



Powered by Aucxis

**KOSMOS 24.2**

## **RELEASE NOTES**

**OUR TECHNOLOGY  
YOUR FUTURE**

**Aucxis BV**

Zavelstraat 40  
9190 Stekene, Belgium  
T +32 (0)3 790 17 17  
BE 0429.285.178

[info@aucxis.com](mailto:info@aucxis.com)  
[www.aucxis.com](http://www.aucxis.com)

Date: 17/10/2024  
Version: 1.0

## Index

---

<b>1</b>	<b>INTRODUCTION .....</b>	<b>3</b>
<b>2</b>	<b>GENERAL OVERVIEW OF KOSMOS 24.2 IMPROVEMENTS .....</b>	<b>3</b>
<b>3</b>	<b>MULTI-TRANSACTION .....</b>	<b>3</b>
3.1	AUCTIONEER.....	5
<b>4</b>	<b>GENERAL PRODUCT IMPROVEMENTS .....</b>	<b>6</b>
4.1	WARNINGS AND ERROR MESSAGES.....	6
4.2	WILDCARDS IN LOOKUP TABLES FOR MINIMUM PRICES .....	6
<b>5</b>	<b>KOSMOS 24.3.....</b>	<b>7</b>

## 1 Introduction

---

Dear customer,

Through this document we would like to inform you about the modifications and improvements in our KOSMOS release 24.2. 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 24.2 improvements

---

In this new version, we have added only one new feature:

- Multi-transaction

In addition to this new feature, 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 Multi-transaction

---

KOSMOS already supports 6 different selling methods, one of which is the “Dutch” falling clock principle. Here the clock starts counting down from a certain start price and will validate the buyer with the highest price/bid (i.e. the fastest buyer to press the buy button).

In KOSMOS 24.2 we have added the multi-transaction option to the falling clock, combined with the buyer amount bid buttons, which allow buyers to specify the number of units they want to buy. This will allow the auction to speed up the auction process. Alternatively, for auctions that do not wish to use the multi-transaction mode, but still want to analyse the interest of the buyers in different auctioned products, this can be done by using the information gathered during the post-scanning time after each buy action.

When activating the Multi-transaction mode, it is possible to validate multiple buyers at the same time.

Buyers who bid at the same price - within the configured post-scanning time - can be validated together.

The validation of multiple buyers depends on several factors:

- as long as supply is available, possible buyers can be validated
- buyers need to make a bid within a specific timeframe (= post-scanning time)
- only bidding using buy amount numbers is allowed in multi-transaction mode
- all possible buyers will be ordered based on specific criteria before validation starts
- the number of buyers validated is limited to a maximum

KOSMOS will include several new configurable settings in order to define the best setup for your auction.

These configurable options include:

- Post-scanning time
- Maximum number of buyers
- Transaction price behaviour
- Buyer priority ordering

The **post-scanning time** is the additional time that KOSMOS allows for bids to be made and validated. Once the clock stops, the post-scanning time becomes active and a possible 2<sup>nd</sup>, 3<sup>rd</sup>,... bid can be received and validated. This enables the validation of multiple buyers around the same price.

The **maximum number of buyers** limits how many buyers can be validated in one clock stop. This number will always limit the number of transactions for different buyers.

The **transaction price behaviour** can be defined as follows: either the transaction price is equal for all validated buyers, meaning everyone pays the same price, or the transaction price can be set according to the virtual clock price. Because the clock continues to run in the background during the post-scanning time, a 2<sup>nd</sup> buyer may be validated at a transaction price (e.g. 1 cent, the value of one clock step) lower than the price of the buyer who initially stopped the clock.

The **ordering of buyers** (priority) will determine how to order the bids. Bids can either be ordered by bidding time and price, or by the requested quantity.

In addition to these configuration options, changes have been made to the existing bidding info widget. When using multi-transaction, all validated buyers will be highlighted differently from non-validated buyers. The existing bidding info report has also been updated in order to display all buying intentions. This is a helpful report (tool) for analysing and checking validations. In cases of dispute, this report can be used as evidence.

If multiple transactions are created during validation, all these transactions will be added to the transaction widget at the same time.

The multi-transaction feature is also compatible with our existing CTIF gallery. The middleware (ARDS software) supports the multi-transaction functionality, allowing both local and remote buyers to be validated at the same time.

Below you will find an example of the bidding info report.

The screenshot shows the 'Reporting' section of the KOSMOS application. The main content is a 'Bid monitor' report for salesdate 2024-08-14. The report includes the following details:

- Clock: **Klok 1**
- Tr-Number: **1**
- Lot Number: **0**
- Clock speed: **18.18**
- Min. price: **0**
- Start pos.: **12**
- Restart to: **0.12**
- Coin code: **0.01**
- Min Amount: **0**
- Max Amount: **0**
- Multiplier: **0**
- Preset: **5.000000**

Below the details, there is a table with the following columns: Users, Buyers, Reception Order, Bidding Order, Difference, Delta, Clock Steps, Restart Steps, Prebid, Requested Amount, Clock Price, and Buy Intention Price.

Users	Buyers	Reception Order	Bidding Order	Difference	Delta	Clock Steps	Restart Steps	Prebid	Requested Amount	Clock Price	Buy Intention Price
SupportVOV@	50164	1	1	108	1108	30	20	0	1	0.22	0.22
support@aucxi	50091	2	2	108	1108	30	20	0	1	0.22	0.22

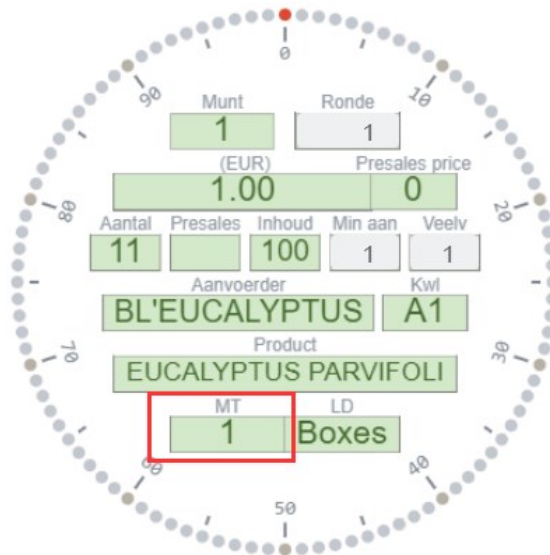
Additional information from the report:

- After scan timer start: 09:57:58.37
- After scan timer stop: 09:57:59.95

The interface also features a sidebar with navigation options like 'User & role management', 'Buyer management', and 'Reporting roles'. On the right, there is a 'Bid-monitor per clockstop' control panel with dropdown menus for 'Clock', 'Salesdate', and 'Buyer', and buttons for '+ SAVE AS' and '= RUN'.

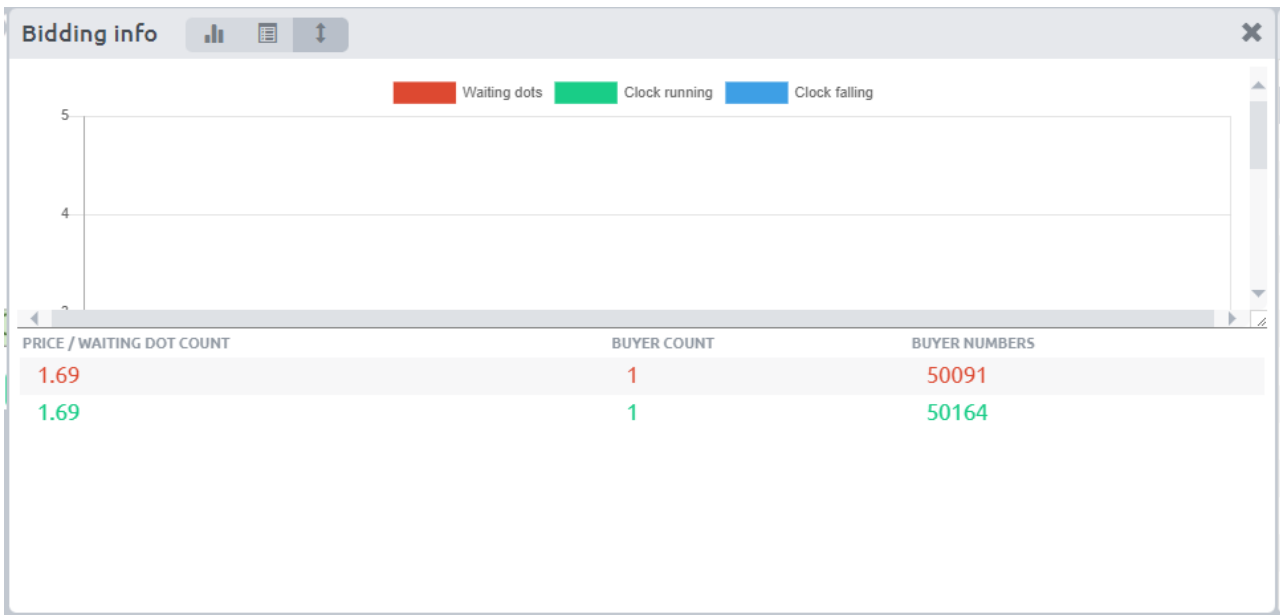
### 3.1 Auctioneer

The auctioneer application has also been extended with additional information and features related to the multi-transaction feature. In the clock face, it is possible to display the number of validated buyers (MT buyers). See screenshot below for an example.

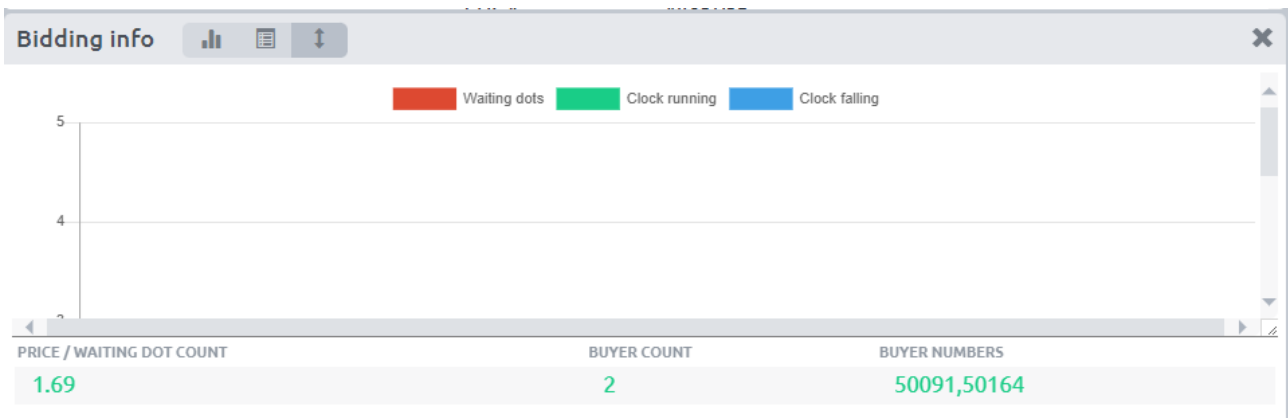


In addition to the number of validated buyers, the current “Bidding info widget” has been extended with additional information about the multi-transaction. The bidding info widget will display all validated buyers, as well as the buyers who made a bid in the post-scanning but could not be validated. This provides a lot of information to the auctioneer.

In the example below, you can see that one buyer (50164) is validated, while another buyer (50091) is not validated. Validated and non-validated buyers are highlighted in green and red, to make a clear distinction for the auctioneer. The reason why the 2<sup>nd</sup> buyer, who made a bid in the allowed “post scanning” period, was not validated is because the maximum number of allowed MT buyers is set to one. So only one buyer is validated per transaction.



In the following example, the maximum number of MT buyers is set to two, allowing two buyers to be validated at the same time. In the screenshot below, you can see the two buyers (50091, 50164) who made a bid and were both validated (highlighted in green).



## 4 General Product improvements

### 4.1 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.

### 4.2 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 reduce the amount of "data" stored in lookup tables in KOSMOS, we have introduced the support of 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 24.2 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.

## 5 KOSMOS 24.3

---

Our future KOSMOS version, **KOSMOS 24.3** will include 2 new features especially for remote buyers. Buyers will be able to send a request to **delete a certain transaction**, allowing them to make this request without having to “stop” or delay the auction. They are able to send a request and it is up to the auctioneer to handle this request. Additionally, extra configuration options will be introduced for the **buy popup**. Currently, the buy popup always suggests the remaining or available amount. In the future, it will be possible to suggest the minimum amount.