

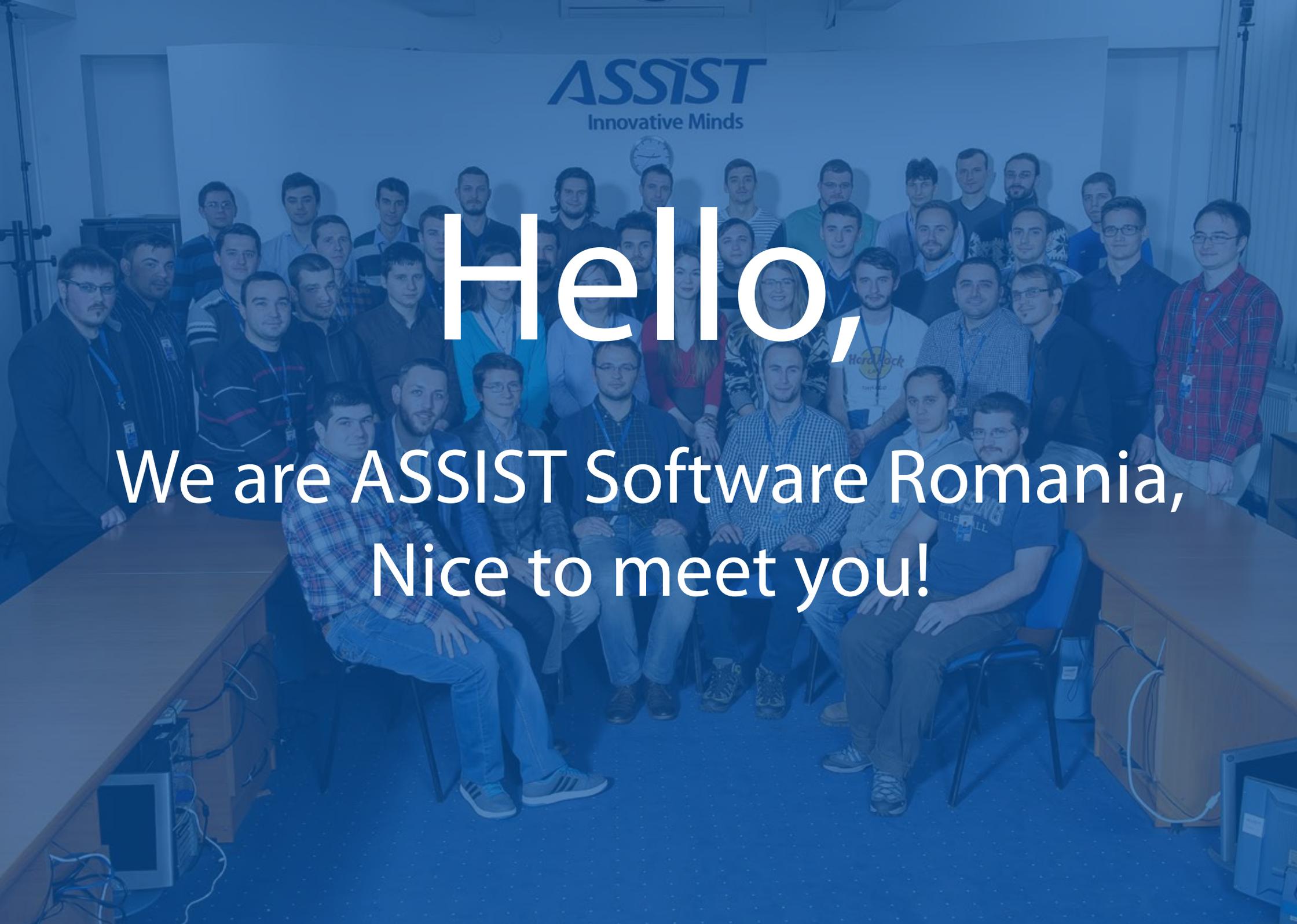


**INNOVATION.  
PASSION.  
FUN.**

[www.assist-software.net](http://www.assist-software.net)

**ASSIST**  
Innovative Minds

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Innovative Minds



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Hello,

We are ASSIST Software Romania,  
Nice to meet you!



# Our *culture*

## The Way We Work

- Curiosity and innovation are pre-requisites.
- Listening is a great way to start a conversation.
- We value planning and discipline.
- We do things the ethical way because it is the only way.
- We treat our employees the way we want them to treat our customers.
- We always deliver on time.
- We reward and celebrate success.
- We are always looking ahead, reading ahead, thinking ahead.
- We foster the spirit of cooperation.
- Everyone in the company is an ambassador of our dedication for excellence.

## The Way We Act

- We love to be the first to say hello.
- We enjoy sharing a cup of coffee in the morning.
- We are helpful and kind.
- We embrace change as a healthy part of growth.
- We love learning and sharing what we learn with each other.
- We share each other's the passion for sport respect for nature and a healthy life-style.
- We know that some rules cannot be broken; the rest are negotiable.
- We love to answer questions before we are expected to.
- We always get back to people.



## What We Believe

- Big ideas require hard work, continuous learning and an open mind.
- We value the chain of respect over the chain of command.
- The dumbest questions give birth to the smartest ideas.
- We believe that the small details make the big differences.
- We encourage (human) diversity.
- Hobbies are a valuable expression of inner beauty.
- All work and no play never works.

## The Way We Have Fun

- We have fun doing what we are good at, building great software.
- We encourage laughter, but never at someone's expense.
- We love to celebrate birthdays together.
- We enjoy our #having-fun channel on Slack, with daily jokes and cute cats.



# Know us *better*

ASSIST Software Romania specializes in outsourcing software development projects. Based in Eastern Europe, we are operating in a challenging economy that creates a fertile environment for Information Technology and business outsourcing. Our team has a solid and proven track record, delivering high quality and timely services.

Founded in 1992, ASSIST Software is present on the international market as a supplier of innovative solutions, adding business value through technology implementation at a professional level. Focusing our activities toward developing complex software products, ASSIST Software provides consistent results in emerging fields such as mobile and web-based custom business applications, e-commerce, e-payment, e-security, e-health and enterprise & resource planning, entertainment and gaming industry.



We are focused on developing powerful and cutting edge applications, that allow us to offer solutions which provide real business benefits. We deliver products and services with quantifiable ROI built around customer's goals and strategic vision.

Our team continuously fulfils our partners' demands by constantly updating our knowledge, conquering new areas of expertise, increasing the quality of our consultancy and support services. We build long lasting relationships with our business partners, easily adapting to each one of their requirements.

# Our *values*

**INNOVATION**

**DEDICATION**

**PASSION**

**SYNERGY**





**OPENESS**

**IMPACTFUL**

**FUN**

**TREND-SETTER**



# Our *services*

## Software Engineering & Consulting

We help the customers to adapt the software engineering principles and methodologies into their development area. The engineering approach, which is not that prevalent in the current scenario of software development worldwide, can create an awesome predictability of the project success.

Establishing an approach right from understanding the business eases every phase of the development efforts while assuring the quality of the product and satisfaction of our customers.

## Data Security

Here at **ASSIST Software** we know how to perform good network services as we have been successfully working with clients from all over the world and have established our own reliable system for large numbers of users working in the company.

Our server support services include remote system monitoring, urgent troubleshooting performance or necessary upgrading.

## System Administration

Any number of issues can cause a failure with your IT environment. This not only takes away time from other tasks, but can put a strain on resources that otherwise would be taking steps forward for your business, not backward.

**ASSIST Software** provides several ways to break these problems, offering flexibility and scalability.



## Quality Assurance

The QA department of **ASSIST Software** is engaged in testing of various software, web and mobile applications. Our experts do their best to make your projects operate flawlessly. Every idea of yours will be incorporated in a final product according to all the requirements and specifications.

## Design

Our team of web designers provides advanced web design solutions for enterprises, corporations, agencies and individual needs. All of them are familiar with the best practices of art schools throughout the world. **ASSIST Software** has a solid experience in delivering professional web design and development services for projects of different size and complexity level.

## Project Management

Offering professional management services, we save your time. Our project managers undertake the hardest work of coordinating the working process to implement your idea. Project managers can get on board at any stage but the best success comes when the manager works with the team from the very first stage of project analysis and estimation.

# What *we do*

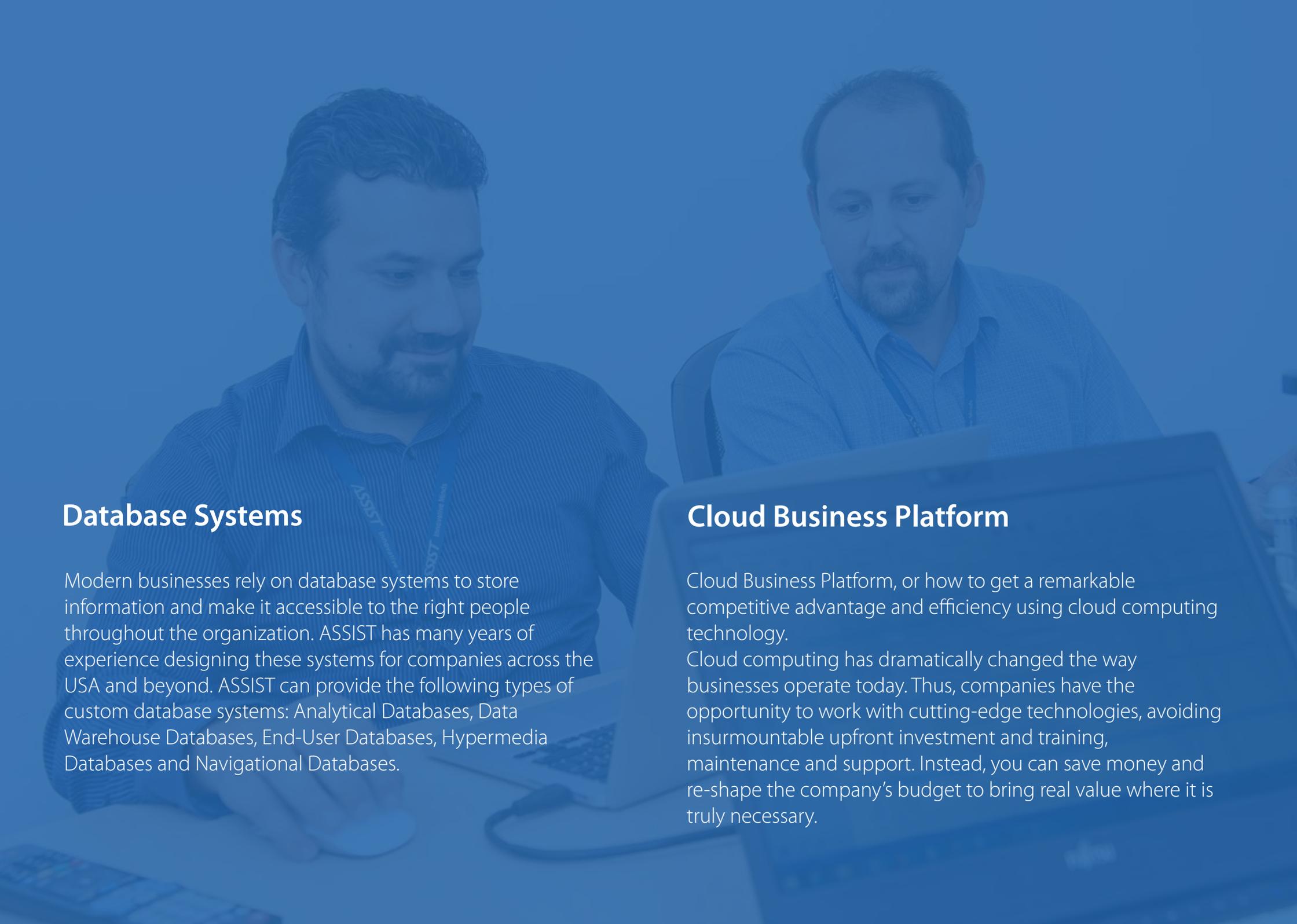
## Mobile Applications

Twenty years ago, a mobile phone was perceived and used as a single-purpose device: making phone calls while on the go. Nowadays, with the explosion of apps and media for mobile devices, the phone part of smartphones has quickly become the least interesting feature of these devices.

As an integrated team of specialists, we provide strategy, architecture, design, security and development for cutting edge mobile applications. From standalone apps to online social networks, we deliver high-quality products. We offer a broad range of services related to mobile application development on leading mobile platforms including iOS, Android and Windows Phone.

## Web Applications

We understand that a pleasing visual design is essential for aesthetics and practicality. Our designers and programmers have a great sense of style and a thorough understanding of web standards. ASSIST Software has experience in providing the following types of custom web solutions: Web Application Design & Development, Website Design & Development, Search Engine Ranking Services, Content Management Solutions, e-Commerce Solutions, Website Analytics, Domain Registrations and Web Services.



## Database Systems

Modern businesses rely on database systems to store information and make it accessible to the right people throughout the organization. ASSIST has many years of experience designing these systems for companies across the USA and beyond. ASSIST can provide the following types of custom database systems: Analytical Databases, Data Warehouse Databases, End-User Databases, Hypermedia Databases and Navigational Databases.

## Cloud Business Platform

Cloud Business Platform, or how to get a remarkable competitive advantage and efficiency using cloud computing technology. Cloud computing has dramatically changed the way businesses operate today. Thus, companies have the opportunity to work with cutting-edge technologies, avoiding insurmountable upfront investment and training, maintenance and support. Instead, you can save money and re-shape the company's budget to bring real value where it is truly necessary.

# Successful *projects*

## Bonafide

Today, consumers consider several factors, besides cost, when making buying decisions such as origin, production practices and environmental impacts.

Currently, no commercial solution exists that integrates whole supply chain, interoperable information based on traceability, and environmental sustainability of food products that enables communication of this information to the end consumers of the food products. Current systems mainly focus on delivering information to the responsible supply chain partners directly involved with the trade and transport logistics.

The BONAFIDE application will provide simple and easy to use access to the supply chain data available in a Business Cloud System that is being developed by partner iMonit. This data is a key for providing consumers with transparent information needed for trust in the food supply chain.



EU



IS



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CLOUD PLATFORM

MOBILE APPLICATION

WEB APPLICATION



## English Attack

English Attack! is the first English-language learning service specifically designed for the digital generation. Our approach features a worldwide community of learners of English; and uses short-session online entertainment to encourage frequent digital immersion in real everyday English, with fresh content published daily.

We are involved in developing and improving current version of English Attack!. One of our important goals is to optimize the website, increasing its performance by using CDN and special caching techniques.



A challenging task was to develop the new coaching feature, where we used intensively Node.js and MongoDB.

ASSIST is also English Attack! commercial and marketing partner for Romania and Moldavia. Using advanced SEO techniques and social media marketing, we engage people to use English Attack! platform and to enjoy learning English daily.

MOBILE GAMES

MOBILE APPLICATION

WEB APPLICATION



## GPS ASSIST

Nowadays, a very important aspect for businesses is to have a solution to track and locate the company's vehicles and employees through a GPS system.

GPS ASSIST is a fleet tracking application that gives you up-to-the-minute speed and location updates, including email alerts based on parameters you set in advance.



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The objective of the GPS project is to help companies to lower costs, improve their activities and increase productivity.

The solution provided by ASSIST Software brings numerous advantages: it is very simple and easy to use the app, the user can receive email reports through the automated reports system and email notifications when an event occurs, for example when the car enters/exits the country, over speeds, doesn't have GPS signal or enters/exits the hotspot.



## HealthBeacon

The global challenge to address the unsustainable increase in healthcare spending, added to a growing and ageing population drives the need to change how healthcare can be delivered.

HealthBeacon is a smart sharps bin which observes patient compliance, identifies patient behavior and subsequently engages the patient to achieve higher medication adherence for patients on home injectable medication.



IE

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ASSIST Software role in the project is to create the platform and ensure the cloud services database and communication; as well as processing daily uploads according the device bin status and send the response back to the device monitor according the calculations.

WEB APPLICATION

DATABASE SYSTEM

CLOUD PLATFORM



## PigWaves

PigWaves project aims to develop the technology that will enable existing pipe crawling robots (pigs) to provide internal inspection of pipe walls using Long Range Ultrasound Guided waves (LRUG) deployed in pipe segments of about fifty metre length.

The objective of the project is to perform total volume inspection far more rapidly, accurately and cheaply than is presently achieved with magnetic and ultrasonic pigs by developing a circumferential collar of LRUG sensors and novel time reversal focussing to produce a map of the circumferential and axial pipe corrosion and cracks.

ASSIST contributed to the project by their expertise in the fields of advanced software and wireless platform development, to the development of the wireless in-pipe communication and in the development of the signal processing software.



EU



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## Zelgor

Zelgor is a free to play iOS mobile world conquest game. The core game features three distinct mini games with different mechanics and gameplay that interact with each other in a natural way. To conquer new territories the player needs to expand his army numbers to have the necessary paratroopers for the missions, by attacking other commanders on the battlefield.

The mini games have been built from the ground up in Unity 3D engine, giving the development team lots of flexibility from the point of adding new features and fixes to the games. Due to the fact that each game can be installed as a standalone application, testing and optimization is done without affecting the developing workflow Cocos2D minor tweaks.



US



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The frontend of mobile game development has two branches. The first one represents the native iOS application developed using the following technologies: Protobuf, CoreLocation, and GoogleMaps SDK Kit for iOS, Cocos2D, while the last one corresponds to the 3D games section where we used Unity 3D engine. The backend component used Open Street Maps, Foursquare API along with our own developed server and algorithm system to create the backbone for the game.

The 3D and 2D assets, animations, special effects, GUI are created with the help of the graphics pipeline made of the following applications: 3D Studio Max, ZBrush, Topogun, Motion Builder, Photoshop..



## Safewire

The Safewire project proposes to develop a new generation of novel Non-Destructive Testing sensors and systems that can inspect ageing aircraft wiring for faults in wiring and insulation without the need to dismantle the aircraft structures.

The proposed techniques are:

- ✓ Enhanced time-domain reflectometry to detect impedance changes in wiring system without disassembly of the harness and wires;
- ✓ Wideband ultrasonic guided wave technology (using piezocomposites and electromagnetic sensors) to inspect ageing wires to detect insulation damages combining advanced signal processing and pattern recognition technique;
- ✓ Pulsed thermography system to detect temperature changes to detect cracks, chafe, cuts, burns, delamination, embrittlement in bundle of wires.





## HealthPoint

HealthPoint is a Health Management Platform focused on engaging patients, improving healthcare workflow – targeting treatments, procedures and trainings for medical professionals. Purposefully built as a medical application, HealthPoint boasts features meant to firstly ease the transition of medical personnel into the digital workings of the medical system and secondly to provide services and functionality while in step with medical technology and procedures.

Among the features of HealthPoint, the current way to register and manage Patients has taken a step further, allowing for easy assignment of procedures to be performed by a clinician, scheduling hospital or home visits, all managed by a stable system. Its easy-going user interface makes getting used to it faster. There are available a variety of advanced reports and charts in order to visualize engagement of patients and also data analytics.

Technically, HealthPoint is an ASP.NET web application, built in C# programming language and designed to use the Model-View-Controller pattern. ASSIST Software had contributed to the responsive design, look and feel, migration to the Amazon platform and development of the platform. Amazon AWS solution provided had contributed to make the platform highly scalable, secure and affordable without a big upfront investment.

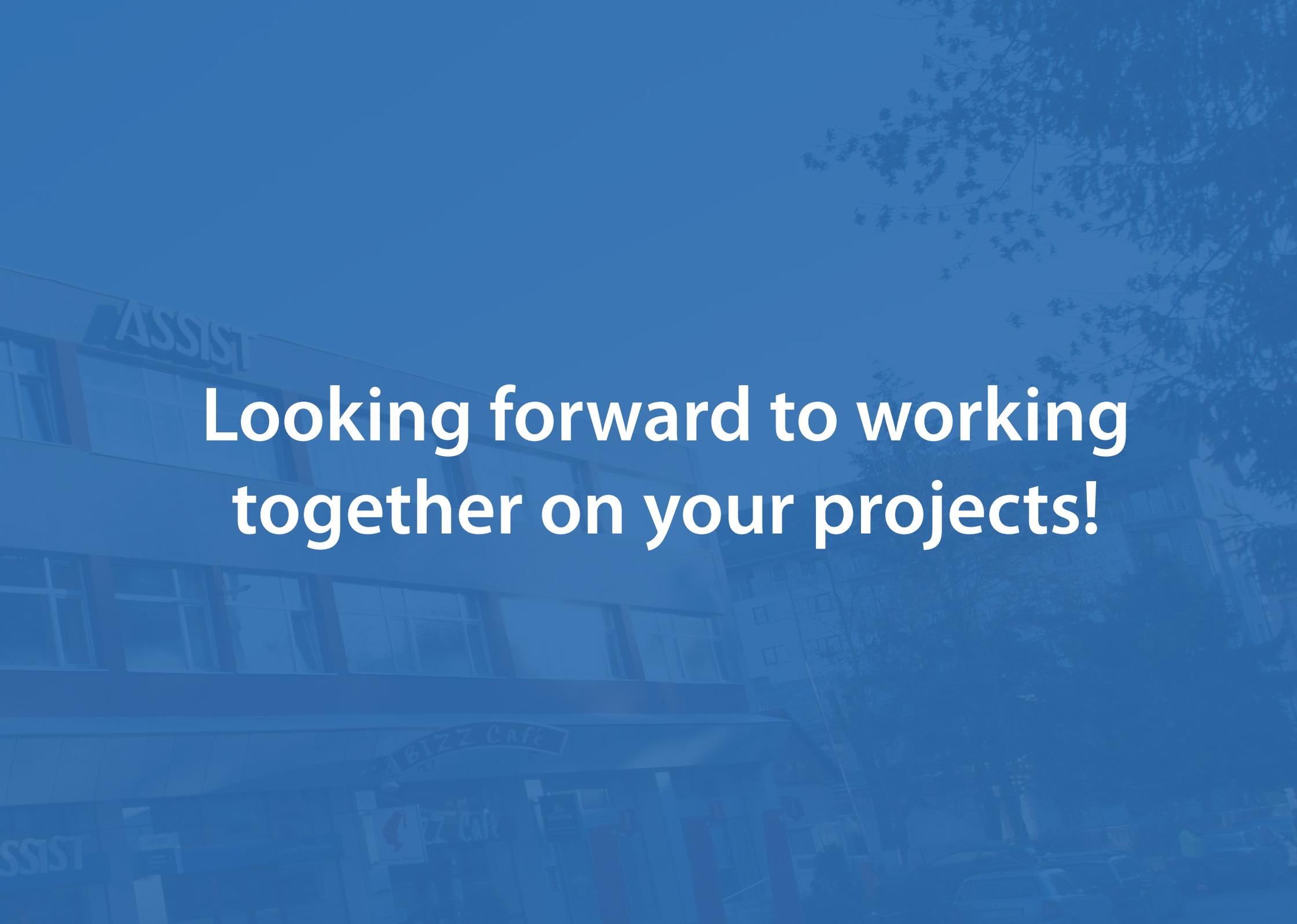


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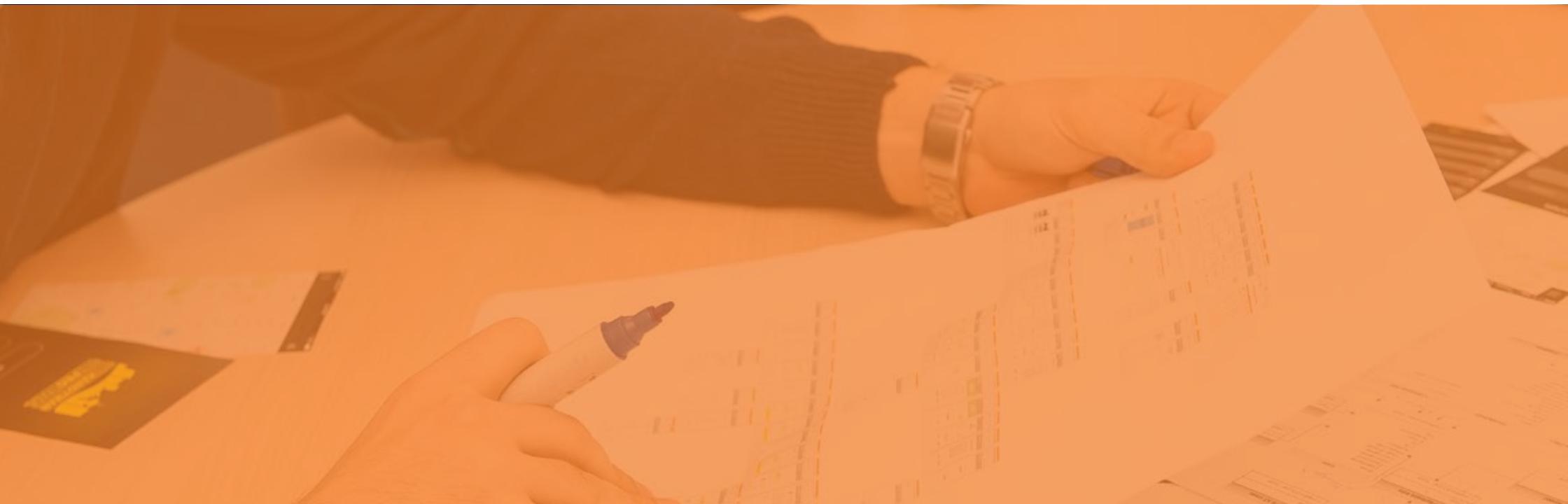


**It was nice meeting you...**





**Looking forward to working  
together on your projects!**



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