ASSIST
Innovative Minds

Your technical partner

for end-to-end custom software solutions

assist-software.net

ASSIST Software is a nearshore and offshore technical partner

capable of delivering quality custom software development services that are backed by highly creative teams.

HOW IT ALL STARTED

ASSIST Software was founded in 1992 by **two ambitious Romanian engineers** with backgrounds in **nuclear physics**,
who shared a passion for driving **innovation** in our community.

INNOVATION

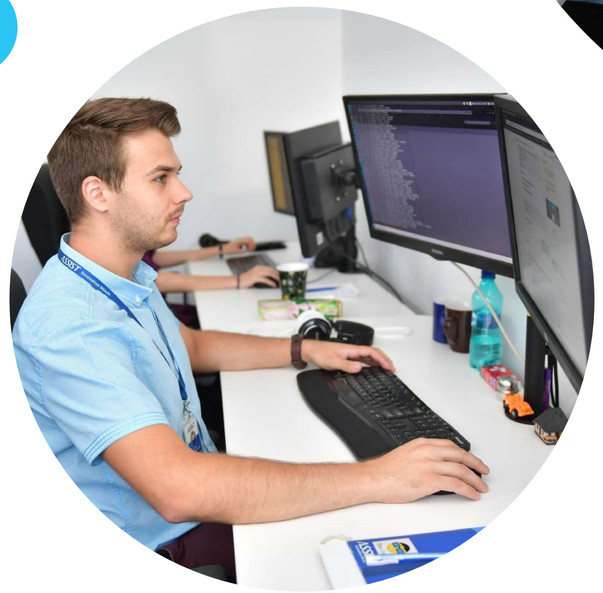
is in our DNA

OUR MISSION

To nurture creativity in every individual and inspire people to make an impact in the world.

WHAT MAKES US UNIQUE

- → Proud to be local
- → A company of engineers
- → Restless early adopters



ASSIST IN NUMBERS

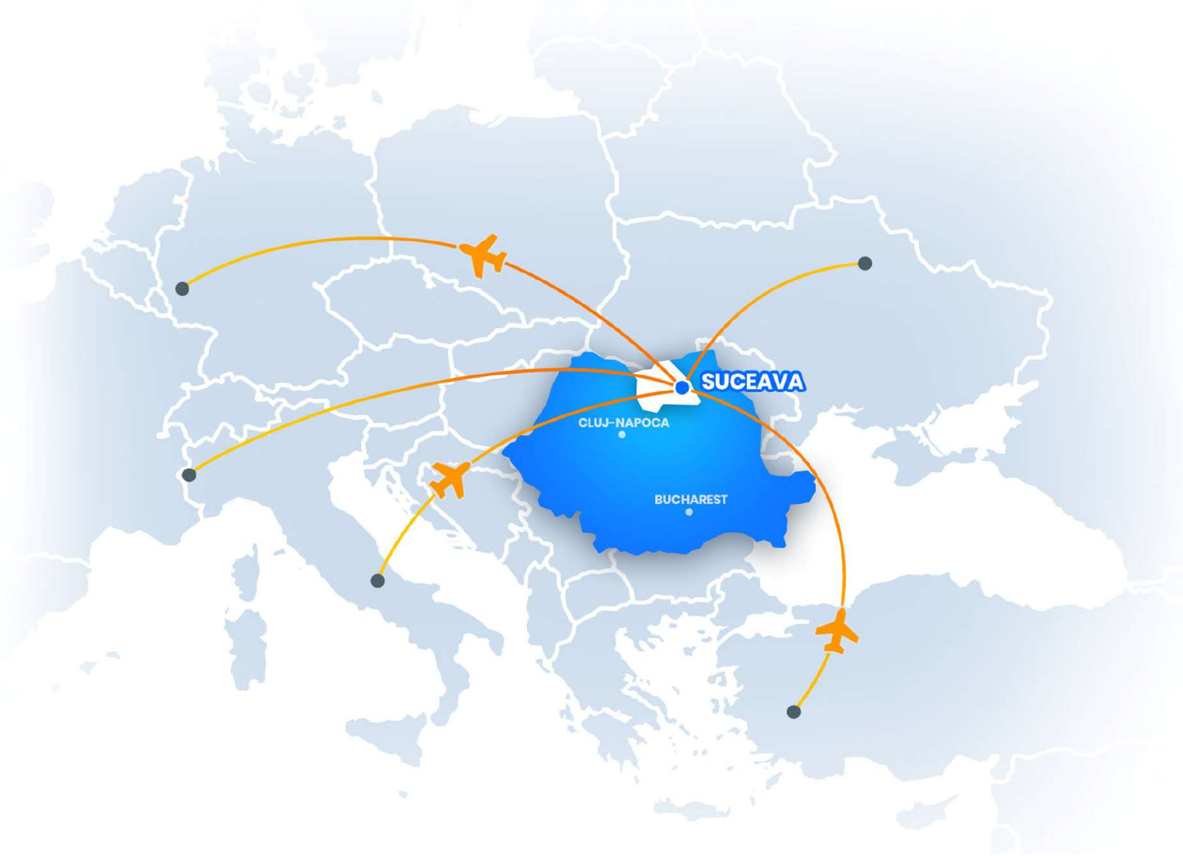
28
YEARS

200+
EMPLOYEES

263
CLIENTS

452
PROJECTS

Suceava, Romania, Europe

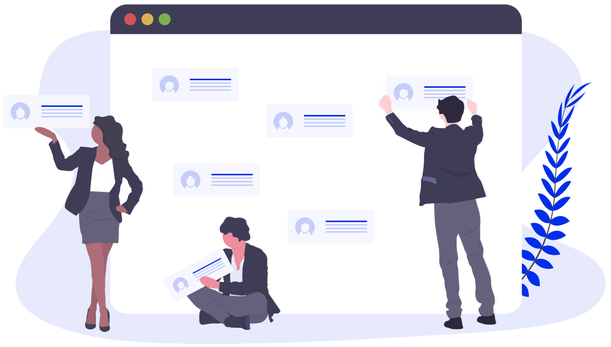


OUR STRENGTHS

- 9 years of Agile Software Development
- Certified ISO 9001, 14001, 27001 with regular audits up to date
- Most Innovative SME in Romania in 2017 Award
- Experience in working with global companies

- Medical and military standards of security and quality
- Certified developers, SCRUM masters and QA engineers
- 140 European partners in 17 EU-funded projects under H2020, FP7 & EUROSTARS
- Microsoft Gold, AWS, MongoDB partners

COLLABORATION MODELS



Project-based

Clear requirements

Dynamic team scaling

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

TEAMS PROFILE

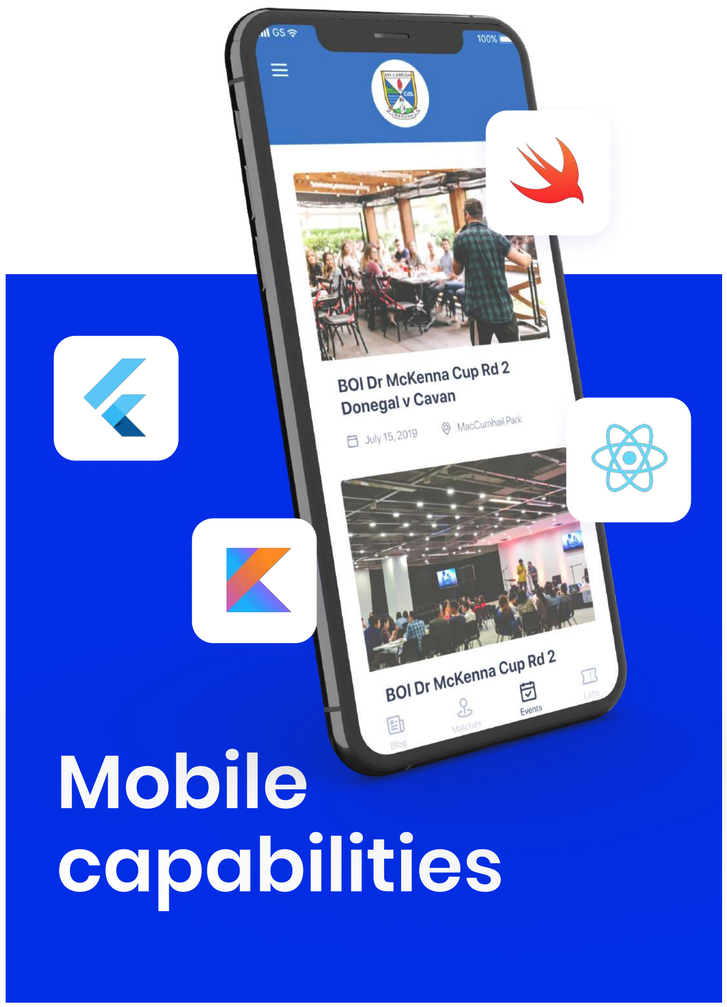
We have the ability to provide customized teams of professionals with flexible allocation to augment your teams using the time/material model.

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
- Assume ownership and responsibility over projects
- Transparent and efficient in communication
- Maintain team motivation

We also offer the possibility of working following the fixed-price model by setting up and managing teams on our own. We have the capability of taking an idea and turning it into a working product from vision to market, including the product design phase.

DEVELOPMENT CAPABILITIES



Native Applications

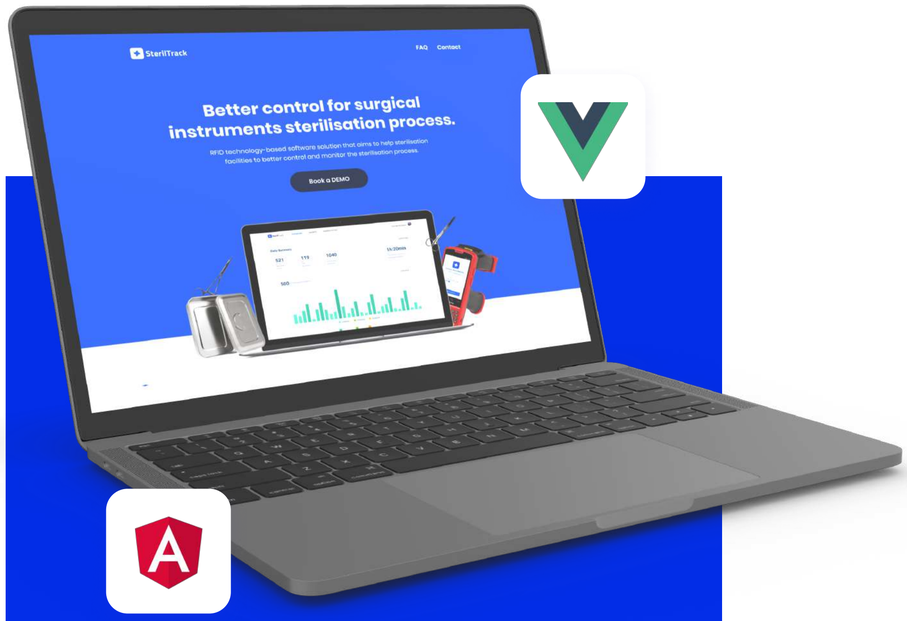
We build beautiful applications for both iOS and Android using Kotlin, Java, Swift and Objective C. We believe apps should be fast, aesthetically pleasing, easy to use and secure.

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.



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.

DEVELOPMENT CAPABILITIES

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.

DEVELOPMENT CAPABILITIES

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. We like using Atlassian Bamboo to manage our pipelines.

PROJECT MANAGEMENT

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

COLLABORATION

Agile SAFe

Our teams are accustomed to implementing agile SCRUM processes that really work following the 4 main principles in the Agile Manifesto.

We also have experience in working with the SAFe framework and coordinating with multiple SCRUM teams around the delivery trains.

We understand the importance of being flexible and adapting to our clients' needs, therefore we customize the collaboration model for each client.

We use the Git features to their full potential. We work with feature branches and we create merge/pull requests. We perform code review for every merge request and test on our development/staging environments.

Transparency and predictibility

By collaborating with your product manager we can set up our own roadmap. We are capable of managing our own epics and sprints.

We can hold internal SCRUM ceremonies, or joint ones with other development teams.

ASSIST Scrum Masters and Product Owners will participate in the periodical SCRUM of SCRUMs.

ASSIST teams coordinate with you periodically to perform backlog grooming.

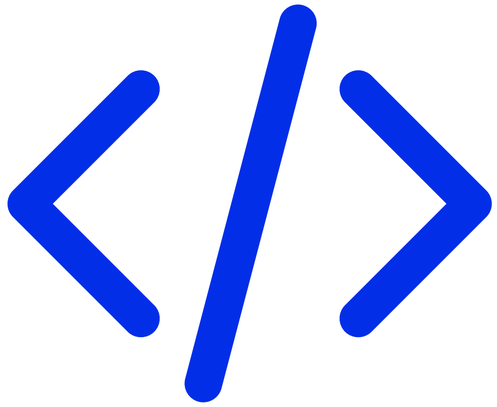
We have regular demos at the end of every sprint and a staging environment always available online for testing.

Quality and performance

Self-managed teams

DEVELOPMENT

We are strict in following development rules and conventions. Our developers are experienced in writing safe code and implementing secure solutions compatible with HIPAA, ISO 27001, GDPR and other standards.



The ASSIST Software team has extensive experience with the full stack of web services from AWS and Azure across numerous projects, having multiple certified cloud solution architects (AWS and Azure).

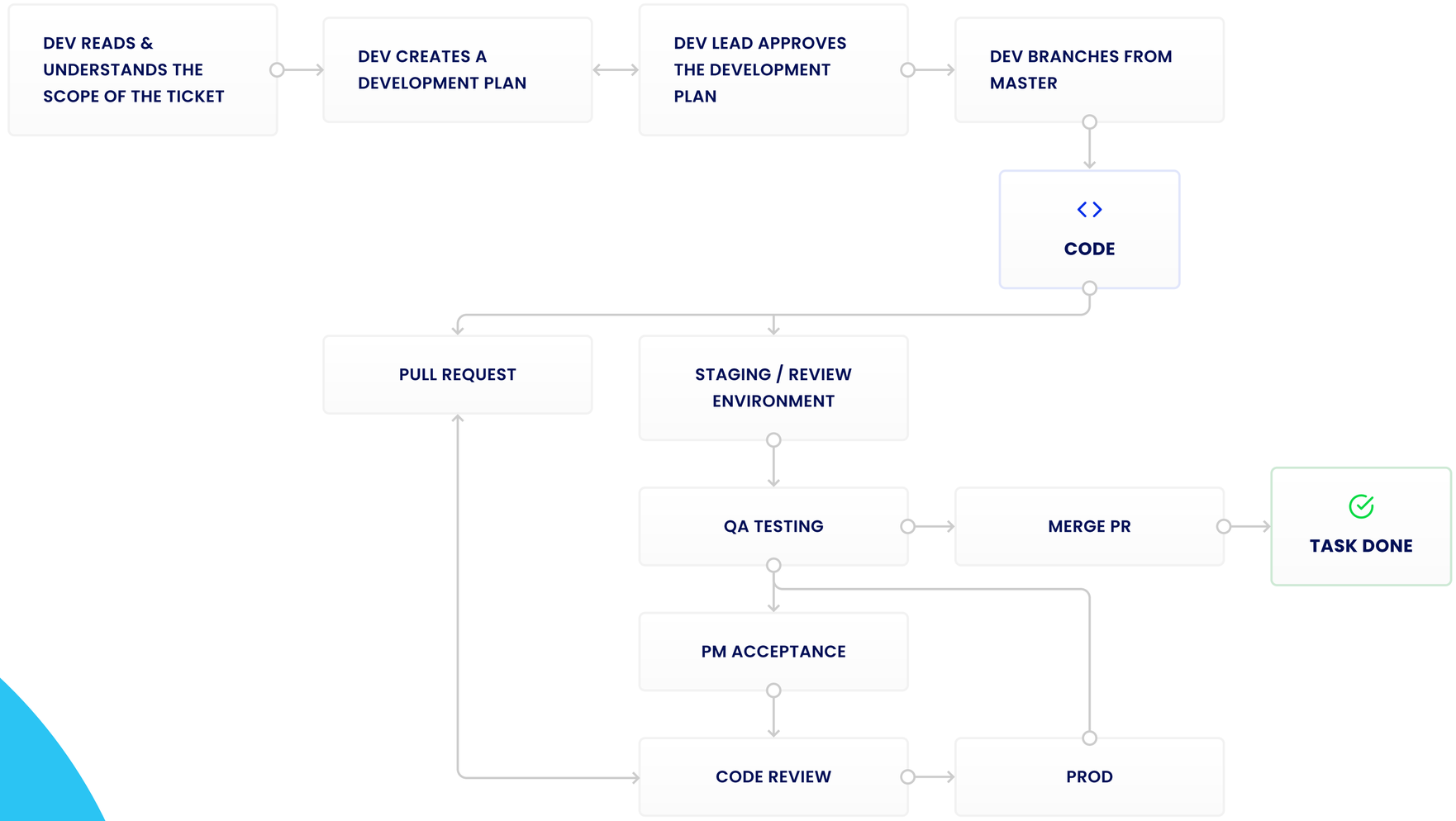
Our developers use Git features to their full potential. They work with feature branches and create merge/pull requests. They perform code review for every merge request and test on our development/staging environments.

The development team at ASSIST Software has experience in working with a variety of CI tools. They have set up complex CI environments and deployment pipelines from scratch in different projects and different cloud platforms.

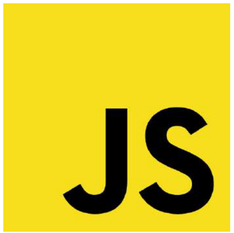
We are capable of architecting, deploying and managing complex cloud platforms using microservices.

Our QA team is proficient in performing a variety of tests such as load testing, stress testing, integration testing etc.

DEVELOPMENT WORKFLOW EXAMPLE



SKILLS MATRIX



CERTIFICATIONS

MONGODB CERTIFIED DEVELOPER ASSOCIATE

Scrum Alliance CSM CERTIFIED

aws certified Solutions Architect Associate

ISTQB Certified Tester Agile Tester Foundation Extension

Microsoft Specialist
Architecting Microsoft Azure Solutions

Microsoft CERTIFIED Technology Specialist
.NET Framework 4, Windows Applications

Microsoft Specialist
Programming in HTML5 with JavaScript & CSS3

Microsoft CERTIFIED Solutions Associate
Windows Server 2016

HIPAA COMPLIANCE
Health Insurance Portability and Accountability Act

ORACLE Certified Associate

ASSOCIATE GOOGLE CERTIFIED ANDROID DEVELOPER

CIW Certified Internet Web Professional

PARTNERSHIPS

mongoDB

ISO 14001

CERTIFIED ISO 9001

Information Security Management ISO 27001 Certified

amazon web services Partner Network

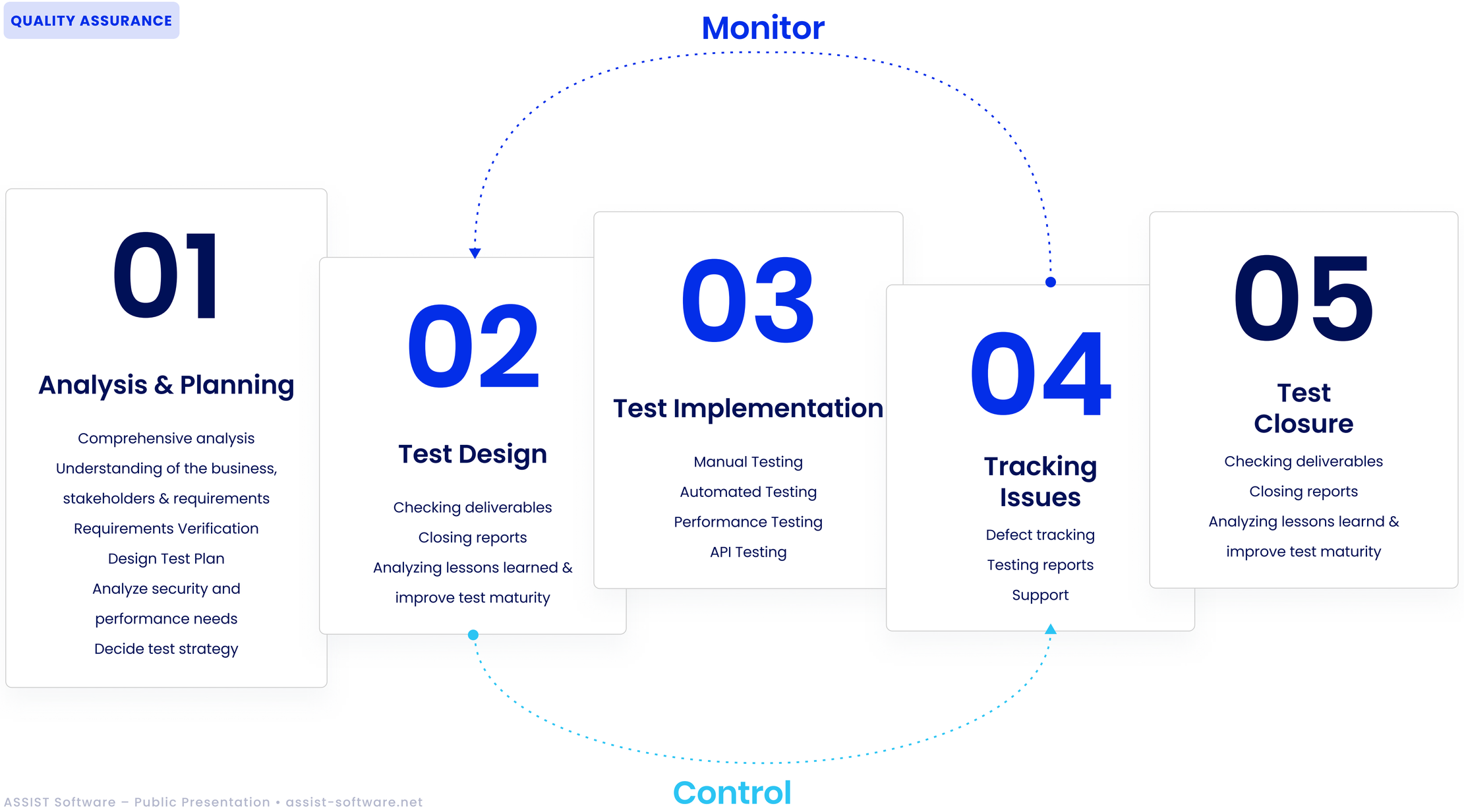
openstack POWERED

Microsoft Partner
Gold Application Development
Silver Application Development
Silver Application Integration
Silver Datacenter
Silver Small and Midmarket Cloud Solutions

European Commission
17 EU Funded Projects
H2020, FP7, LLP, EUROSTARS & Erasmus Plus

Quality Assurance

QUALITY ASSURANCE



WHY ASSIST?

Innovation

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

Cultural Fit

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

Always Reliable

28 years of experience in the software industry. Multiple successful partnerships alongside team members, many of which lasted 5+ years. 94% employee retention rate in 2018.

Ownership

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

We consider this collaboration to be a great opportunity to prove our innovation capabilities and bring new ideas to your company.

We believe we can offer you a very rich range of opportunities mainly driven by the diversity of skills we can provide. We are drawn to partnering with innovative companies and we appreciate working with clients that have experience in development and a day-to-day work style similar to ours.

We always deliver in time!

TESTIMONIALS

I was highly impressed by their work. Not only did they really comprehend our ideas, but they also helped us to sharpen our vision of our platform by addressing the right questions.

And while being excellent with regards to contents, they also delivered on time, according to the agreements and were overall very reliable. It was a pleasure working with them.

Dr. Katja Weichsel
PROJECT MANAGER AT PAEDIPILOT

TESTIMONIALS

The ASSIST SOFTWARE SRL team has always been dependable, straightforward and enthusiastic. They displayed excellent expertise in the software development area. I was introduced to some of their projects and admired the creative and innovative solutions they developed.

I am happy to recommend ASSIST to anyone seeking reliable partners in international projects.

Johan Plomp

SENIOR RESEARCHER AND TEAM LEADER AT VTT

TESTIMONIALS

With great pleasure and deep confidence I may provide a strong recommendation for ASSIST Software SRL and their professional team for software development projects.

As a senior consultant and software development project manager at IBM for many years I was asked (among other topics) for consultancy and recommendations in managing their software development processes.

If you look for a software partner, very much knowledgeable of latest technologies I can strongly recommend ASSIST.

Rainer Scharpegge

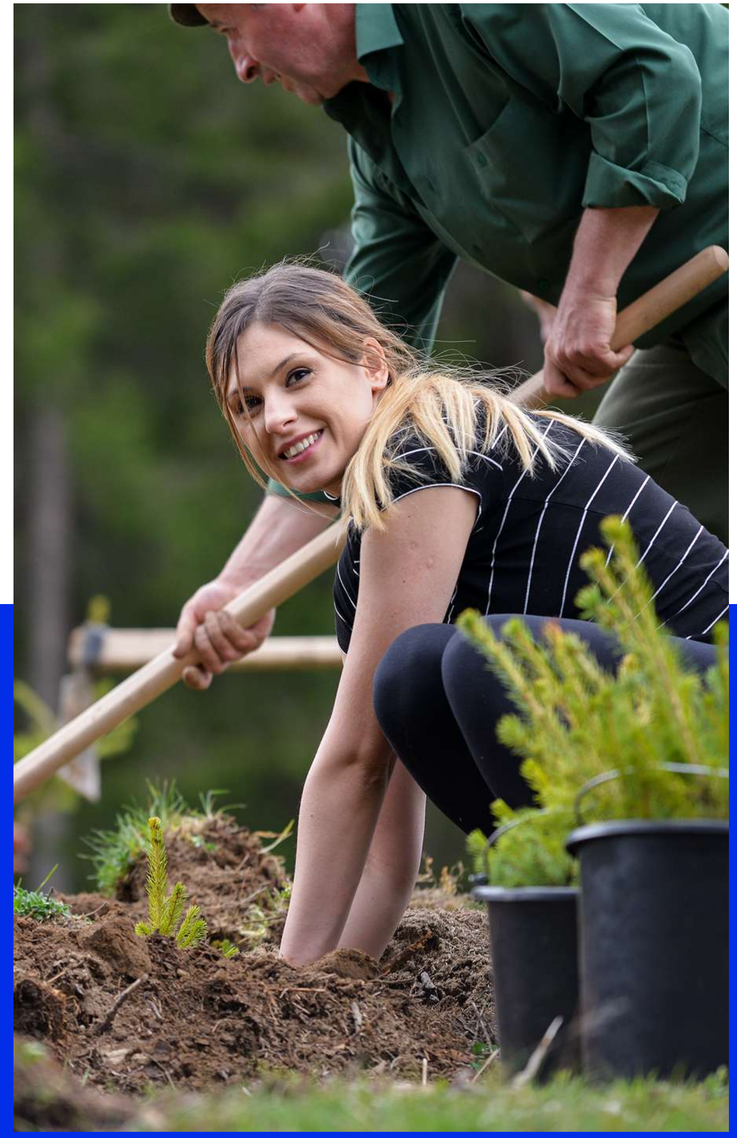
SENIOR IT ADVISOR, SENIOR EXPERT SERVICE AT SES BONN

Our Culture

Digital
Solutions
Provider
ASSIST
Innovative Minds

OXYGEN

WE PROTECT OUR NATURE



WE LOVE SPORTS

WE'RE YOUTUBERS

YouTube

Visit our YouTube Channel

TAKE ME THERE

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Partner with us!

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