

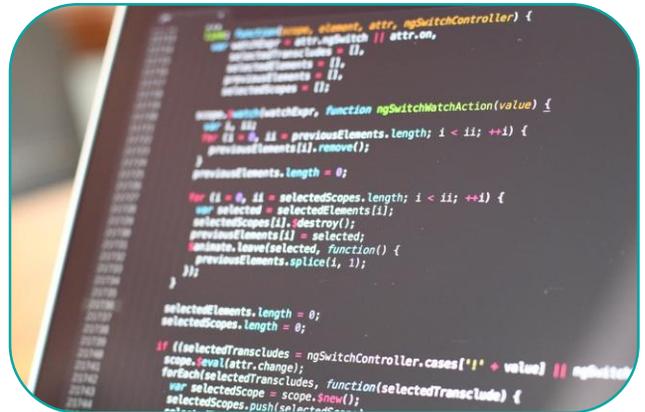
Bespoke Software Tools: Multi-Platform Applications Development



Having a software tool that is tailored to your specific business needs will ensure a cost-effective solution in the long term; you will be investing in the future of your organization. The ADAS in-house team of software developers will help you to build a tool that will help your organization stand out from the crowd and to engage more effectively with your customers.

Key drivers for clients to develop bespoke software

- ✓ Specific business needs
- ✓ Customize user interface design
- ✓ Security best practices
- ✓ Easy to scale software
- ✓ Increased operational efficiency and enhanced productivity
- ✓ Engage with customers or end users



What do we mean by bespoke software tools?

Bespoke software is a product developed especially for your organization. As the software is designed and built following your requirements, the software can be built to run in your local desktop, or in the cloud, so it can be accessed from anywhere. Bespoke software will automate complex systems, making them simple to use and maintain no matter where you are. In addition, you will not need to pay for unnecessary functions as the software will be based on bespoke features that you have requested.

Why choose bespoke software services over off-the-shelf software?

Often generic software solutions, or off-the-shelf software, will not allow you to perform all the tasks that your organization and clients need, and there is a gap between business demands and readily available software solutions. Bespoke software will give you an advantage over your competitors as they will not be able to replicate your functionality. Unlike generic software, a bespoke tool gives you the total control of each feature and their development priority. Bespoke software will grow with your organization and your initial investment will pay off, as the software will be owned by your organization, negating the need for monthly payments.

Benefits of working with ADAS

Whole Project Lifecycle | From inception to deployment and support of the software tool, ADAS works with clients to find the best and most effective way to deliver solutions. We take time to understand your requirements and work to ensure the tool that we develop meets your needs and that of your users.

Coding Standards | ADAS ensures that the code conforms to the latest industry quality standards. Clear and readable code will ensure that future developers would be able to change and adapt where necessary.

Wide range of platforms | ADAS develops on the platform that best suits our client's needs. We can offer everything from self-hosting solutions to stand-alone tools. ADAS can also produce Docker containers that can be deployed in Cloud systems like Azure.

CI/CD | Releasing new features is important to keep customers engaged. ADAS applies the principles of Continuous Integration (CI) and Continuous Delivery (CD), improving the release process of new functionalities.

For more information please contact: Antonio.calatayud@adas.co.uk

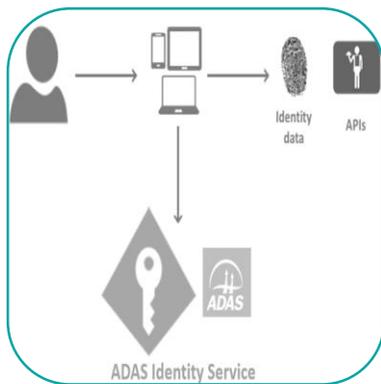
“ADAS have helped us to build a custom tool that is saving us hundreds of manual working hours every month with just one single click”



IPM Decisions

- ✓ Web API Development
- ✓ Microservice architecture
- ✓ CI/CD with Docker Containers

ADAS has been leading the development of a platform that will allow users from the whole of Europe to monitor and manage pests. The development of bespoke web APIs using cutting edge open-source technologies has allowed implementing CI/CD using Docker. Using these technologies allows ADAS to implement new features in the client’s system in less than 5 minutes!



ADAS Identity Service

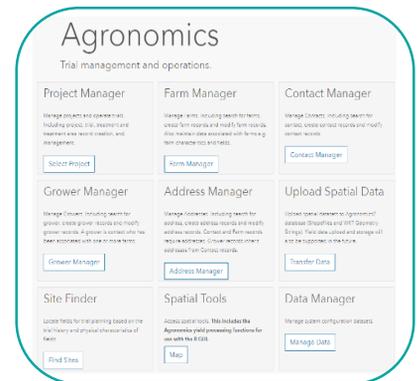
- ✓ Centralized identification database
- ✓ Securing our services
- ✓ Saving time for our users

Many users accessing ADAS’ services historically had to create an account for each service. ADAS identified the need to improve users’ experience and designed and built a service where users can share log in details across different ADAS services. The service produces unique tokens that are consumed and validated by each service. This service can be implemented in your organization too.

Agronomics Portal

- ✓ Management of field trials and operations
- ✓ Encourage networking and data sharing
- ✓ Analysis tools including yield processing functions

ADAS recognises the power of working with farmers and with precision technologies to establish spatial experiments to answer questions relevant on-farm. Agronomics is developing the techniques, equipment, protocols, statistics, data processing, informatics, software, website and research infrastructure required to support agronomic trials.



MANNER / PLANET

- ✓ Farm scale planning and decision support tools
- ✓ Optimise nutrient management while minimising pollution
- ✓ Statutory application for NVZ areas

The two systems aim to allow land managers to adopt best management practices in the use of fertilisers and manures. Where MANNER calculates the effects of manure applications for a single field, PLANET incorporates planning tools for the whole farm, and takes account the NVZ rules for statutory compliance.