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KOSMOS 24.3 & 24.4

RELEASE NOTES

**OUR TECHNOLOGY
YOUR FUTURE**

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1 Introduction

Dear customer,

This document outlines the modifications and improvements introduced in KOSMOS releases 24.3 and 24.4. For more details or information about a certain feature, please do not hesitate to contact the KOSMOS team in order to receive detailed functional documentation.

2 General overview of KOSMOS 24.3 & 24.4 improvements

The latest release of KOSMOS delivers significant enhancements across **transaction management, gallery management** and **clock mode configuration**. These updates streamline user workflows, enhance operational transparency and improve configurability for auction environments.

In this new version, we have added the following new features:

- Improvements to buyer popup validation
- Transaction delete request functionality
- Display and customise clock mode
- Gallery management improvements

In addition to these new features, we have also made general improvements and performance updates to ensure the KOSMOS product remains stable and reliable.

Please check our release notes below for more details about this new KOSMOS version.

3 Buyer popup validation

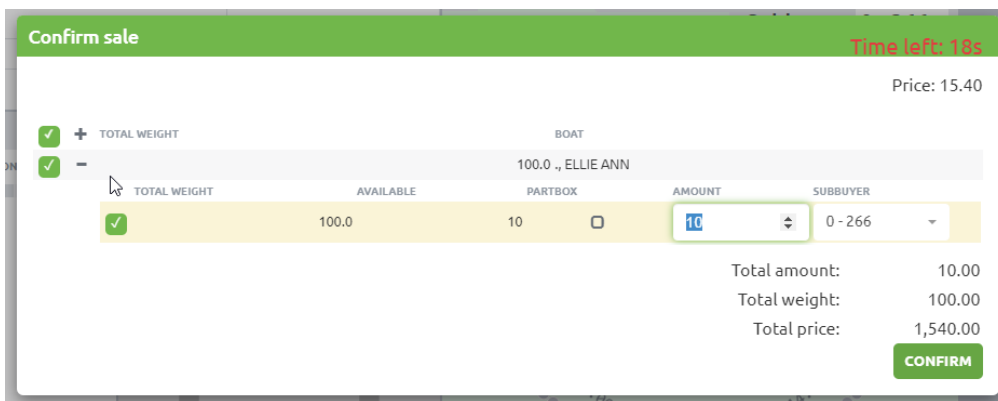
Configuration options

A new setting called "Buy popup request amount" replaces the previous "Buyer popup type" setting.

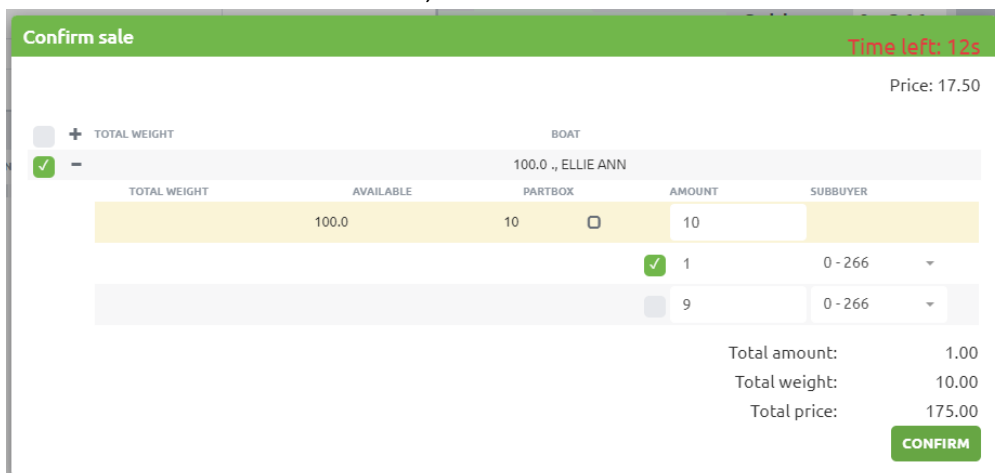
- This setting has two options: "Remaining amount" (default) and "Minimum amount".
- The setting is only applicable in "Individual mode" and not in grouped mode.

Automatic Amount Suggestion in Buy Popup

- When set to "Remaining amount", the popup always displays the total remaining amount of the lot. This behaviour is similar to the current functionality.



- When set to "Minimum amount", the popup suggests either 1 or the lot's minimum amount. The lot is automatically selected in the popup for quicker confirmation. The minimum amount adjusts automatically to match the decimal configuration of the "Amount" property:
 - No decimals: Minimum is 1
 - 1 decimal: Minimum is 0.1
 - 2 decimals: Minimum is 0.01, and so on.



Automatic Buy Popup Closure

The popup closes automatically when the minimum required amount equals the remaining amount.

- If the remaining amount equals the minimum amount, the buy popup does not appear for the buyer.
- Instead, the system automatically enters and confirms the minimum amount.
- In this scenario, the auctioneer receives the buy popup for confirmation and validation.

Enhancements:

1. Product Configurator

Ability to configure suggested/proposed amount (total remaining or minimum amount)

2. Buyer Experience

- The buy popup automatically suggests the minimum required amount or remaining amount
- The lot is automatically selected in the popup for quicker confirmation

3. Amount Property Configuration

The minimum amount adjusts to match the decimal configuration (e.g., 1, 0.1, 0.01)

4. Streamlined Buying Process

- Automatic entry and confirmation of the minimum amount when it equals the remaining amount
- The auctioneer receives buy popup for confirmation and validation in this scenario

Note: These changes aim to extend the functionality of the "Buy popup" window, providing more flexibility and efficiency in the buying process.

4 Transaction delete request

The transaction widget now allows buyers to submit **delete requests** directly. This feature addresses scenarios where transaction corrections or cancellations are needed.

"Delete Request" Button:

- Appears as a garbage/bin icon next to each transaction (provided if the system administrator enables this feature).
- When clicked:
 - A delete request is sent to the auctioneer for review.
 - The transaction is visually highlighted with an orange background, signalling its pending status.
- Prevents redundant submissions:
 - Repeated clicks on the delete button for the same transaction are ignored, ensuring that only one request is submitted.

Supplier	Species	Grade	Buyer	Sub buyer	Boxes	Price	# Bids	Box weight	Pres	
AAAID	DABS	0	NINTY 7	NINTY 7	4	3.50	1		1 GH	
AAAID	COD	0	NINTY 7	NINTY 7	1	4.60	1		1 GH	
AAAID	CATS	0	UNSOLD	UNSOLD	10		1		1 GH	
AAAID	COD	0	UNSOLD	UNSOLD	20		1		1 GH	

Pending Requests Behaviour:

- Requests remain intact during session refreshes or application restarts, ensuring users do not lose actions due to minor disruptions.
- Requests are cleared if KOSMOS is fully restarted, requiring re-submission by buyers.

Auctioneer Role Enhancements:

- Auctioneers now have dedicated tools to review and manage delete requests effectively:
 - Pending requests are visually marked with a distinct orange background in their widget.
 - Notification sounds alert the auctioneer to new requests.

Supplier	Species	Grade	Buyer	Sub buyer	Boxes	Price	# Bids	Box weight	Pres	
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AAAID	CATS	0	UNSOLD	UNSOLD	10		1		1 GH	
AAAID	COD	0	UNSOLD	UNSOLD	20		1		1 GH	

New Controls for Managing Requests:

- **Accept:**
 - Removes the transaction permanently.
 - Strikes out the transaction entry.
 - Highlights it in red and resets the transaction amount to zero.

- **Reject:**

- Removes the delete request.
- Clears the orange highlight.
- Disables the delete request icon for the transaction in the buyer's widget, informing the buyer of rejection.

Operational Constraints:

- Delete requests can only be managed when the auction clock is in **Idle mode** (not running).
- If a transaction exits the buffer zone (e.g., due to timeout or system limits), the associated delete request is automatically rejected.

Product Configurator Updates

Administrators can toggle the delete request functionality via a new setting:

- **"Allow Delete Requests by Buyer":**
 - Enabled: Buyers can send delete requests.
 - Disabled: The delete request option is hidden.

Changes to this setting are dynamically reflected in both buyer and auctioneer applications.

Delete Request Resubmissions:

If KOSMOS is restarted, all pending delete requests are lost. Buyers must manually resend these requests.

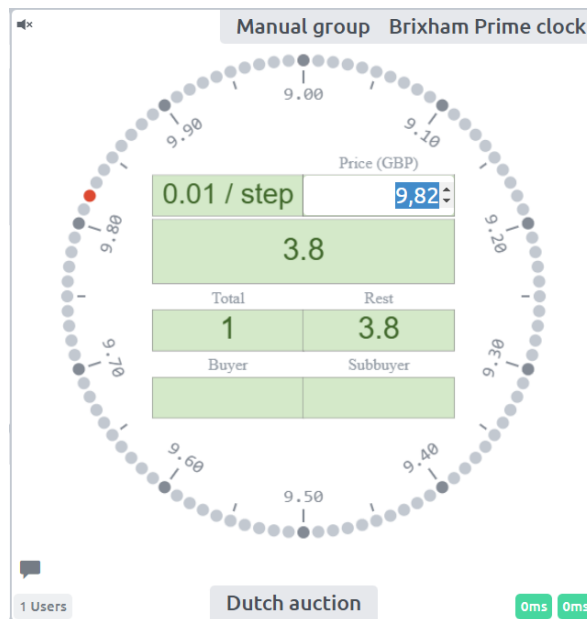
5 Clock mode

Auction Mode Display in Buyer and Auctioneer Widgets

The new **active auction mode** label now appears prominently below the clock circle in both buyer and auctioneer applications.

Benefits

- Provides clarity on the auction type currently in progress.
- Helps users quickly adjust to changing auction modes during sessions.



Product Configurator Enhancements

- **Custom Auction Mode Names:**
 - Administrators can customise auction mode names, replacing default system names.
 - Configurable via the "Auction Modes" tab in the product configurator.
- **Clockface Configuration:**
 - A new setting, **"Show Clock Mode"**, allows the auction mode label to be toggled on or off.
 - By default, this feature is disabled, ensuring flexibility in implementation.

Master Data Integration

Auction mode customisations are stored in master data, ensuring consistency across all applications. Custom names are shared with buyer and auctioneer apps via system APIs for seamless integration.

6 Gallery management

Enhanced ARDS Diagnostics

To improve visibility into system diagnostics, new ARDS-related fields are introduced:

- **Online/Offline Status:** Identifies the current connectivity of ARDS.
- **Version Details:** Displays the ARDS version for maintenance and troubleshooting.
- **Gallery Type:** Supports 48DI, RC-6 and CTIF gallery types.
- **Gallery Size (CTIF):** Defines the number of buyer seats. Only system users can edit this value.

The screenshot shows the 'Gallery management' interface. At the top, there's a header with 'Plantion' logo, 'Gallery management', and user information 'Joeri Hofman (Auction Cluster)'. Below the header, there's a dropdown menu for 'Show gallery seats for auction' set to 'Bloemenveiling Plantion Ede'. The main table has columns: Clock, Online Status, Version, Gallery Type, and Gallery Size. It lists three rows, all with 'Offline' status and 'CTIF' gallery type, each with a 'Gallery Size' of 100. Below this, there's a search bar and a detailed view of a seat. This view has columns: Auction, Buyer, Seat number, and Reserved. It shows three rows for 'Bloemenveiling Plantion Ede' with seat numbers 1, 2, and 3. The 'Reserved' column shows a green checkmark for seat 1 and empty boxes for seats 2 and 3.

Automatic Seat and Buyer Management (CTIF Galleries)

CTIF gallery overviews dynamically update seat and buyer details in real time:

- Seats update automatically with real-time login/logout data provided by ARDS (to indicate the buyer logged in into each seat).
- Reserved seats display buyer information, including when occupied by unauthorised buyers.

Real-Time Seat Reservation Management

Auction managers can reserve seats for specific buyers using a new **reservation popup**:

- Define buyer and seat number.
- Set reservation status with options to block or allow other buyers.

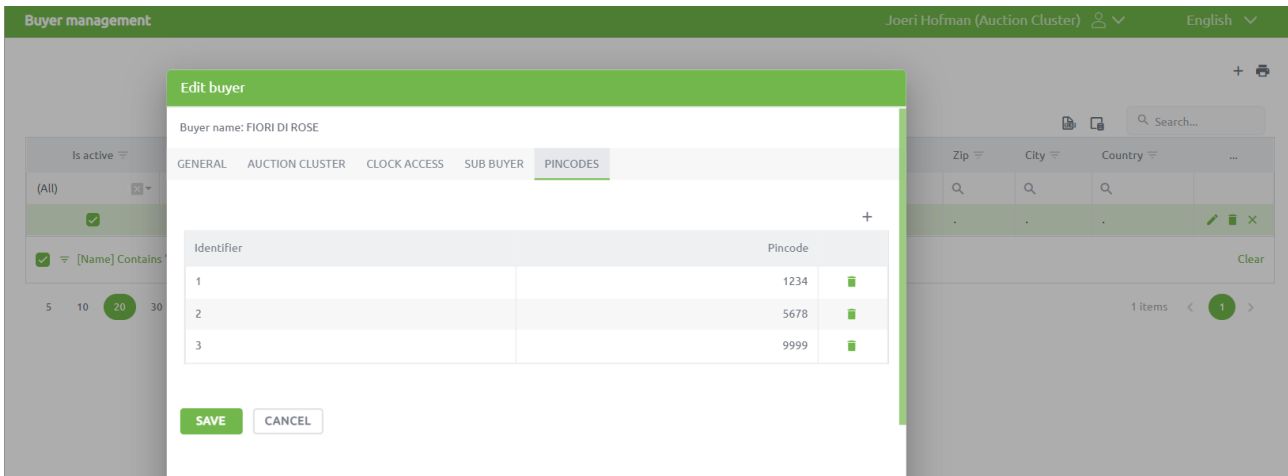
Reserved seats display informational messages on buyer benches (e.g., “Reserved for Buyer XXX”).

The screenshot shows the 'Edit gallery seat' popup form overlaid on the gallery management interface. The popup has a title 'Edit gallery seat' and a green header. It contains the following fields: 'Auction' (dropdown menu with 'Bloemenveiling Plantion Ede'), 'Seat number' (input field with '2'), and 'Buyer' (dropdown menu with '10015'). There is a checked checkbox for 'Reserved' and two buttons: 'SAVE' and 'CANCEL'. The background shows the same gallery management interface as the previous screenshot, but with the popup in the foreground.

User and Buyer Management Enhancements

The pincode management has been moved from the User to Buyer management:

- Previously, a single pincode was tied to each user. Now, multiple pincodes can be linked to a single buyer, supporting scenarios where multiple users represent the same buyer.
- New "Pincodes" tab in the buyer settings allows:
 - Adding, editing or deleting pincodes for buyers via:
 - KOSMOS UI
 - Back-office systems
 - API integrations



Synchronisation

- Pincode updates are automatically synchronised between KOSMOS and ARDS.
- External systems can retrieve or update pincode data using provided APIs.

Customer-Specific Enhancements

- Enhanced buyer summaries show detailed transaction and unit purchase data.
- Reserved seat functionality ensures fair participation.
- Real-time seat assignment visibility, including notifications for unauthorised seat usage.
- Display of seat numbers in clock widgets for easy identification.

7 General Product improvements

Warnings and error messages

The auctioneer's clock widget can receive error messages and warnings (e.g. ticket printer issues,...). As the messages need to be cleared one by one, we have added a short key to clear all messages at once.

Wildcards in lookup tables for minimum prices

As KOSMOS often works in combination with a back-office system, a lot of data is synchronised between both applications. In order to minimise the amount of "data" stored in lookup tables, KOSMOS now supports wildcards. This means that not all possible combinations, for example for minimum prices, need to be managed externally and synchronised to KOSMOS. Instead, we try to limit this number of options and store only the minimum amount of data.

For example: Today, we need a minimum price for a species in combination with a certain quality, presentation, size,... meaning all data combinations are required. In KOSMOS 24.3 we can store the minimum price for that species, the presentation and other properties can be defined but are not a must. KOSMOS will then find the best possible combination and use that minimum price. This will reduce the number of combinations.

8 Conclusion

This release introduces robust updates to core functionalities, significantly enhancing the usability and configurability of KOSMOS:

1. **Buy popup validation:** Allows the auction to control the suggested amount when buyers are buying via the popup.
2. **Transaction Widget:** Buyers and auctioneers now have greater control over transaction management.
3. **Gallery Management:** Dynamic, real-time seat management and improved buyer authentication streamline operations.
4. **Clock Mode:** Customisable auction modes and enhanced visual clarity improve user experience.

These updates enhance KOSMOS' adaptability and efficiency for auction operations.

9 KOSMOS 24.5

Our future KOSMOS version, **KOSMOS 24.5** will support the following new features:

- Printer management extensions (being able to configure a printer to print directly, with a delay, on IO,...)
- Hardware usage (on/off, e.g. conveyor belts which can be activated/deactivated by the auctioneer)
- Custom logos (configure 2 logos for the Administration part)
- Filtering catalogs from overviews (catalogs which only contain supply will be available)