

All Categories ▾

Type to search

🏠 / Construction Equipment

CONSTRUCTION EQUIPMENT

Plant project coming up? From excavators and dumpers to telescopic handlers and loaders, we have a wide range of machinery for sale from leading sellers in UK and around the world. Browse the listings to find the machine you need for your project. If you don't see what you want, [click here](#) to [submit a want ad](#), and we'll send it to machinery sellers advertising in Mascus.

EXCAVATORS

(40,918)



TELESCOPIC HANDLERS

(6,811)



BACKHOES

(2,850)



AERIAL PLATFORMS

(14,731)



DUMPERS

(5,941)



UNDERGROUND MINING EQUIPMENT

(376)



WASTE / RECYCLING QUARRY EQUIPMENT

(8,191)



ArtSoft

— consult —

The Art of Software Development

Global leading online marketplace for used heavy machinery

Key Information



Industry:

Marketplaces for used heavy machinery



Project duration:

15 years (Ongoing)



Team Size:

13 specialists



Technologies:

- ASP.Net Core / MVC / WebForms, React, HTML, CSS
- LESS, jQuery, Bootstrap, Exalead, SQL Server, etc.



Services:

- Analysis
- Architecture and software design
- Back-end and front-end software development
- Database management
- User testing
- Deployment
- Security auditing and compliance
- Mobile app development
- Technical support and maintenance
- Digital marketing services & support

Highlights

- The platform is a leading global online marketplace for used heavy machinery, featuring hundreds of thousands of items ranging from various industrial sectors such as construction, transportation, agriculture, material handling, groundscafe and forestry.
- With a presence in more than 58 countries and available in 42 languages, the platform ensures a truly international buying and selling experience, connecting users from different parts of the world.
- Offering multiple service solutions, customized based on its clients' needs, such as inventory management systems, webshops, integration tools with other platforms, email offer tools, customized leaflets, price indicators, custom mobile apps, reporting tools and many more.

Product Overview

Over the past few years, the ArtSoft Consult team has been involved in numerous major client projects aimed at elevating the platform to a new level. Today, it functions as a Platform as a Service (PaaS), enabling the creation of customized solutions tailored specifically to meet the needs of its end-clients.

This transformation has positioned the platform not just as a marketplace but as a comprehensive service provider, offering unique, client-centric applications and services.



Requirements

The client requested a platform capable of creating webshops or inventory management systems (IMS) for its dealers, each tailored to their specific requirements.

The inventory management system (IMS) needed the ability to import/export data from various platforms and to configure customized workflows for each dealer. It was also essential for items to be able to be published on different sales channels and platforms and for the system to integrate complex organizational hierarchies with roles that could be configured according to each organization's needs.

Our added value

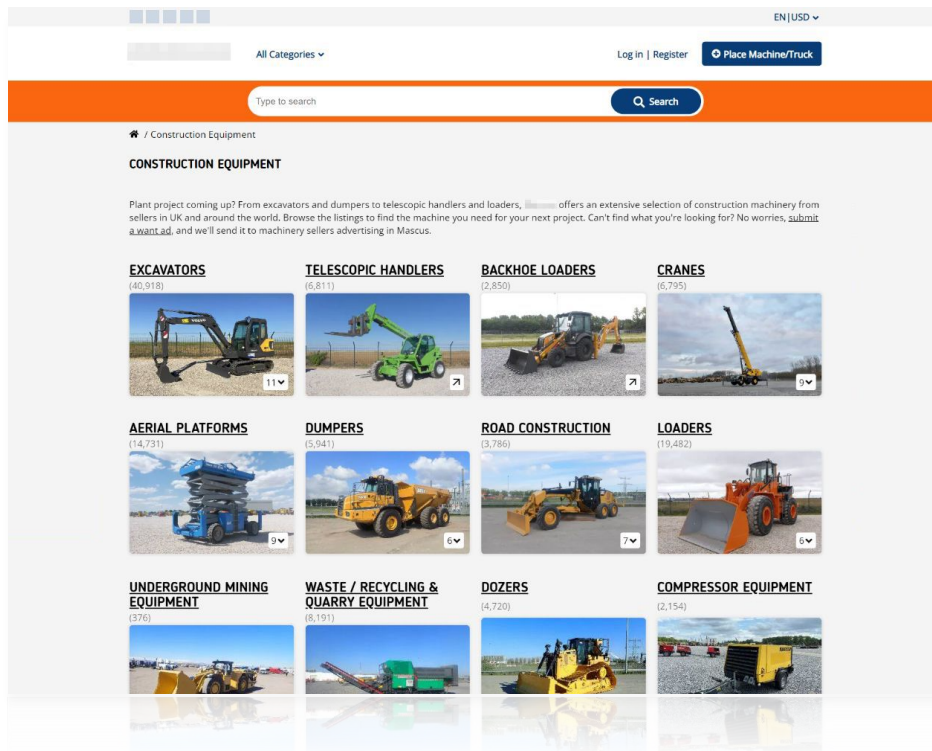
- Building a PaaS to allow creation of custom web-shops and inventory management systems (IMS) for its dealers
- Integrate all kind of tools with the IMS (e-mail tool, PDF publisher, etc.)
- Connecting the IMS with other platforms and services
- Building custom mobile apps
- Developing new features
- Maintenance of the main platform

Challenges

A major challenge was to build a core system that could be tailored, to fit the different needs of clients who manage their data in various ways. We had to make sure each part of the system is robustly built and could be easily changed, aiming for a setup that could be adjusted or expanded based on the different needs of particular end-clients.

One example is the search feature that could be tweaked with various filters for each client's specific requirements. Another robust approach is designing a feature for showing machine listings, which could display different kinds of information depending on what each dealer client wants.

With this approach, we had to ensure all the features work well together. This emphasizes the complexity of the design of a system that can deal with large amount of data and to meet diverse needs.



Provided Solutions

The ArtSoft Consult team works closely not only with our client development team but also with professionals from other fields in the process of designing, developing, enhancing and maintaining dedicated solutions tailored to the needs of our client's end-customers.

Our partnership began when it was just a regional marketplace. Through the collaborative development of innovative solutions, the platform has evolved into a global leader in the market for used heavy machinery.

Here are some of the key solutions we've contributed to during our journey:

- Developing a feature that allows the marketplace to support multiple languages, making it accessible to users worldwide and enhancing its global reach.
- Integration of a real-time currency conversion system, allowing users to view prices and conduct transactions in their local currency.
- Incorporating various global payment gateways into the platform, ensuring secure and seamless financial transactions for users from different countries.
- Creating customizable dashboards for sellers, enabling them to manage their inventory, track sales, and analyze performance metrics tailored to their specific needs.
- To improve user experience, we implemented advanced search and filter options, making it easier for buyers to find products or services based on specific criteria such as location, price and ratings.
- Introducing automated solutions for calculating taxes and shipping costs, taking into account the varying regulations and costs in different countries.
- Designing the platform architecture to be highly scalable, ensuring it could handle increasing volumes of users and transactions without compromising performance.
- To protect user data and transactions, we implemented enhanced security measures, including encryption and secure APIs.

Provided Solutions

- Recognizing the importance of mobile users, we optimize the platform for mobile devices, providing a seamless experience for users accessing the marketplace on the go.
- To ensure full localization, the marketplace operates in 42 languages to offer a local experience no matter where the user is coming from.



Stock

25 Incoming 129 In stock 9 Hired 9 Reserved 11 Contract of Sale 3 Sold 4 Not For Sale

Search Form

Search terms Harvester head Manufacturing / Serial number Internal stock no.

Category A.L.L. Outlet Seller Country Austria Bulgaria Canada Czech Republic Denmark

Year of manufacture Brand Model Created (d/m/yyyy)

MIN - MAX

Modified (d/m/yyyy) Pictures Workflow status Availability Status

MIN - MAX Assets without images Not For Sale Incoming

Only assets with images For sale In stock

Sold Hired

Contract of sale

For sale on Schedule disposition (d/m/yyyy) Sold on (d/m/yyyy) Status

Manual MIN MIN Visible

Webshop - Not visible

Intranet MAX MAX

Pro Show only unscheduled

Search Save search

Showing assets 17 of 17 Sort by Published (Desc)

“ Client Words

“[...] I have had the pleasure to work close with many of the Artsoft Consult team and there are a lot of stars provided both in IT and also in Marketing. It has been a pleasure to work with Artsoft and you have been part of the success that we have created in our organization, growing from a small company into an international player in used equipment market. Continue the great work you have done [...]”

- Managing Director

“ArtSoft Consult's specialists have a self-guided, proactive attitude. We, on the customer side, always have the feeling that we are working with our own people even though they are contracted.”

- IT Manager

The screenshot shows the ArtSoft Consult website interface. At the top, there are navigation links for 'USED EQUIPMENT', 'FIND DEALERS', 'BLOG', and 'RENTALS'. A search bar is located on the right. Below the navigation, there are filters for 'MODEL', 'CATEGORY', 'PRICE (USD)', 'HOURS OF USE', 'YEAR', and 'MORE...'. The main content area displays '15,197 Search results for "Current filter"' and a list of equipment items for sale. Each item card includes a photo, model name, year, hours of use, and a 'See Details' button. The items listed are:

- CAT 904M (2020, 1,900 H)
- CAT M313D (2014, 9,355 H)
- CAT 30-47CR (2022, 1,200 H)
- CAT TH10HD (2019, 2,385 H)
- BOBCAT L185 AR11 (2017, 2,150 H)
- CAT 300-47CR (2019, 2,700 H)
- CAT 420-07 (2022, 950 H)
- CAT 300-45CR (2021, 1,250 H)

Let's get in touch

ArtSoft Consult is a trusted partner in the IT industry, providing tailored solutions to address your unique business challenges.

With our proven expertise our team delivers innovative solutions and development services.

Drawing from years of experience and industry insights, we deeply understand this industry and we look forward to working with your business.

For more details on our services and team, please [contact us](#).

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