



Powered by Aucxis

KOSMOS 22.1

RELEASE NOTES

**OUR TECHNOLOGY
YOUR FUTURE**

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1 Introduction

Dear customer,

Through this document we would like to inform you about the modifications and improvements in our newest KOSMOS release (22.1).

2 General overview of KOSMOS 22.1 improvements

As KOSMOS keeps growing with new functionalities in order to support our customers, it is important to invest the necessary time to improve the stability and performance of the product. In this new KOSMOS version many improvements have been made which are related to the **line times**. The decrease of several processing times contributes to a faster data processing and improves the user's experience.

In KOSMOS 22.1 we have also added extra **security** improvements. Based on the current OWASP guidelines, we will try to reduce the security risks to a minimum.

In addition to the security part, we also continue to focus on improvements for both the buyer and auctioneer.

First of all, we have started to redesign our **UI**. In this KOSMOS version, we have updated the UI of the clock application, both for buyer and auctioneer. In a second phase (KOSMOS 22.2), we will take care of the administration part.

Besides to the new UI, we also introduced a new selling mode for the auction, a **Transaction registration** module. Auctions (e.g. shout auctions) which are currently doing the sale manually, have now the possibility to use this brand new module.

One of the major additions in this new version is the use of **buy amount buttons**! In older KOSMOS versions, the buyer was obliged to use the regular buy button in combination with the buy popup or audio connection with the auctioneer. Now KOSMOS can speed up the process thanks to the use of buy amount buttons.

In addition to images, KOSMOS now supports **video streaming** as well. Each clock can have a video stream channel in order to provide the buyer with more detailed information.

And of course, our **KOSMOS app** is also being improved with several new functionalities, like buy amount buttons, minimum and maximum amounts and notifications. These features become available once KOSMOS 22.1 is installed.

Check our release notes to have more details about this new KOSMOS version.

3 General & Administration

Overview of all general improvements in KOSMOS

- Notifications
- Blocked for buying (2nd restriction)
- Security improvements
- Latency improvements
- Chinese language support

3.1 Notifications

A brand new functionality in KOSMOS is “Notifications”. In older KOSMOS versions, we had several options to inform users about new supply, forecast, transaction summary,...

The options are still available in this new KOSMOS version. Only the way of providing information (by default by e-mail) is now changed to notifications.

Now we can also choose how the information is sent:

- Using push notifications
- Using e-mail
- Using SMS

In the future, in a 2nd phase, we will extend these channels with WhatsApp.

Together with the customer, we can configure (activate/deactivate) the following notifications:

- Publishing supply forecast
- Publishing supply
- Transaction summary
- Error reporting

Apart from the above notifications, we also added the following **new** notification “**Cancelled prebids**”. In KOSMOS, prebids can be cancelled by the auctioneer or are automatically cancelled when the lot properties are changing. In older KOSMOS versions, buyers were not notified when this occurred. Now, buyers can receive a notification and take the necessary actions, if needed.

In future versions, we can easily extend KOSMOS with new notifications because this framework is available now.

3.2 Blocked for buying (a 2nd restriction)

KOSMOS 21.2 (and older) contains the functionality to block a buyer based on the following information and/or settings. Buyers could be blocked on:

- Credit limit
- Clock access (access to all clocks, or only to a specific clock)

In KOSMOS 22.1, we have added a “2nd restriction” to be able to block buyers on an extra level. Blocking is now also possible based on available master data.

In the following example, we have configured “Port of supply” as a 2nd restriction. The auction can now define which buyers are able (or not) to buy products based on this restriction.

The auction can configure these settings in the buyer management. When opening the settings from an individual buyer, you are able to configure the 2nd restriction. When the 2nd restriction is configured, an extra tab becomes available.

Edit buyer
✕

Buyer name: Buyer 109

General
Auction Cluster
Clock access
Sub buyer
Port of supply

Port of supply	Blocked for buying	
	<input type="checkbox"/>	✖

SAVE
CANCEL

By default, buyers are not restricted when the 2nd restriction is not defined. From the moment the 2nd restriction is defined (the auction defines which “Port of supply” the buyer has access to or not), these restrictions are taken into account in the clock. In the following example, you will see that this buyer has access to certain ports (Douarnenez, Guilvinec) and that the buyer is blocked for other ports (Audierne, Concarneau).

Edit buyer
✕

Buyer name: Buyer 109

General
Auction Cluster
Clock access
Sub buyer
Port of supply

Port of supply	Blocked for buying	
AUDIERNE	<input checked="" type="checkbox"/>	✖
DOUARNENEZ	<input type="checkbox"/>	✖
CONCARNEAU	<input checked="" type="checkbox"/>	✖
GUILVINEC	<input type="checkbox"/>	✖

SAVE
CANCEL

3.3 Open reports via an URL (API)

KOSMOS provides now the possibility to open a report by scanning a QR code. If the QR code contains a valid URL, the corresponding report will automatically be opened. It is not needed to open and log in through KOSMOS. QR codes with non-valid data will redirect the user to the login page of KOSMOS.

Step 1: the user scans a valid QR code



Step 2: the corresponding report is opened on the mobile device (the mobile device needs to have an App to be able to open the pdf file)

Kg:		Supplier:	
46,488		6	
Species (> 100 kg)	Kg	Supplier	Landing time
Dover Sole	5,250	BCK40	22:00
Turbot	2,720	P224	22:00
Brill	750	ST27	22:00
Anglerfish	330	UK-34	22:00
Lemon Sole	420	UK-382	22:00
Plaice - MSC	8,700	UK-47	22:00
Dab	920		
Cod	2,120		
Whiting	440		
Haddock	3,330		
Red Gurnard Tub	680		
Edible Crab	940		
Squid European	110		
Eigen gebruik	19,200		
Thornback Ray	330		

Remarks:

Auction open: 03:00 **Grading:** 22:00 **Sale:** 06:00

10/10/2022 11:14:06 Page 1 of 1

3.4 Security improvements

KOSMOS keeps improving on security level. The KOSMOS versions 21.1, 21.2 and 22.1 contain the necessary modifications to comply with the OWASP Top 10 guidelines.

In this version, we paid attention to the following security parts:

- Password reset improvements
- Password field usability (eye, inform users that Caps lock is active...)
- Registration improvements (password limitation checks on multiple levels: UI and API)
- User authentication improvements (show all rules which do not comply)
- Access and refresh token improvements
- Password ban list
- Lack of resource and rate limiting
- ...

3.5 Latency improvements

To allow more simultaneous users in KOSMOS, several parts (line time calculations) and processing times needed to be improved. All these modifications result in better line times and less setbacks or clock jumps. The improved processing times and line times increase the general performance of KOSMOS.

3.6 Chinese language support

For new standard KOSMOS products, the Chinese and Portuguese language are added to the available languages. The following languages can be activated and are available in KOSMOS:

- Dutch
- English
- French
- German
- Arabic
- Spanish
- Portuguese
- Chinese

Please be aware that these languages are available, but that product information (data) always needs to be translated or provided. Extra languages can be added on request.

4 Auctioneer & Buyer

Overview of improvements for the buyer, auctioneer and auction staff

The following list gives an overview of all (buyer and/or auctioneer) widgets which have been modified and improved:

- Renewed UI
- Transaction registration module
- Minimum & maximum buy amounts
- Buy amount buttons
- Video streaming

4.1 Renewed Clock UI

In KOSMOS 22.1, we have also renewed our default user interface. A new and modern look & feel is introduced in this version. On our roadmap (KOSMOS 22.2), it is also scheduled to update the user interface of the Administration part.

Customers who have a custom user interface (css) will be able to remain their own style.

Below you will find some screenshots of the new UI.

Auctioneer

The screenshot displays the KOSMOS Auctioneer interface with a green header bar. The main content is divided into several sections:

- Upcoming lots:** A table listing various rose products from manufacturers like Allure and Berg Roses, including columns for quantity, price, and status.
- Transactions:** A table showing recent transactions with columns for manufacturer, quantity, price, and product details.
- Transaction validation:** A form where the user can confirm a transaction, showing the requested amount, buyer name, and total price.
- Images - Rozenklok 1:** A section displaying a product image of a bouquet of red roses with the brand name 'ALLURE' and 'R GR CON AMORE 070'.
- Current lot - Rozenklok 1:** A circular clock interface for the current lot, showing a price range from 0.01 to 1.50 EUR and a current bid of 0.40.

Remote buyer

The screenshot displays the KOSMOS auction interface for a remote buyer. The interface is divided into several sections:

- Top Bar:** Shows the time 14:09, navigation options (INSTELLINGEN, WIDGETS, OPSLAAN), and a default layout selection.
- Aanvoermatrix (Left):** A table listing various auction lots with columns for 'Allure', 'Berg Roses', and 'Prid'. The current lot is highlighted in blue.
- Central Clock:** A circular clock interface showing the current price range (0,01 - 2,00) and the lot name (R GR CON AMORE 070). The clock face has numerical markers from 1 to 10.
- Foto's (Right):** A section displaying a product image of a bouquet of roses with the brand name 'ALLURE' and the lot name 'R GR CON AMORE 070'.
- Volgende loten (Bottom Right):** A table listing upcoming lots with columns for 'AANTAL', 'AFK', 'FOTO', 'EENHEID', 'PRIJS', 'KINDER', 'AANTAL', 'Kwaliteit', and 'Product'. The current lot is highlighted in red.
- Huidig lot (Bottom Left):** A section showing the current lot details, including the lot name (Allure), quantity (897), and other attributes.

4.2 Transaction registration module

A brand new feature and selling method (the replacement of our Shout auction module) is the **Transaction registration module**. The transaction registration module gives the auction the possibility to register transactions manually, without the clock. Currently, this module is designed for fish auctions but this can be configured if needed. The filter options and information for the auctioneer are part of the KOSMOS product management.

Supply (lot by lot, no grouping possibility) can be sold to the highest bidder. Also remote buyers can follow this way of selling. Remote buyers can use their current lot, upcoming lots, transaction and other widgets to follow the sale.

This module is especially made for handhelds and touch usage. It is also possible to use this module on a regular PC.

Which options and functions are available to the auctioneer?

- Filters in order to filter the supply from the catalog
- Make transactions by entering a buyer and price (or based on entered prebids)
- Split functionality to be able to split lots and/or transactions into multiple lots/transactions
- Use of suggestion lists in order to enable fast input
- Do simple corrections in the current lot (amount)
- Suggestion of start price information when creating a transaction
- ...

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Transaction registration

VESEL: ACHIEVE SPECIES: - FRESHNESS: - GRADE: -

HIDE TRANSACTION HIDE SUPPLY WEIGHT CORRECTION

ALL	SPECIES	FRESH	GRADE	SUBSIZE	PRES	AMOUNT	CONTENT	WEIGHT	BOXSIZE	UNIT PRICE	BUYER
<input type="checkbox"/>	Wlth	B	3	c	GUT	17.0	40.0	680.0	40.0		
<input type="checkbox"/>	Wlth	B	3	c	GUT	16.0	40.0	640.0	40.0		
<input type="checkbox"/>	Greater Forkbeard	A	1	F	ROE	18.0	40.0	720.0	40.0		
<input checked="" type="checkbox"/>	Greater Forkbeard	A	1	F	ROE	18.0	40.0	720.0	40.0		
<input type="checkbox"/>	Herring	B	5	g	TAL	46.0	40.0	1,840.0	40.0		
<input type="checkbox"/>	Red Gurnards	A	1	g	TAL	25.0	40.0	1,000.0	40.0		
<input type="checkbox"/>	Red Gurnards	A	1	g	TAL	25.0	40.0	1,000.0	40.0		
<input type="checkbox"/>	Herring	B	5	g	TAL	46.0	40.0	1,840.0	40.0	0.95	A511 - ALL SEASONS
						Total: 211.0			Total: 8,440.0	Current avg: 0.95	

BOXES: 18 PRICE: 0.00 BUYER: -

0 CLEAR

+0.05 +0.10 +0.15 +0.20 +0.25
-0.05 -0.10 -0.15 -0.20 -0.25

4.3 Minimum & Maximum buy amounts

A new feature in KOSMOS, which could speed up the auction, is the use of minimum and maximum buy amounts. The auctioneer can use function keys in order to define/set/change the min/max required amount of a lot. Currently, this feature is only available when selling individual lots. In KOSMOS 22.2, this feature will also work for grouped lots (automatically and manually).

During the sale:

- the auctioneer can define the current min/max amount
- the min/max amount set by the auctioneer always overrules (and adjusts if needed) the requested amount from the buyer
- prebid amounts are also verified to these min/max amounts

The auction can manage its own min/max amounts in the catalog settings menu.

Edit catalog

General Prebids Validation Buffer Cleanup Demo **Min/max amounts**

Min amount 1: 2 Max amount 1: 0

Min amount 2: 3 Max amount 2: 0

Min amount 3: 4 Max amount 3: 0

Min amount 4: 6 Max amount 4: 0

Min amount 5: 8 Max amount 5: 0

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When not defining these settings (default values are 0), this function is not available. For auctions which are willing to use these min/max amounts, we can add configuration so the min/max value is shown in the clock widget, for buyer and auctioneer.

4.4 Buy amount buttons

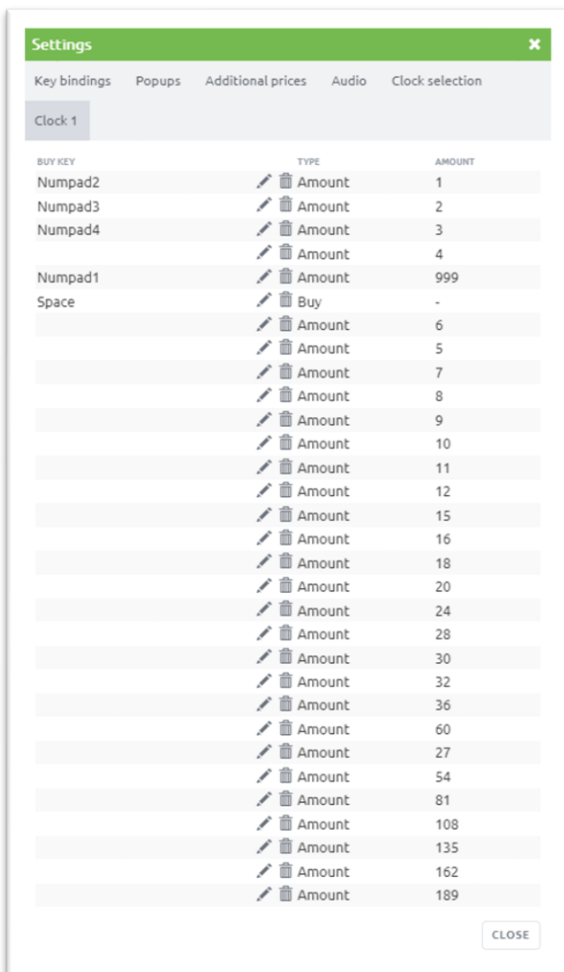
Another new feature in KOSMOS, which can also speed up the auction, is the use of “Buy amount” buttons. Previously, the auction needed to choose between buying with audio or buying with a regular buy button (and popup). From now on, KOSMOS supports “Buy amount buttons”.

The auction can manage which and how many buy buttons are available to the buyers.

The following buy buttons can be configured:

- Buy: (current) buy button which allows buying with audio or the buy popup
- All: the entire lot is requested
- Rest: the remaining amount is requested
- Amount: amount buttons are linked to a fixed amount. This amount is automatically requested when the clock is stopped

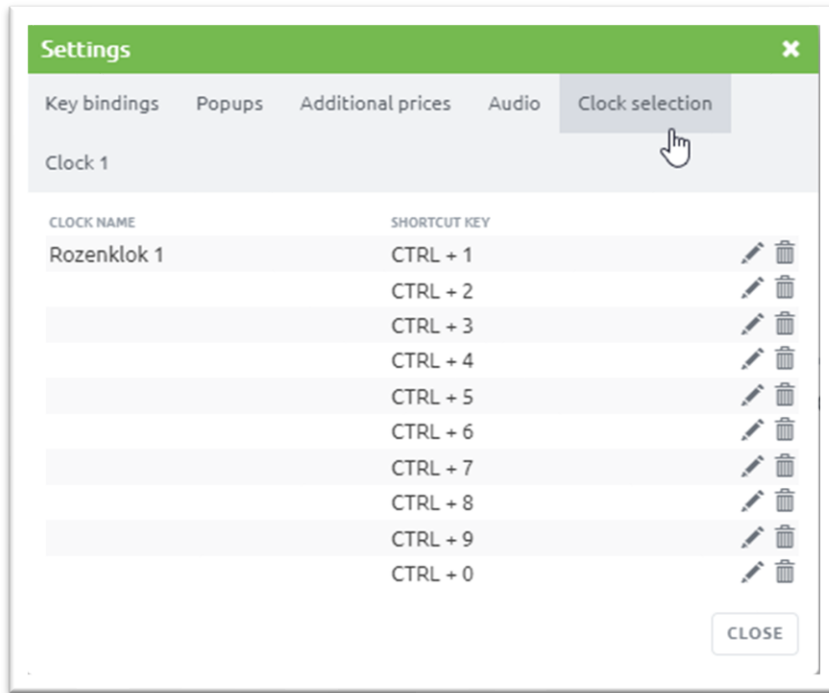
In the following screenshot, you can see that *space* is defined as the “regular buy” button. Besides to this, there are multiple *amount* buttons available. Only *Amount 1*, *Amount 2*, *Amount 3* and *Amount 999* are assigned to a shortcut key. The auction provides a set of buttons and the buyer can choose which buttons to use.



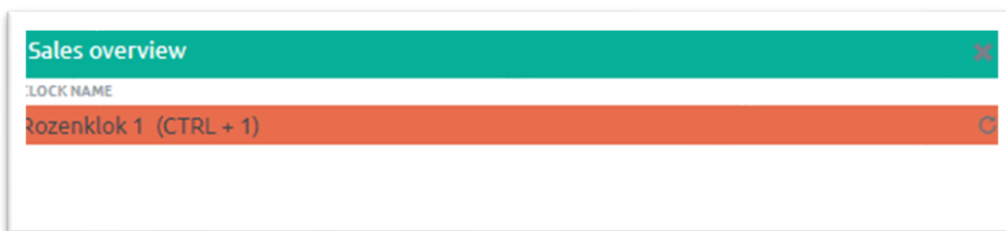
4.5 Switching between clocks

New useful function keys are the “Clock selection” keys. The buyer can now easily switch from Clock A to Clock B by using the corresponding shortcut key. Buyers remain able to add multiple clock widgets to their screen, but if they choose to limit the amount of clock widgets, they can easily change the current clock by using these functions.

The shortcut keys can be changed and managed in the buyer’s Settings menu.



The Sales overview widget also displays the corresponding shortcut key.



4.6 Video streaming

A new widget and functionality in KOSMOS 22.1 is the “Video streaming” widget. Just like the already existing image widget, a video streaming widget is available as well.

Each clock can have one video streaming widget. If the auction provides a valid URL and the video streaming protocol (RTSP) is supported by KOSMOS, the video streaming will be opened and played to the buyer when the widget is active.

5 KOSMOS APP

Overview of improvements for the buyer

The following list gives an overview of all widgets which have been modified and improved:

- Reporting module
- Notifications
- Minimum and Maximum amounts
- Buy amount buttons

5.1 Reporting module

The reporting section in the KOSMOS app is also renewed. All reports which are available to the buyer in the web client of KOSMOS are now also available in the app.

The main menu contains a "Reports" section. Here the buyer can select the report he wants to download. Depending on the report and its configuration, some filters are possible. Each requested report which has available data is downloaded as a pdf file. So your mobile phone only needs to have a pdf reader app to open the report.

5.2 Notifications

Just like the KOSMOS website, the app also supports (push) notifications. Buyers can receive the following notifications (if activated by the auction):

- Published supply forecast
- Published supply
- A new Transaction summary
- A cancelled prebid

5.3 Minimum and Maximum amounts

If "Minimum and Maximum amounts" are configured in KOSMOS, these values are displayed and available in the clock widget. The values give the buyer extra information about the amounts which can be requested during the sale. These amounts can change during the auction. The auctioneer has the possibility to change these amounts.

5.4 Buy amount buttons

To speed up the sale, the buyer has the possibility to use "Buy amount" buttons if these are available. In this way, the requested amount can be directly sent to the auctioneer instead of using the buy popup or audio connection.

If "Buy amount" buttons are available, they will be displayed in a separate widget below the clock widget. The user can use one of the available buttons to stop the clock, the same as pressing the clock widget which is the current behaviour.