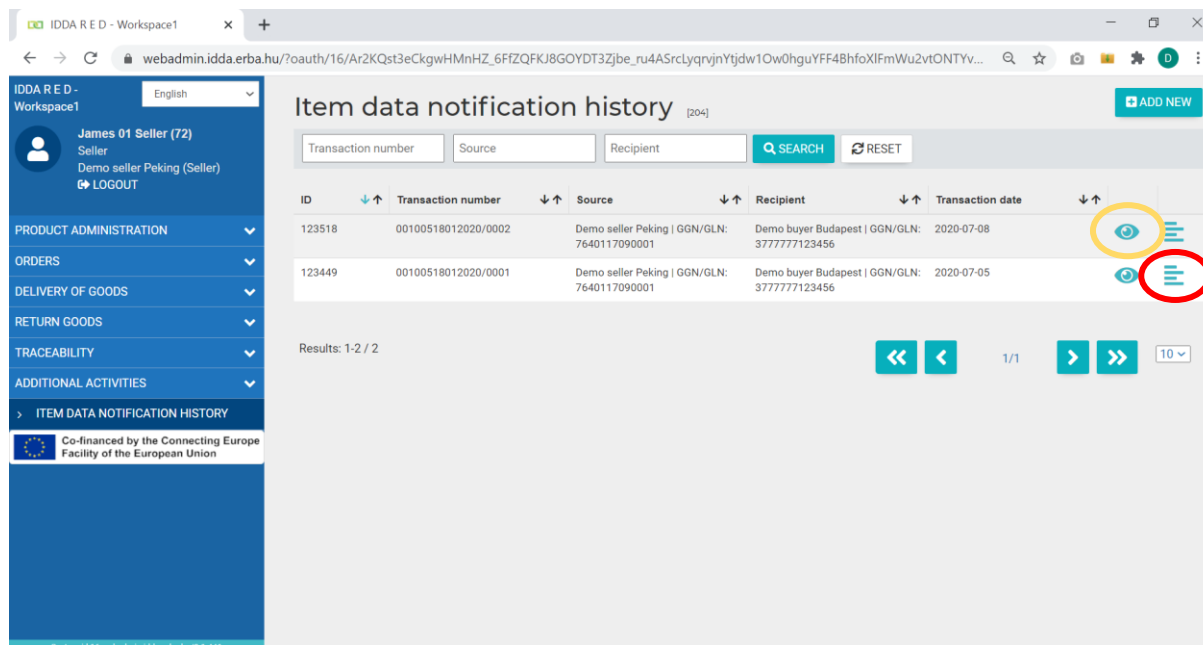
All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about the transport click on the eye icon.

## Additional Activities/Item Data Notification History

### Screenshots



### Description

This list shows the GS1 EDI ITEM DATA NOTIFICATION profile messages to transmit item data changes between workspaces.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI ITEM DATA NOTIFICATION Profile message XML, click the text icon.

## Add New Item Data Notification

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/?oauth/16/Ar2KQst3eCkgwHMnHZ_6FZQFKJ8GOYDT3Zjbe_ru4ASrclYqrjvYtjdw1Ow0hguYFF4BhfoXIFmWu2vtONTYv...`. The page title is "Item data notification [New record]". The form contains the following fields:

- Source: Demo seller Peking
- Recipient: Demo buyer London
- Transaction date: 08/05/2020

Product *	UOM *	Unit price *	Currency *	
Please select value	Please select		Please select	+
Tomato   Product GGN/GTIN: 5993091111113	KGM	230	EUR	-

At the bottom of the form, there are two buttons: "SAVE" and "CANCEL".

### Description

This list shows the GS1 EDI ITEM DATA NOTIFICATION profile messages to transmit item data changes between workspaces.

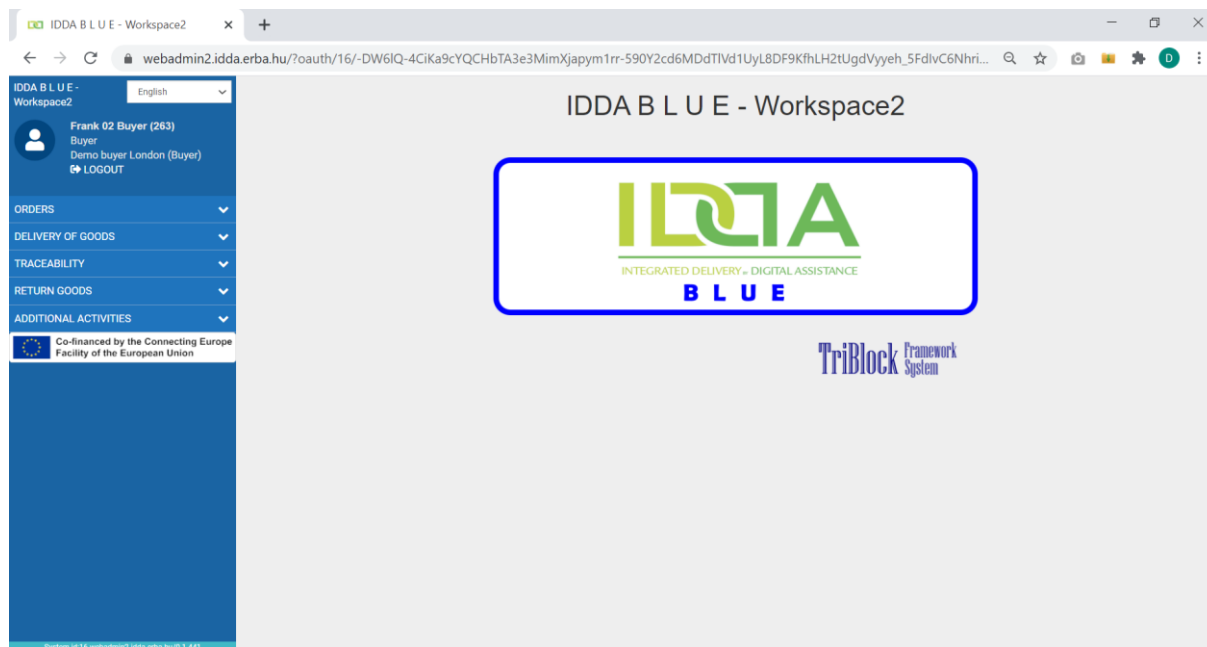
1. Select source premises
2. Select destination premises or company you want the data to be transmitted to.
3. Select transaction date.
4. Add items to product list with the green plus sign.
  - a. Select one of your products
  - b. Enter new UOM
  - c. Enter new unit price
  - d. Enter new base currency
5. You can send information about more of your products
6. Press Save to create EDI message and transmit it.

## Buyer Role

The buyer orders and buys goods or services. The products are listed in the system or workspace and can be ordered from the seller.

## Main menu

### Screenshots



### Description

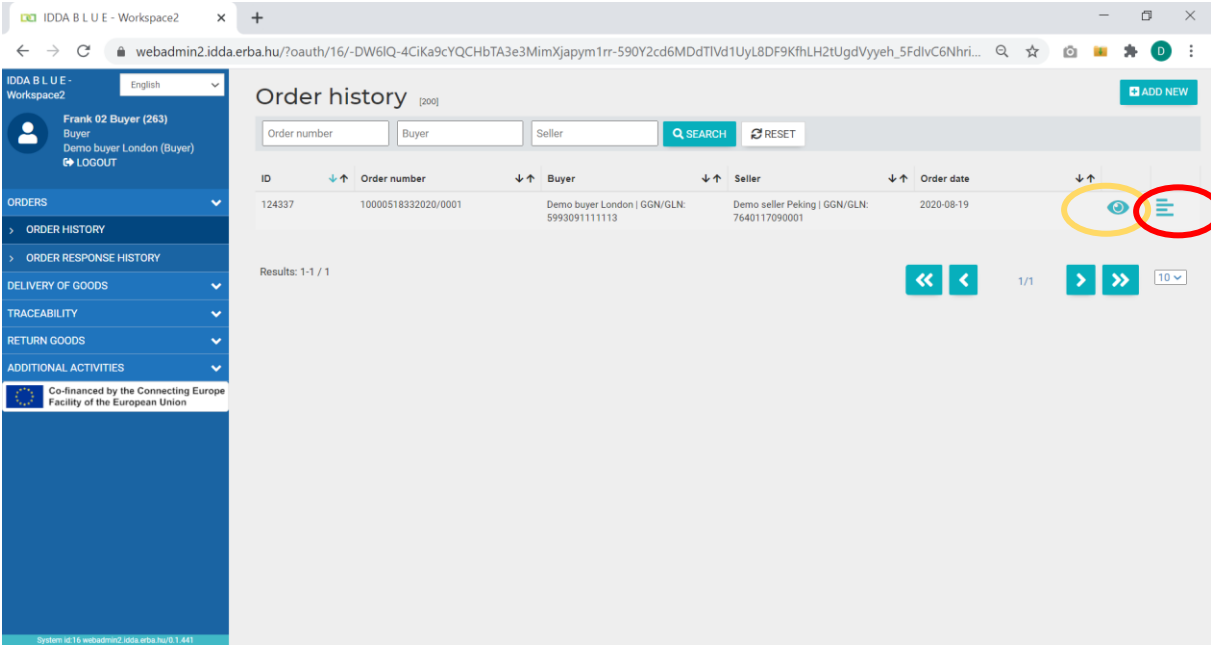
A seller has the following options in the main menu:

- **Orders** to check and confirm product orders.
- **Delivery** of goods to overview the dispatching process.
- **Traceability** to check for additional supply chain information
- **Additional activates** for item notification.



# Orders/Order History

## Screenshots



## Description

This list shows the GS1 EDI Order profile messages the user has made.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see the detailed info about an order click on the eye icon.

In order to see the generated GS1 EDI ORDER Profile message XML, click the text icon.

Note: You can only list and see the details

To add new transaction, click on the ADD NEW button.

## Add New Order

### Screenshots

The screenshot shows a web browser window with the URL `webadmin2.idda.erba.hu/?oauth/16/-DW6lQ-4CikA9cYQCHbTA3e3MimXjapym1rr-590Y2cd6MDdTVd1UyL8DF9KfhLH2tUgdVyyeh_5FdlvC6Nhri...`. The page title is "Order [New record]". The form contains the following fields:

- Buyer \* (Dropdown): Demo buyer London
- Seller \* (Dropdown): Demo seller Peking
- Contract (Text): adasd
- Order date \* (Calendar): 08/19/2020
- Note (Text): note

Below the form is a table for adding products:

Product *	Order quantity *	UOM *	Unit price *	Amount	Currency *
Tomato   Product GGN/GTIN: 5993091111113	20	KGM	20	400	CHF

At the bottom of the form are two buttons: "SAVE" and "CANCEL".

### Description

This screen is to create a new GS1 EDI Order Profile message.

First select the Buyer who will order from the combo. Then the Seller who will fulfil the order.

Then you can record a contract reference.

The ordering date and a free text note.

By clicking the green plus you can add products in the order list.

After clicking the green cross a new line appears in the products order list.

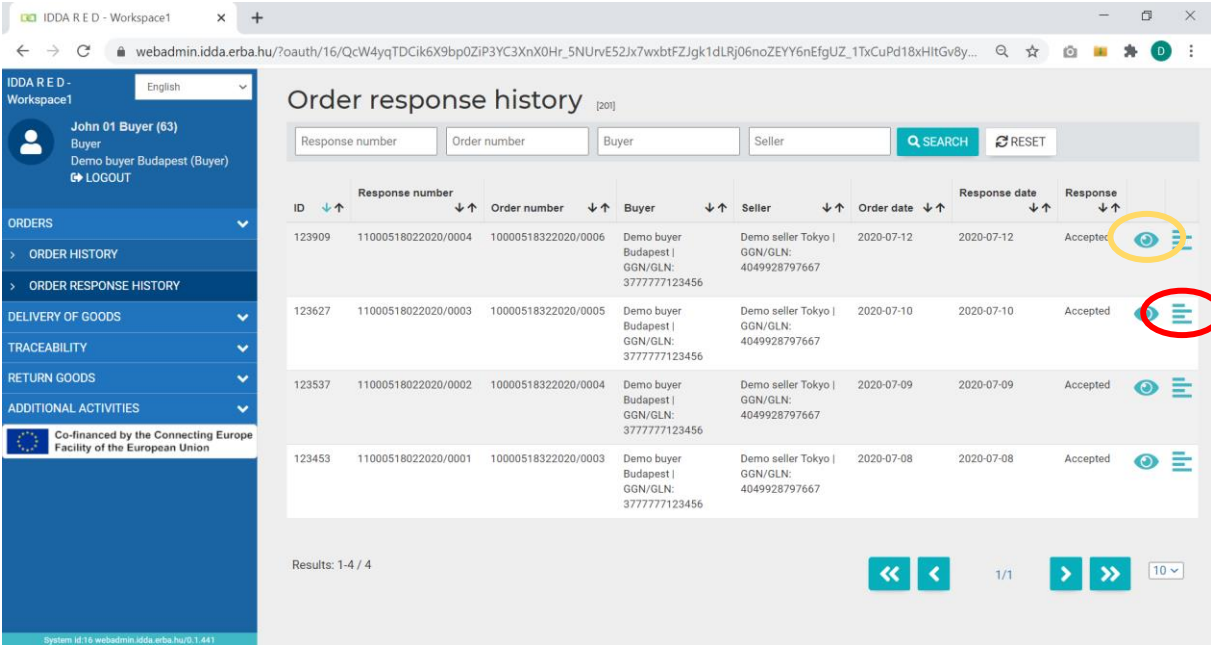
1. Select a product.
2. Enter the order quantity
3. Select a unit of measure.
4. Enter a unit price.
5. The Amount will be calculated automatically.
6. Set the currency.

You can add as many line as you want.

To finalize press SAVE

# Orders/Order Response History

## Screenshots



## Description

This list shows the GS1 EDI Order Response profile messages the user has made. That records if the order was accepted.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI ORDER RESPONSE Profile message XML, click the text icon.

## Delivery of Goods/Despatch Advice History

### Screenshots

Despatch advice history [202]

Despatch number Order number Buyer Seller SEARCH RESET

ID	Despatch number	Order number	Buyer	Seller	Order date	Despatch date	Actual shipping date
123912	12000518022020/0004	10000518322020/0006	Demo buyer Budapest   GGN/GLN: 377777123456	Demo seller Tokyo   GGN/GLN: 4049928797667	2020-07-12	2020-07-13	2020-07-13 00:00:00
123626	12000518022020/0003	10000518322020/0005	Demo buyer Budapest   GGN/GLN: 377777123456	Demo seller Tokyo   GGN/GLN: 4049928797667	2020-07-10	2020-07-10	2020-07-10 00:00:00
123538	12000518022020/0002	10000518322020/0004	Demo buyer Budapest   GGN/GLN: 377777123456	Demo seller Tokyo   GGN/GLN: 4049928797667	2020-07-09	2020-07-09	2020-07-09 00:00:00
123454	12000518022020/0001	10000518322020/0003	Demo buyer Budapest   GGN/GLN: 377777123456	Demo seller Tokyo   GGN/GLN: 4049928797667	2020-07-08	2020-07-08	2020-07-08 00:00:00

Results: 1-4 / 4

### Description

This list shows the GS1 EDI Dispatch Advice profile messages the user has made. That records the deliveries sent in accordance with the orders.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

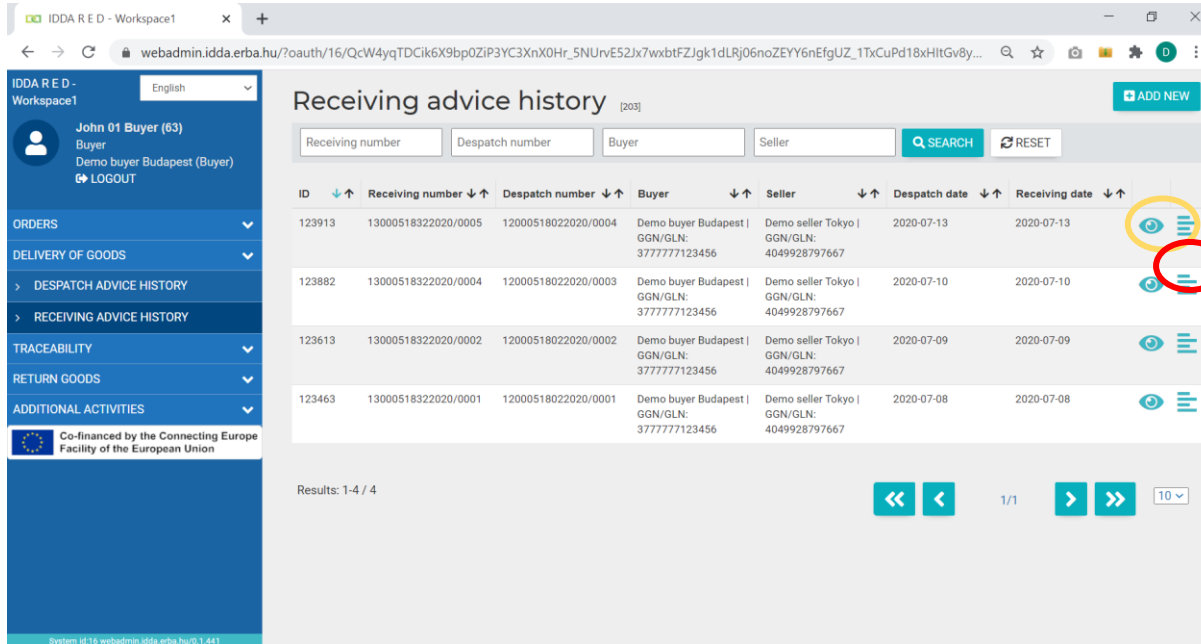
You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI DISPATCH ADVICE Profile message XML, click the text icon.

# Delivery of Goods/Receiving Advice History

## Screenshots



## Description

This list shows the GS1 EDI Receiving Advice profile messages the user has made. That records the accepted deliveries in accordance with the signed orders.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI RECEIVING ADVICE Profile message XML, click the text icon.

To add new transaction, click on the ADD NEW button.

## Add New Receiving Advice

### Screenshots

Receiving advice [New record]

Despatch advice \* Please select value

Buyer Please select value

Seller Please select value

Despatch date 12000518852020/0007 | 2020-10-04 | 10000518842020/0010 | Group1\_Seller\_Red | GGN/GLN: 6619003000001

Actual shipping date mmm/dd/yyyy -- --

Receiving date \* mmm/dd/yyyy

Actual receiving date \* mmm/dd/yyyy -- --

Note

Despatch line	Product	Despatch quantity	Receiving quantity *	Accepted quantity *	UOM
1	IDDARED alma   GN/GTIN: 59568451684354	1100.000	1100.000		KGM

SAVE CANCEL

### Description

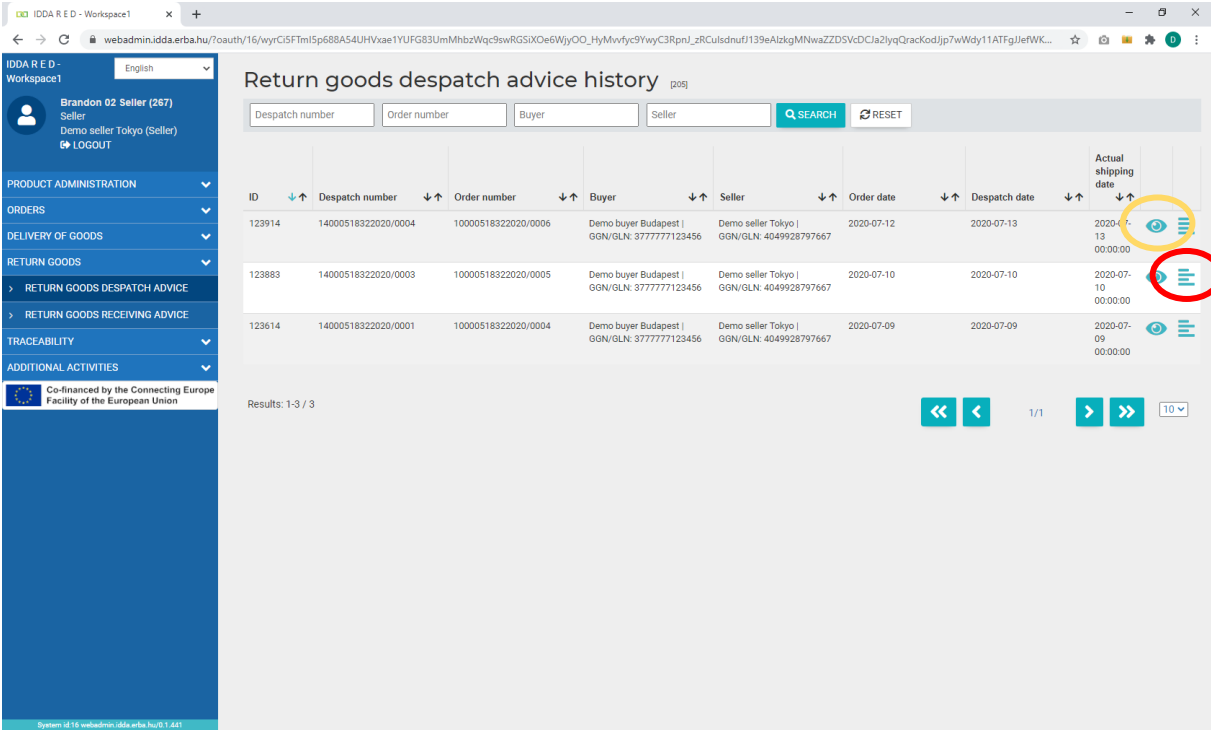
In this form you can accept a delivery in line with an order with a GS1 EDI RECEIVING ADVISE Profile message.

1. To record the Delivery you want to accept Please first select one from the live dispatches.
2. The details (Buyer, Seller, Date, and items) of the order will be displayed automatically.
3. Select the received delivery date.
4. Record the actual date and time the shipment arrived at your premises.
5. A free text note you want to send.
6. In the bottom half you can record for each item in the delivery – in the UOM you have defined in the order – the volume that arrived to your premises and the volume you are willing to accept as fulfilment of your order.

Example: You have ordered 100 tons of lemons in your lime soda factory. The train arrives with a dispatch advise of 50 tons. At the gates you measure the net weight of the delivery as 51 tons but there are a lot of green and rotten in the delivery so you are only willing to pay 48 tons.

# Return Goods/Return Goods Despatch Advise

## Screenshots



## Description

This list shows the GS1 EDI Despatch Advice profile messages that are generated automatically by the system for reverse logistics process when some or all of a product is not accepted by the buyer.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

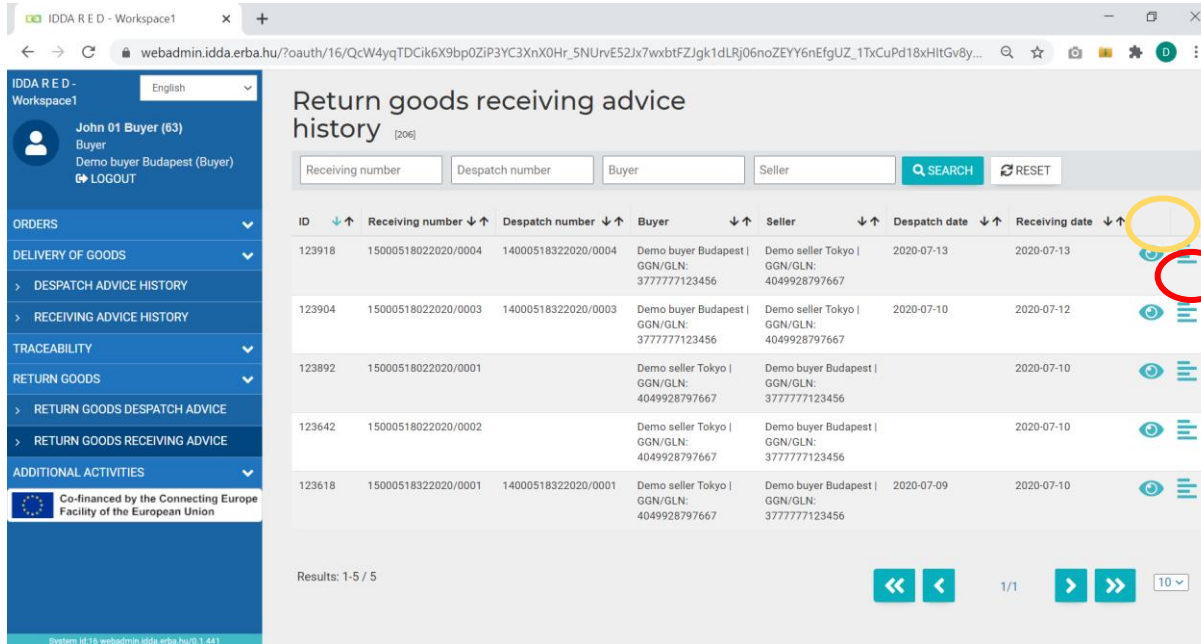
You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI DESPATCH ADVICE Profile message XML, click the text icon.

# Return Goods/Return Goods Receiving Advice

## Screenshots



## Description

This list shows the GS1 EDI Receiving Advice profile messages that are stored in the system when the seller accepts back the products in reverse logistics process.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

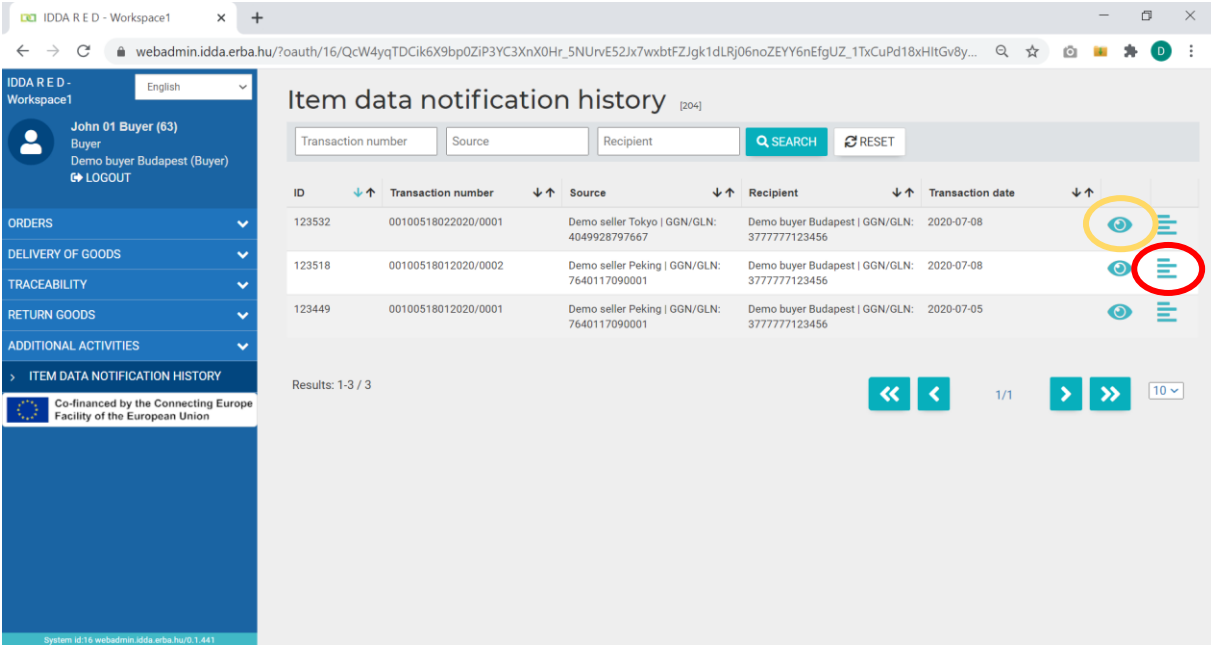
In order to see more info about an order click on the eye icon.

In order to see the generated GS1 EDI RECEIVING ADVICE Profile message XML, click the text icon.



# Additional Activities/Item Data Notification History

## Screenshots



## Description

This list shows the GS1 EDI ITEM DATA NOTIFICATION profile messages to transmit item data changes between workspaces.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about an order click on the eye icon.

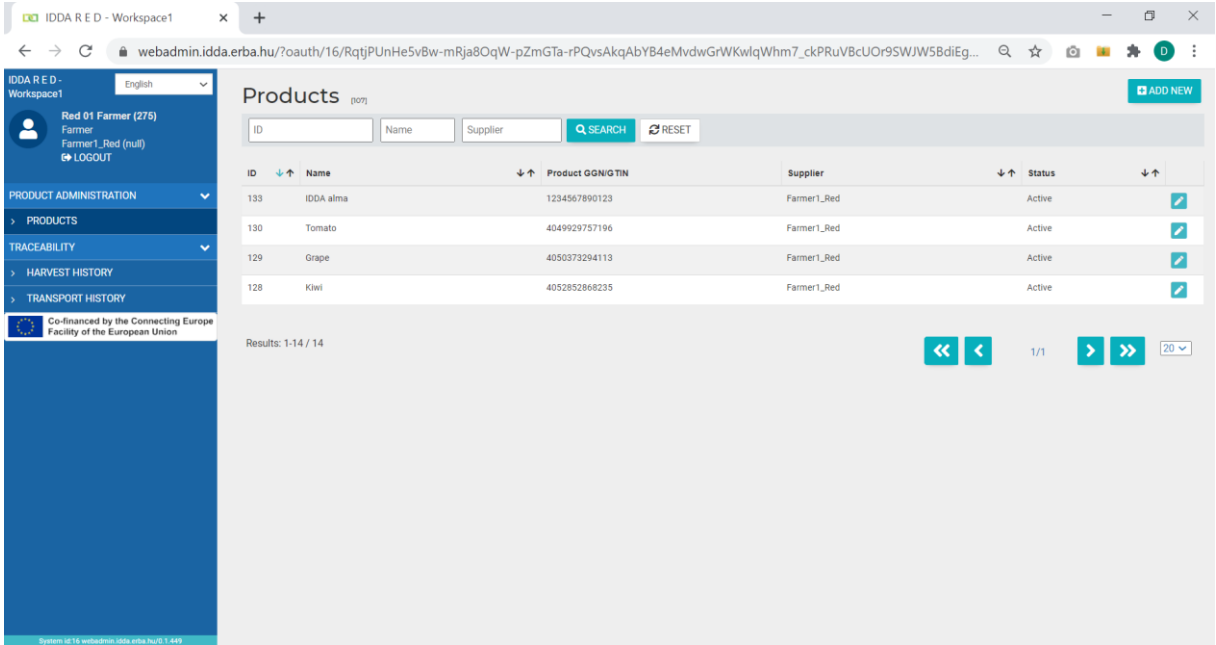
In order to see the generated GS1 EDI ITEM DATA NOTIFICATION Profile message XML, click the text icon.

## Farmer Role

The farmer is the source of produce. This role provides traceability information for the sellers and buyers about the products.

# Product Administration/Products

## Screenshots



## Description

Products under Products Administration is for sellers to add or modify their products.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

Only products with active status can be part of a transaction.

The small pencil icon allows you to edit the current dataset for that product.

## Add New Product

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/?oauth/16/-Nh1xP5dnAMu_fQ9cD55IWqt_eB1KAntseaDj2KqPAzoPhQaVKelc8LEZSivfDAwEttGoNmV_haGDvic5Jjgxn35...`. The page title is "Product [New record]". The form contains the following fields:

- Product name \*
- Product GGN/GTIN \*
- GGN/GTIN formatted (e.g. 4052852.086823) \*
- Supplier (Please select value)
- UOM (Please select value)
- Unit price
- Currency (Please select value)
- Status (Active)

At the bottom left, there are "SAVE" and "CANCEL" buttons. At the top right, there is a "BACK" button. The left sidebar shows the user "James 01 Seller (72)" and various navigation options like "PRODUCTS", "ORDERS", "DELIVERY OF GOODS", etc.

### Description

To define a new product for the seller, press the Add new button in the upper right corner of the Products list.

You need to define details in accordance to the “GS1 Item Data Notification” standard.

- Name
- Product GS1 GTIN, the unique identifier of the product in EAN13 encoding
- The formatted GTIN is the GTIN but removing the EAN13 error code digit and separating the 12 digits with dots on the GS1 company prefix and the product code.
- Supplier or Seller of the product
- UOM unit of measure for the product
- The unit price of 1 UOM of the product
- The currency of the unit price
- Status of the product
  - o Active: visible and usable in any combos
  - o Inactive: visible (greyed out) and usable in search but not usable in data input combos
  - o Deleted: not visible thus not usable in any combos

Press save to store your data and cancel or back to leave the page without saving.

## Traceability/Harvest History

### Screenshots

The screenshot displays the 'Harvest history' page in the IDDA system. The page features a search bar with filters for 'Harvested product', 'Lot ID/Batch number', 'Supplier', 'From' (date), and 'To' (date). Below the search bar is a table with the following columns: ID, Lot ID/Batch number, Supplier, Country, Premises GGN/GLN, Harvest date, Harvested product, Harvest quantity, and UOM. A single record is shown with the following details: ID 128810, Lot ID/Batch number DF45, Supplier Farmer1\_Red, Country Belgium, Premises GGN/GLN 7317010000000, Harvest date 2020-11-05, Harvested product Tomato | Product GGN/GTIN: 4049929757196, Harvest quantity 232.00, and UOM kg. The page also includes a sidebar with navigation options like 'PRODUCT ADMINISTRATION', 'TRACEABILITY', 'HARVEST HISTORY', and 'TRANSPORT HISTORY'. At the bottom of the sidebar, there is a logo for 'Co-financed by the Connecting Europe Facility of the European Union'. The top right of the page has buttons for 'ADD NEW' and 'DOWNLOAD EXCEL'. The bottom of the page shows 'Results: 1-1 / 1' and pagination controls.

ID	Lot ID/Batch number	Supplier	Country	Premises GGN/GLN	Harvest date	Harvested product	Harvest quantity	UOM
128810	DF45	Farmer1_Red	Belgium	7317010000000	2020-11-05	Tomato   Product GGN/GTIN: 4049929757196	232.00	kg

### Description

Under this menu point, you can see the details of all harvests, done under your account.

The harvest list is based on the active trade items registered by the seller.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about a harvest click on the eye icon.

To add new transaction, click on the ADD NEW button.

## Add New Harvest

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/?oauth/16/RqtjPUnHe5vBw-mRja8OqW-pZmGTa-rPQvsAkqAbYB4eMvdwGrWkwlqWhm7_ckPRuVBcUOr9SWJW58diEg...`. The page title is "Harvest [New record]". The form fields are as follows:

Farm *	Farmer1_Red
Country	Belgium
Premises GGN/GLN	731701000000
Harvested product *	Please select value
Lot ID/Batch number *	
Harvest quantity *	
UOM *	Please select value
Harvest date *	mm/dd/yyyy

At the bottom left of the form area, there are two buttons: a green "SAVE" button and a white "CANCEL" button with a left-pointing arrow.

### Description

The Farm, GLN number and the country origin will be filled automatically based on your profile.

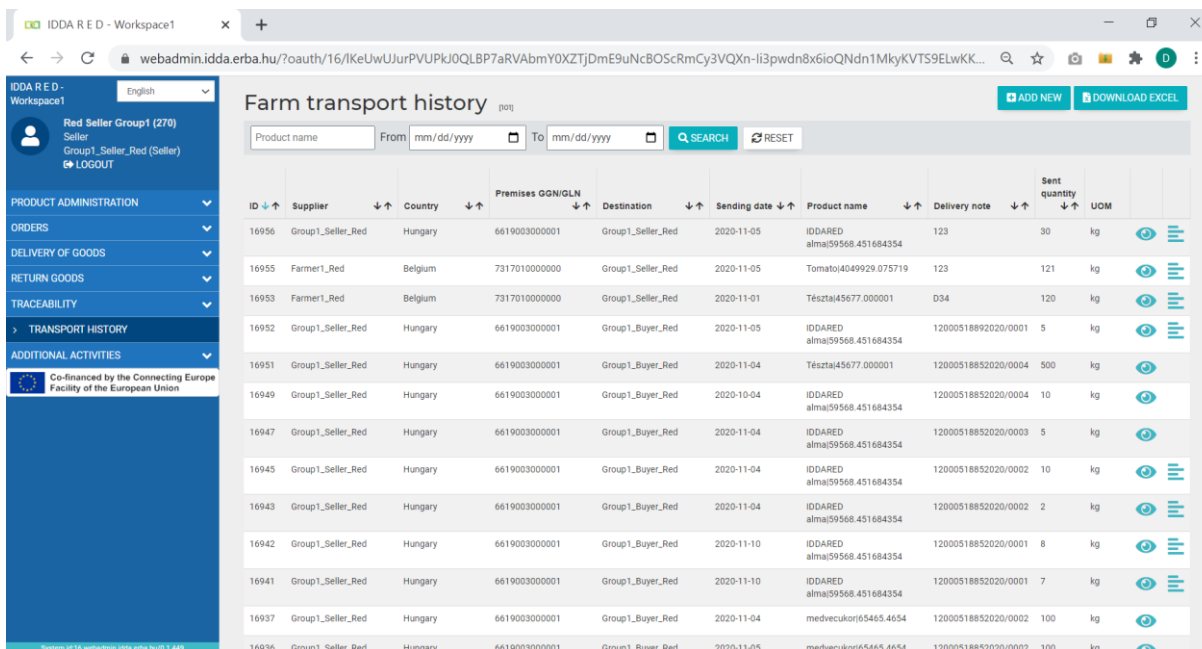
To fill it follow the steps:

1. Select the product from a dropdown list, these are the products you supply.
2. Add the lot / batch number of the product
3. Enter the harvested products' total weight in kg or add the number of pieces
4. Choose the UOM (kg or pieces)
5. Enter the date of harvest
6. Click on save harvest data

The Save button will be active only if you have filled all the mandatory fields, marked with red asterisk.

# Traceability/Transport History

## Screenshots



## Description

Under this menu point, you can see the details of all the transports, done under your account.

The transport history is based on GS1 EPCIS standards.

All lists can be sorted by clicking on the arrow in the title of the field, the sort options: ascending or descending.

You can also search in the dataset by product and by date interval.

In order to see more info about the transport click on the eye icon.

To add new transport click on the ADD NEW button.

## Add New Send Transport

### Screenshots

The screenshot shows a web browser window with the URL `webadmin.idda.erba.hu/?oauth/16/RqtjPUnHe5vBw-mRja8OqW-pZmGTa-rPQvsAkqAbYB4eMvdwGrWkwlqWhm7_ckPRuVBcUOr9SWJW58diEg...`. The page title is "Send transport [New record]". The form contains the following fields:

- Farm \* (Farmer1\_Red)
- Country (Belgium)
- Premises GGN/GLN (731701000000)
- Destination \* (Please select value)
- Despatch number \*
- Order number \*
- Sending date \* (mm/dd/yyyy)

Below the form is a "Delivery list" table with columns: Lot ID/Batch number \*, Sent quantity \*, and UOM \*. There are "SAVE" and "CANCEL" buttons at the bottom.

### Description

In this menu point you can send the earlier harvested products.

The transport message is based on GS1 EPCIS standards.

### Steps:

1. Select the proper destination- it is a dropdown field (linked with the type of destination).
2. Add the despatch or delivery note number.
3. Fill the Order number as a free text or numeric field)
4. Fill the date



## Add New Send Transport/Delivery List

### Screenshots

Send transport [New record]

Farm \* Farmer1\_Red  
Country Belgium  
Premises GGN/GLN 731701000000  
Destination \* Please select value  
Despatch number \*  
Order number \*  
Sending date \* mm/dd/yyyy

Delivery list

Lot ID/Batch number *	Sent quantity *	UOM *	
Please select value		kg	+
Please select value		kg	-
DF45/2020-11-05/232.00/ Tomato		kg	-

SAVE CANCEL

### Description

1. by clicking on the delivery list (green +) the earlier created harvests can be selected in the drop down list under LOT ID in a format of: Delivery note | harvest date | harvested quantity | product name
2. choose the harvest you want to add to the transport
3. fill the weight and here only the harvested weights should be typed
4. choose the UOM (kg or piece)

if you would like to add another harvests as well to the same transport repeat the whole process.

5. If you are ready click on save

Note: the delivery list items are sorted by the date of creating (the oldest is the first) and can see the harvests back to 28 days based on creation date, not harvest.