



# Your technical partner

for end-to-end custom software solutions

[assist-software.net](https://assist-software.net)



# ASSIST Software is your nearshore software partner

From idea to market, take advantage of our highly creative teams and get your custom software solution built whether it's for web, mobile or cloud.



**1<sup>st</sup>** Place  
**Business Excellence Awards 2022**  
Research and Development



**Excellence Award for 30 Years of Activity**



**2<sup>nd</sup>** Place  
**Best National Companies 2022**  
Research, Development and High Tech



**ASSIST IN NUMBERS**

 Suceava, Romania, Europe

**30**

YEARS

**300**

CLIENTS

**25+**

COUNTRIES

**350+**

ENGINEERS

## WHY ASSIST?



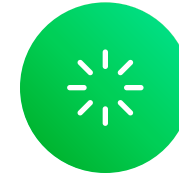
### Innovation

Innovation is our core value. We are eager to work with partners who share this mission.



### Always Reliable

30 years of experience in the software industry. Multiple successful partnerships, with many ongoing after 6+ years. 94% employee retention rate in 2022.



### Cultural Fit

Based on our experience in working with US and European companies, our cultural and professional habits fit well together.



### Ownership

We take ownership over projects, sharing responsibility towards a successful delivery. We are proactive and solution oriented.



**We always  
deliver on time!**

# Expertise

\* Non-Exhaustive

## Application Engineering

- Java, Scala, .Net, .Net Core, Python, JavaScript, PHP, Ruby, C++, Swift, Kotlin
- React, Angular, PWA, Flutter, Android, iOS
- Mobile, Web, Desktop, Front-end, Back-end, 3D Applications

## Web 3 & Metaverse

- Unreal Engine , Unity3D Engine, VBS3 Engine, Interactive Devices
- Oculus, HTC Vive, HoloLens, ZBrush, Substance Painter, Motion Builder
- Blockchain, DLT, Smart Contracts, Ethereum, Solidity, NFTs

## Cloud Engineering

- DevOps, SecOps, MLOps
- AWS, Azure, Google Cloud
- Kubernetes, Docker, Serverless, Jenkins, SonarQube

## Quality Management

- Test strategy, Acceptance criteria, Automation Testing
- Cypress, Selenium, Cucumber, Jenkins
- TestRail, Jira, SonarQube
- Unit Testing, Security Testing, Load Testing

## Product Design

- Business Analysis, Software Specifications, Acceptance Criteria
- User Research, UI/UX Design, Prototyping
- Branding, Design Systems

## Machine Learning

- TensorFlow, IBM Watson
- Supervised Learning, Unsupervised Learning, Neural Networks
- NLP, Computer Vision, OCR
- Data Science, Data Warehouses, Big Data, Snowflake

# Available Collaboration Models

## Project-based

- Clear requirements
- Dynamic scaling of team
- Self-managed
- Cost per project

## Dedicated Team

- Fixed Team
- Product Owner
- Self-managed
- Milestone-based cost

## Team Augmentation

- Mixed teams
- Shared tools
- Joint ceremonies
- Time/Material



# Innovative Minds

Innovation is in our DNA. R&D projects in Machine Learning, AI Systems, Blockchain, Web 3.0, Metaverse



RESEARCH AND EDUCATION PROJECTS

We have an internal R&D department which can engage in researching solutions and testing their feasibility. We have established long-term partnerships with 150 European companies, universities and research centres (i.e. TWI, University of Heidelberg, REWE Group, SINTEF, etc. ) and have participated as a technical partner in over 25 EU-funded projects.



Counter



Industry **Security**  
EU-Funding **H2020**

ASSIST Software is the lead technical partner and project coordinator for the Counter solution which aims to employ a combination of dynamic and static data sources to provide an X-Ray of potential radicalization and terrorism hubs.



BladeSave



Industry **Energy**  
EU-Funding **H2020**

ASSIST Software is involved in the development of the communication system and the pre-processing of data to perform system trials, the software fine-tuning and system demonstrations.



Aspire



Industry **oil**  
EU-Funding **H2020**

ASSIST Software contributed to the delivery of the final commercial system of this Horizon 2020 project by leading the elaborate testing and debugging of the enhanced software and ensuring certification according to TickIT plus.

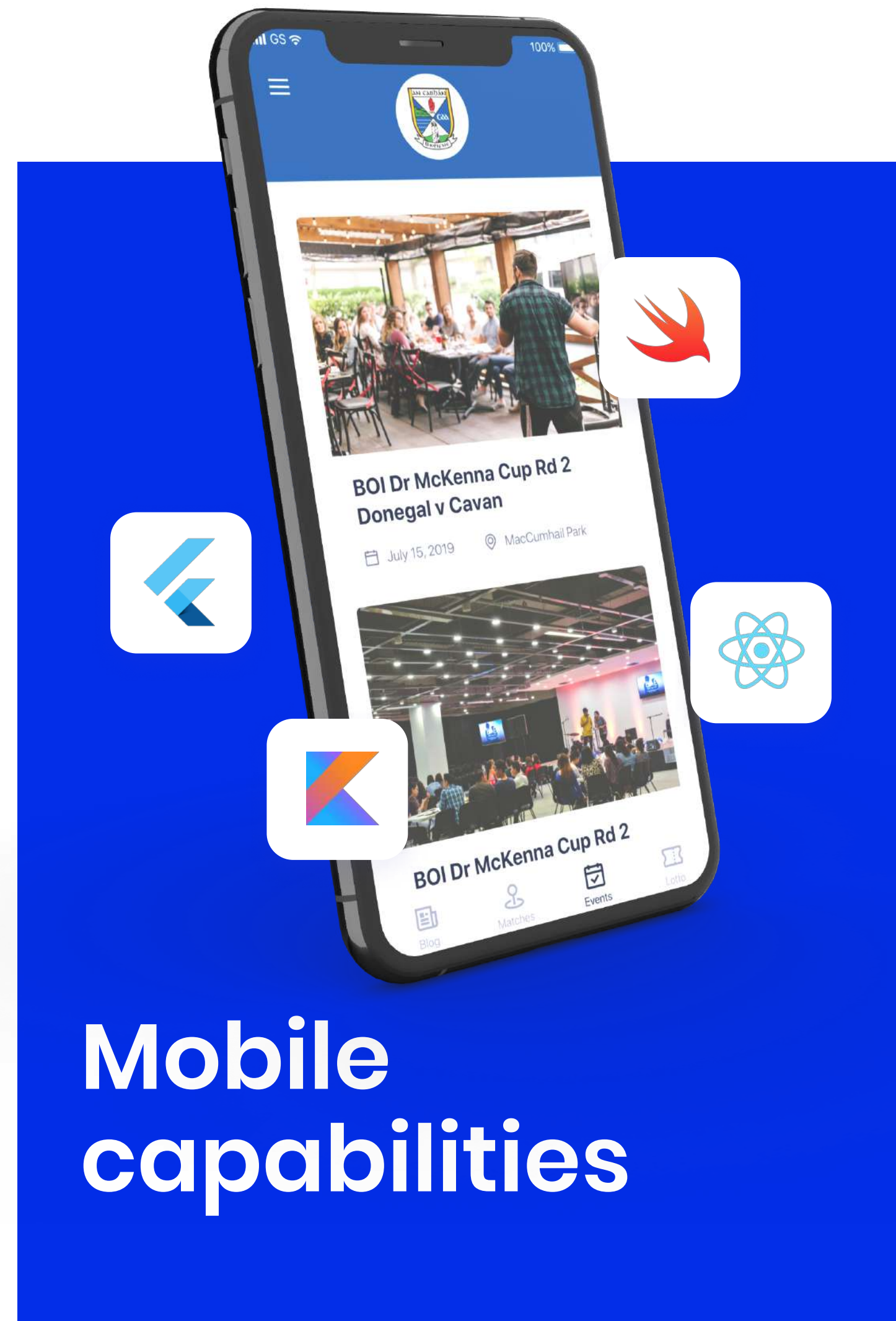


Valumics



Industry **Food**  
EU-Funding **H2020**

ASSIST Software is a technical partner in this consortium and is currently developing the agent based modelling software that aims to simulate various use cases in the food value chain.



## Native Applications

We build beautiful applications for both iOS and Android using Kotlin, Java, Swift and Objective C. We believe apps should be fast, aesthetically pleasing, easy to use and secure.

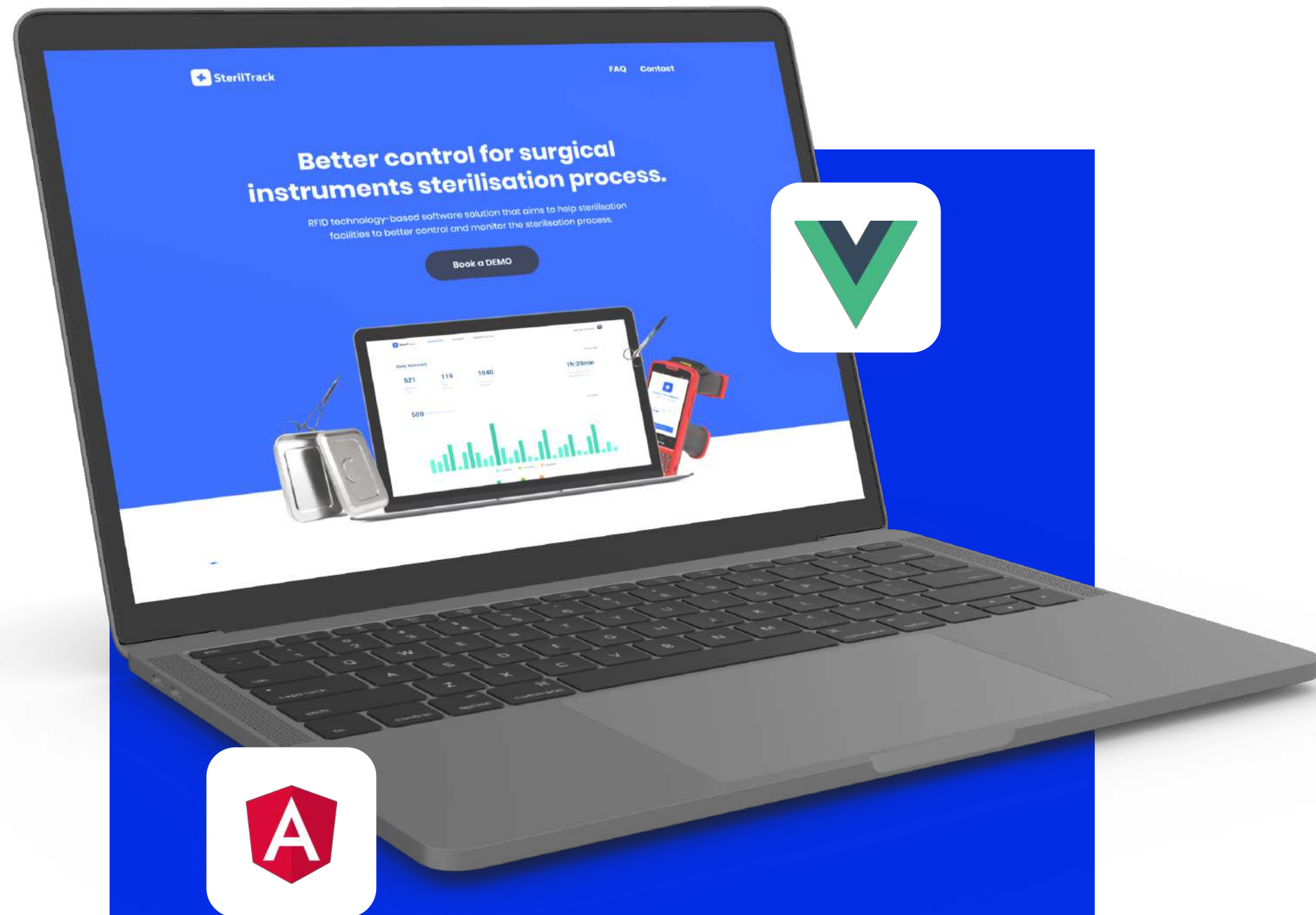
## Hybrid Applications

We build hybrid apps using React Native, Ionic and Flutter. We focus on time-to-market and cross-platform compatibility.

## Publishing

We use deployment tools such as Testfairy for regular staging demos and Fastlane for automated production publishing to stores. We monitor application health using Firebase Crashlytics.

## SKILLS & COMPETENCIES



# Frontend capabilities

## Mobile first

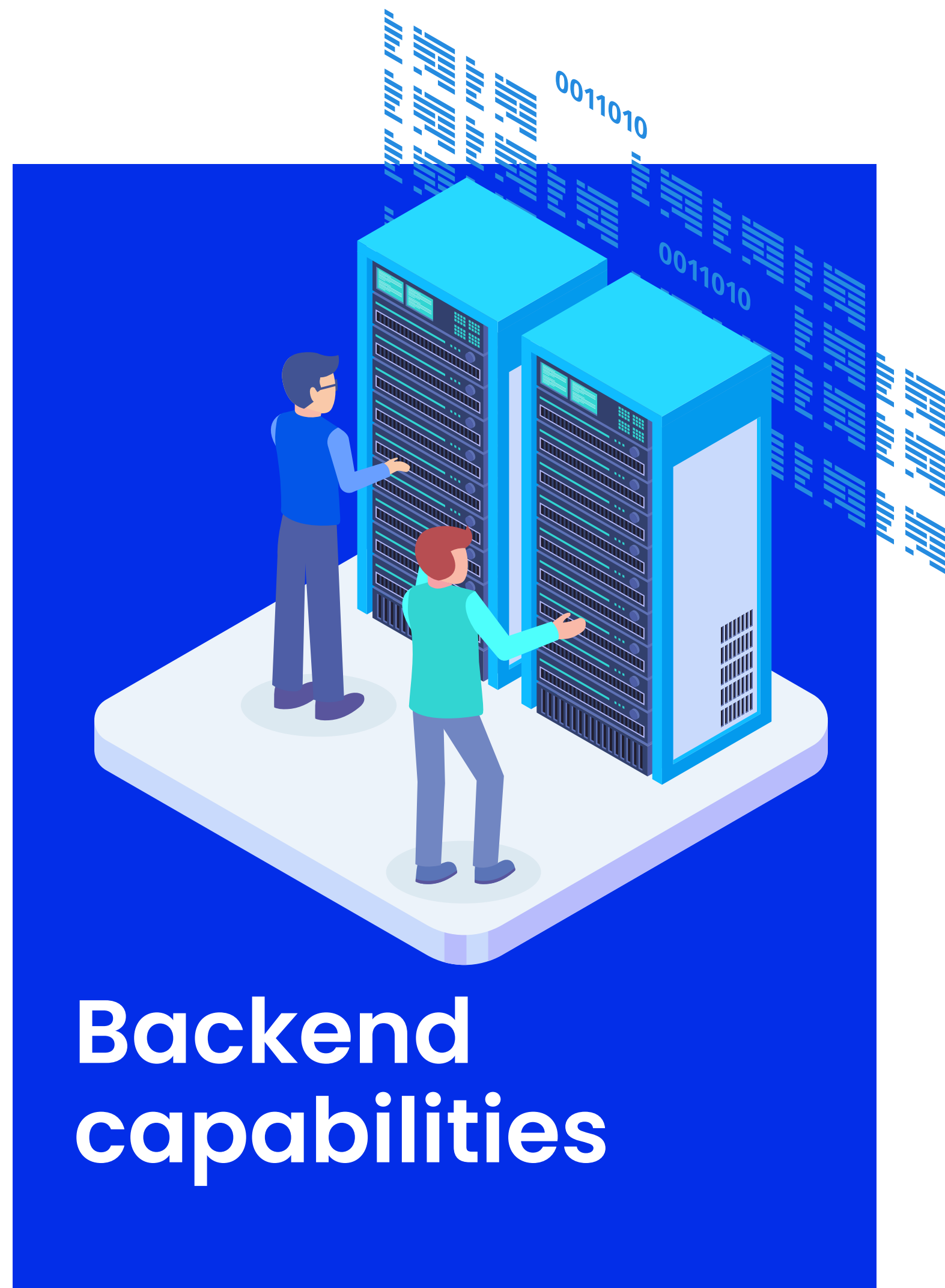
We love making beautiful responsive designs. We focus on usability, we measure click depth, we create custom UIs based on localization, we avoid redundant user actions, etc.

## Performance / Quality

We measure app performance. We use lazy-loading, compressed assets, CDNs, etc. We make sure to use local storage for offline use. We encrypt copyrighted or sensitive content. We avoid page refreshes. We use GraphQL in projects.

## Compliance

We make sure apps are compatible with multiple browsers, OSs and a variety of devices. We implement advanced accesibility features. We ensure that we comply with GDPR, COPPA, HIPAA and other standards.



## Backend capabilities

### REST Frameworks

We have a preference for REST protocols. We build flexible architectures and we use Swagger for auto-generated documentation.

### Scalability

We employ best practices when it comes to scalability. We optimize resource consumption and we have good experience in working with large databases and datasets. We perform stress tests and we scan for bottlenecks.

### Microservices

We have experience in architecting, building and managing complex applications with up to 45 microservices. We love using Lambda functions whenever it makes sense.



**Cloud/ DevOps  
capabilities**

## **AWS, Azure, Google Cloud**

We have extensive experience in using the AWS and Azure ecosystems including IoT platforms. We have designed and built multiple applications using these infrastructures and a large variety of services.

## **Dynamic/Static Code Analysis**

We use the latest automatic tools (such as SonarQube, Whitesource and BurpSuite) to continuously validate the implementation of security best practices in code.

## **Docker**

We love using Docker containers, often paired up with ECS Clusters or Kubernetes. We like using Atlassian Bamboo to manage our pipelines.

CERTIFICATIONS & PARTNERSHIPS



**ISO 27001**  
INFORMATION  
SECURITY

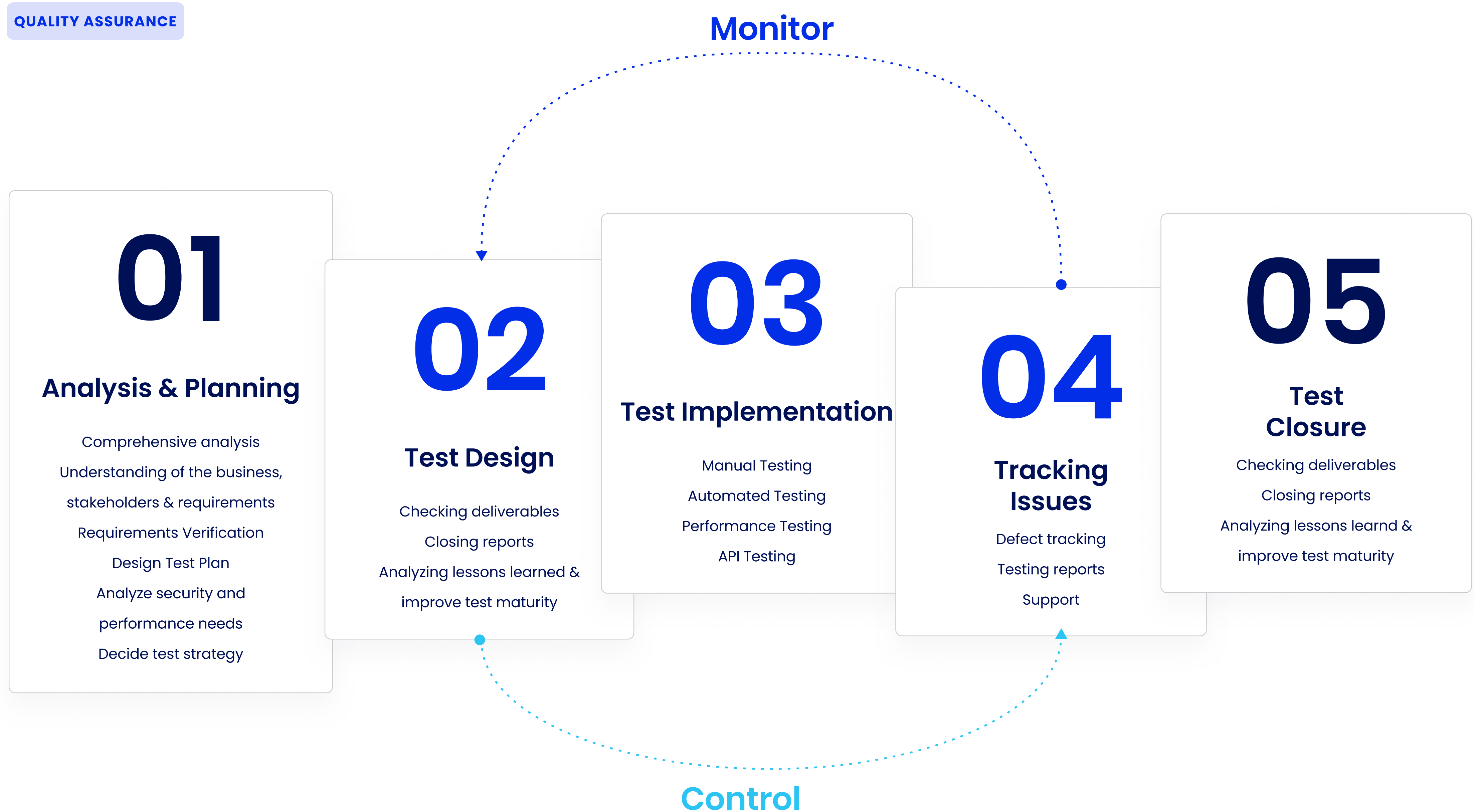


**ISO 9001**  
QUALITY  
MANAGEMENT



**ISO 14001**  
ENVIRONMENTAL  
MANAGEMENT





HOW WE WORK

# SCRUM METHODOLOGY

Many companies opt for methodologies that serve as allies in creating programs, applications or digital tools that enrich their work. We do this too.

Sprints • Backlog

Demos • Retrospectives



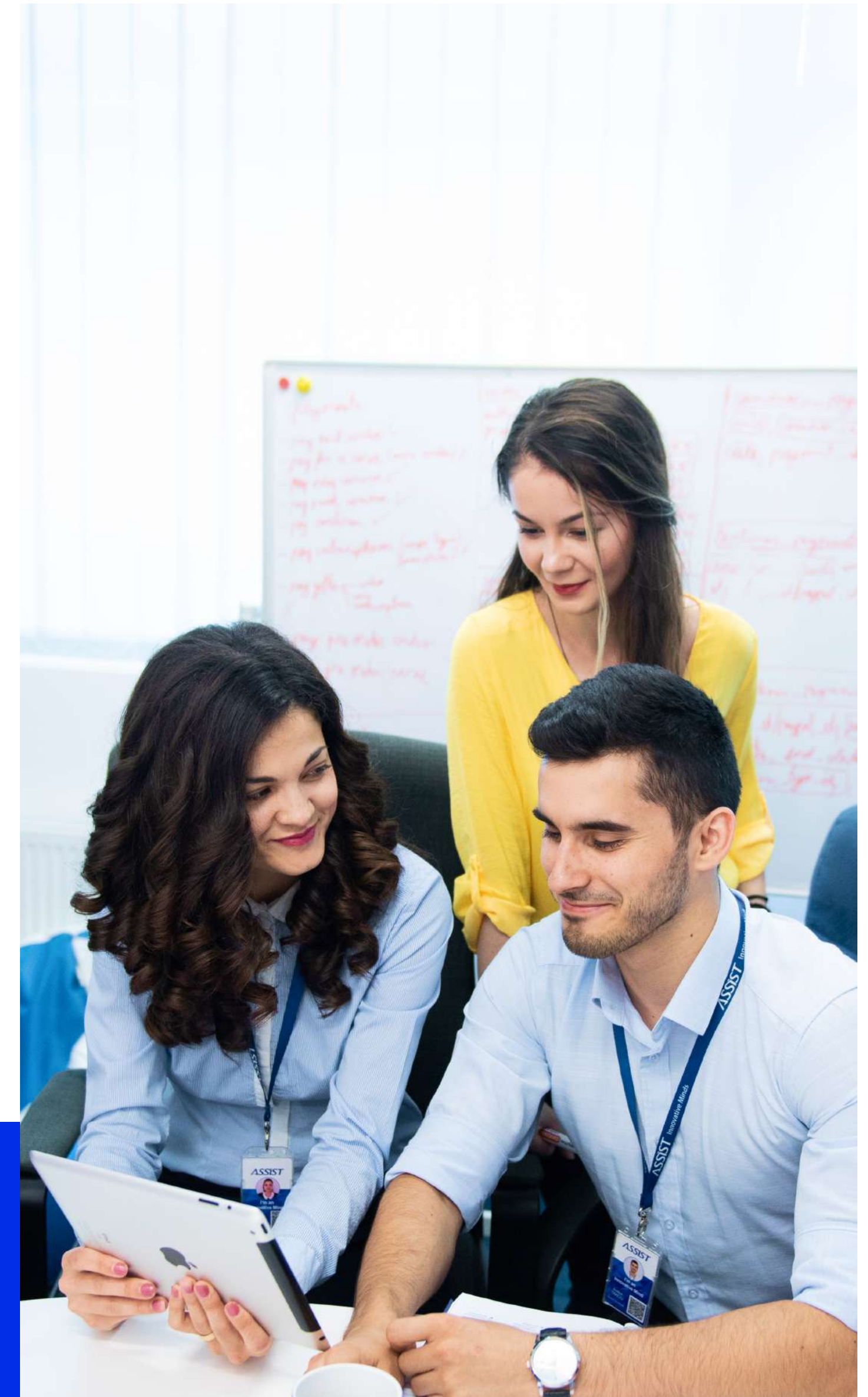
## WHAT MAKES US UNIQUE

We have always taken pride in our capability of tailoring our services to the requirements and particularities of any given project. This is the utmost validation for our cultural standpoint, that we are not only writers of code but problem solvers, engineers, innovators at our core.

### **Some of the key characteristics of our staff that we believe differentiate us:**

- Easy to work with, low maintenance
- Understand the big picture
- Organize frequent demos
- Always available
- Technology agnostic
- Assume ownership and responsibility over projects
- Transparent and efficient in communication
- Maintain team motivation
- Provide business value

We are adaptable; we believe in working together towards defining the best model for our collaboration, whether it's the fixed-price model, a custom team with flexible allocation or taking an idea and build a working product end-to-end.



WE PROTECT OUR PLANET



WE LOVE SPORTS



WE SUPPORT OUR COMMUNITY





**ASSIST**  
Innovative Minds

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