KOSMOS
Your digital trading platform in the cloud!

For more than 40 years, Aucxis has developed auction technology for more than 150 sales organisations all over the world. As a world market leader in E-Trade solutions, we identified our customers' changing needs due to the digital (r)evolution.

In order to meet the market demand, we were looking for a solution with a strong emphasis **on centralised, online tools for buyers and sellers**. The current auction room systems require a lot of hardware and software on the auction site, while users want to be able to work more flexibly and independently.

After extensive research, KOSMOS was born, a standard, web-based trading and information platform. This innovative solution enables buyers **to buy via a standard PC or mobile via tablet or smartphone.**

The information portal offers the **required personal and general reports to the different user groups.**

Today, over 20 auction markets have already adopted KOSMOS to sell their products.

> "
> The KOSMOS trading platform enables you to keep pace with the rapidly evolving digitalisation and the opportunities and needs that arise from it.

Patrick Bauwens, Business Unit Manager
E-Trade & Process Control

KOSMOS

Your digital trading platform in the cloud!

KOSMOS is the REAL-TIME, WEB-BASED TRADING AND INFORMATION PLATFORM centralising all functionalities of supply, sales and after-sales in an extremely efficient software package in the cloud. Suppliers, buyers, sellers and other users connect by using their PC, tablet or smartphone.
No installation of software programmes is required!

Independent use

All functions are available to organise an auction. Different selling methods are offered. Depending on the auction market's working method, Aucxis configures the software, e.g. the number of (simultaneous) sales, product description, product locations, reports, the number of auctions that commercially cooperates (cluster) where applicable, etc. The administrator defines the different users and their rights and roles. Every auction or cluster determines for itself how many fields are needed to describe its product (size, class etc.) and builds up its own catalogues. The layout of the buyer/auctioneer screen and the supply and transaction tickets is determined at the start of the project. The buyer and auctioneer can further personalise their screen layout at a later time.

Adaptable web platform

The web application contains more than only selling or auctioning. Through the information portal, buyers and sellers can also request general statistics or personal information based on the saved transactions. Furthermore, there is a continuous data synchronisation between KOSMOS and the administrative package of the auction, if applicable. For this purpose, one can use the customised interface. Auctions which do not have an administrative package can use the available import/export functions.

Software architecture

KOSMOS has been developed in .NET and has an MS-SQL database. We offer a guaranteed functioning and support when opening the web application via Google Chrome. For users who want to work independently from a PC-based browser, there is the KOSMOS app.
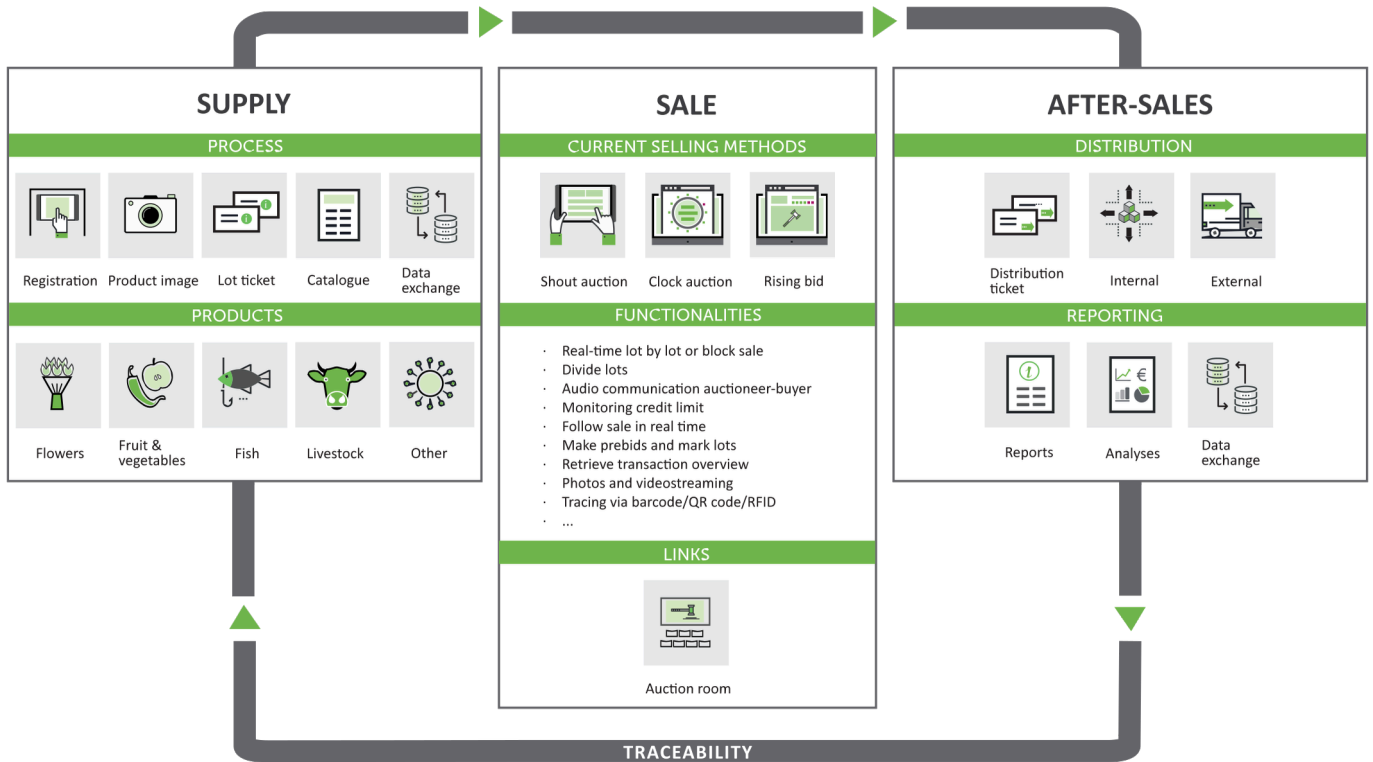
Preservation of existing auction infrastructure

KOSMOS can be seamlessly linked to the existing Aucxis auction infrastructure (computerised auction room, Moby-Clock,...) or to new electronics integrated in the buyer desks.

Continuous development

KOSMOS evolves together with the market's and its users' needs. The KOSMOS evolution programme includes, among others, bug fixing, software updates and functionalities at the request of the market. Aucxis' objective is to roll out several upgrades per year. Customers are requested to update their KOSMOS software to the latest version at least once a year.

Limited basic investment

KOSMOS is offered to you in the form of a SAAS licence (Software As A Service). Therefore, you do not need to invest in complex IT infrastructure! We take away all your worries and offer all services: installation, configuration, training and support. The licence, which is invoiced quarterly, also includes the KOSMOS evolution programme and a 24-hour support service.

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Digital Trading Platform

≡AUCXIS
E-TRADE SYSTEMS

SUPPLY

PROCESS

Registration	Product image	Lot ticket	Catalogue	Data exchange

PRODUCTS

Flowers	Fruit & vegetables	Fish	Livestock	Other

SALE

CURRENT SELLING METHODS

Shout auction	Clock auction	Rising bid

FUNCTIONALITIES

- Real-time lot by lot or block sale
- Divide lots
- Audio communication auctioneer-buyer
- Monitoring credit limit
- Follow sale in real time
- Make prebids and mark lots
- Retrieve transaction overview
- Photos and videostreaming
- Tracing via barcode/QR code/RFID
- ...

LINKS

Auction room

AFTER-SALES

DISTRIBUTION

Distribution ticket	Internal	External

REPORTING

Reports	Analyses	Data exchange

TRACEABILITY

🌳 KOSMOS

- Independent
- Generic user-friendly
- Flexible
- Easy extendible
- GDPR-compliant
- Stand-alone auction or cluster
- Regular updates
- Multilingual
- 24-hour support
- Currency converter (via ECB)
- Following the internet security guidelines of OWASP

☁ CLOUD

- Microsoft Azure Cloud Services (worldwide data centres)
- Always accessible everywhere
- 24-hour support
- Limited basic investment
- 100% replicated KOSMOS platform in Amazon cloud offering 99,99% availability

📦 FORMULA

KOSMOS GO
Standard version of the KOSMOS package.
Fast rollout possible.

KOSMOS GO PLUS
Standard version of the KOSMOS package.
Extra: adaptations in function of the link with the back office package or other software packages of the customer. A fast roll-out is possible since such adjustments are not related to the development of new KOSMOS software releases.

KOSMOS FLEX
Customised KOSMOS package.
The customer's needs and the related adjustments to the KOSMOS package are determined in a GAP/FIT analysis. On this basis, a quotation is drawn up.
The customer can opt for a KOSMOS try-out period of 6 months during which all stakeholders can organise their own tests and demos. This phase can bring out extra desired features or necessary adjustments and the quotation is finalised accordingly.

AUCTION EMPLOYEE'S functionalities

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Digital Trading Platform

Management of the platform

- Process new user applications
- Define
  - suppliers
  - buyers and sub-buyers
  - auctions, product locations, product zones, packing types
  - ticket printers
  - price ranges and currency codes
- Enter product and master data
- Define user rights
- Touch screen mode for supply input
- Define credit limits per buyer
- Interface with Aucxis auction room
- Automatic import of exchange rates
- Calculate additional cost for buyers for other currencies (functionality at cluster level)
- Create Power BI reports based on the KOSMOS report database
- Insight in internet quality of active users
- Licence management
- Privacy statement and general conditions
- Clock presales
- Multi-transaction auctions
- Activation of multitransaction auctions
- Program keys with purchase quantities
- Define minimum and maximum purchase quantities
- Extension of blocking purchases (extra level)
- Clock video streaming
- Load balancing adapting the system to the number of simultaneous KOSMOS users
- Multi-factor identification

Preparation of the sale

- Enter supply expectations
- Register or import supply
- Option: connection with balance
- Print supply tickets per lot
- Define sales order
- Show product photos or stream videos
- Request statistics/reports
- Manage news items to buyers
- Automate maintenance of package and files
- Trace products via barcode, QR code and/or RFID

Lot editor

Lot editor: detail

AUCTIONEER'S functionalities

- Define minimum prices
- Set starting price (automatic and/or manual)
- Auction launch
- Snap (security against a too low starting price)
- Create transactions without clock launch
- Insight into average price and trend
- Insight into highest prebid per lot
- Audio connection with buyer
- Manage the buyer audio request
- Transaction buffer for correcting any errors
- Print transaction tickets during the sale at locations concerned
- Consult reports
- Create real-time and predefined (pause) messages
- Transaction registration module
- Video streaming widget
- Modify minimum and maximum purchase quantities during the sale

Organisation of the sale

- Send supply forecast to buyers by e-mail
- Build up catalogue
- Define sales order
- Select selling method
- Sale by block or by lot
- Sale per unit or per weight
- Set minimum prices Insight in preloaded products for sale

Clock settings

Edit clock   ✕

Name: *	Clock 1 - Dutch auction
Auction: *	Fish Auction
Catalog: *	Supplycatalog

| Mode | Transactions | Audio | Network | Settings | Pause messages |

Show only transactions in buffer: ☐

Visible transactions: 20

Buyer "Minimum price": * Select...

Buyer "not sold": * Select...

Show transactions:
- ◯ Transactions main buyer
- ● All transactions
- ◯ Own pressed transactions

SAVE   CANCEL

Clock settings

Edit clock   ✕

Name: *	Clock 1 - Dutch auction
Auction: *	Fish Auction
Catalog: *	Supplycatalog

| Mode | Transactions | Audio | Network | Settings | Pause messages |

Mask dot position on buy intention: ☐

Ticket printer: ☑

Credit limit verification: ☐

Gallery seat number: ☐

Buyer number: ☑

Product clock: ☑

Lots divisible: ☑

Auto-validate buyer choice: ☐

BUYER'S functionalities

Preparation and buying

- Personalise buying screen layout
- Consult supply forecast
- Consult catalogue
- Consult supply matrix
- Watch product photos and/or video streams
- Mark favourite lots
- Make prebids prior to sale on specific lots or products
- Make prebids during turning of the clock
- Check packaging types available per lot
- Create and manage your shopping list
- Follow live auction
- Credit overview
- Transaction overview
- Audio connection with auctioneer when making transactions
- Pop-up for processing sales transactions (if no audio connection auctioneer-buyer available)
- Define up to 2 'My price' fields
- Indication of price trends
- Audio request to auctioneer
- Video streaming widget per clock
- Make purchases using predefined quantity keys
- Receive notifications

Consult reports

- (Historical) transaction overview
- (Historical) overview of average prices of each agreed product category
- Other requested statistics
- Automatic e-mail or SMS of sales results

Buyer screen

SUPPLIER'S functionalities

Supply, follow, consult

- Communicate supply forecast
- Request prices of own supply
- Follow sale
- General reports
- Personal (historical) reports
- Video streaming widget per clock

Buyer pre-bid screen

Supply monitor

Digital Trading Platform

KOSMOS APP
functionalities

The KOSMOS app is a user-friendly tool for the mobile buyer and is usable for Apple iOS and Android.
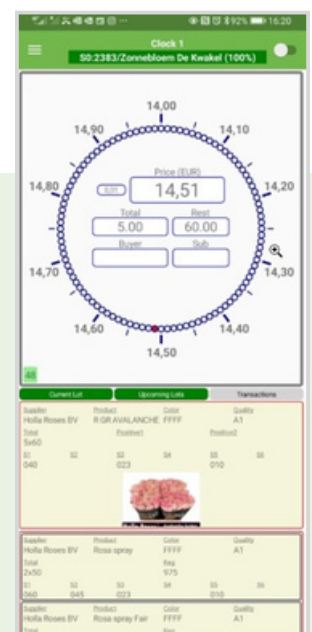
Functionalities

- Personal login
- Personal settings and preferences
- Homepage with overview of the sales data of the last auction
- Access to one or several clocks (falling and/or rising price)
  - Buy on a clock
  - Information of current lot and next lots
  - Transaction overview
- Make prebids and mark lots
- Convenient switching between the available clocks
- Visualise 'My clock price' with underlying formula, e.g. currency conversion
- View supply forecast
- Create shopping list

- Credit control
- Request reports
- Request invoices in pdf
- Messages and notifications
- Audio between winning buyer and auctioneer
- Consult supply matrix

Curious to find out how the app works?

Watch our demonstration video!

SELLING METHODS

Today KOSMOS offers the following realtime lot by lot selling methods:

- Realtime registration of the transactions during a shout auction
- Falling price (Dutch auction)
- Rising price
- Combination of falling and rising price
- Rising bid

Integrate your selling method in the KOSMOS platform?

Read our project approach on the website and find out the different steps we take to guide your KOSMOS project, in close consultation with your project team, to a successful end result.

aucxis.com

SATISFIED CUSTOMERS

KOSMOS has potentially put Brixham years ahead of its competitors in becoming the leading fish market in England.

Barry Young
Managing Director
Brixham Trawler Agents
United Kingdom

The Aucxis KOSMOS platform has empowered the Nairobi Coffee Exchange with a cutting-edge solution that is revolutionising coffee trading. By seamlessly connecting suppliers with buyers, it ensures secure, competitive pricing and smooth transactions—all from the comfort of your location.

Lisper Ndung'u
Chief Executive Officer
Nairobi Coffee Exchange
Kenya

The change from a traditional shout auction to KOSMOS at first seemed quite daunting. But with the expert guidance from Aucxis the smooth transition proved to be the best thing to happen to Newlyn fish market in recent years.

Ian Oliver
Market Manager
W. Stevenson & Sons Newlyn
United Kingdom

Today, with KOSMOS, we have the most advanced bidding system in China, enhancing the core competitiveness of Dounan Flower E-Trade Center.

Mr. Zou
IT Manager
Yunnan Dounan Flower Industry
Group, China

Expert in business automation

With more than 40 years of international experience, Aucxis' E-TRADE department offers high-quality technological systems for streamlining the sales processes of mainly agricultural products (fish, fruit, vegetables, flowers, coffee, ...).

Our solutions include among others computerised auction rooms, mobile auction systems and the KOSMOS trading and information platform in the cloud.

Contact our experts!

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