DENEVY
MAKE YOUR TECHNOLOGY ALIVE
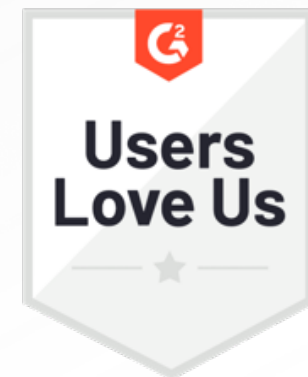
WHO WE ARE
WHAT WE DO
HOW WE DO IT

A FEW WORDS ABOUT OUR COMPANY

DENEVY has been founded in 2014 and during the first 2 years it became a part of major software integration projects that helped build a strong awareness of our company.

Today, DENEVY is a growing IT company providing Software development, Software integration and Testing, DevOps, Cloud and Security solutions.

Our portfolio of customers consists of leading companies in the field of Telco, Insurance, Banking, eHealth or Automotive.

We have also created our own solutions awarded with the prize IT Product of the year.

DENEVY
MAKE YOUR TECHNOLOGY ALIVE

BIRMINGHAM   ROTTERDAM   PRAHA   BRATISLAVA

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50 Technology Fast 50
2019 CE LAUREATE
Deloitte.

IT produkt COMPUTERWORLD 2018

IT produkt COMPUTERWORLD 2020

500 Technology Fast 500
2019 EMEA

Users Love Us (G2)

High Performer	High Performer	Best Meets Requirements	Fastest Implementation	Easiest To Do Business With	High Performer
SUMMER	Small Business	SUMMER	SUMMER	SUMMER	Europe
2022	SUMMER 2022	2022	2022	2022	SUMMER 2022

WHERE CAN WE HELP

Banking

We provide software development, software testing and DevOps for solutions primarily focused on business and personal loans, fundraising, money transfers, investments and much more.

Insurance

We are a part of projects for broadening and diversifying insurance products and services to meet the changing needs of their clients - investing in customer-facing, cloud-based digital innovations and creating unexpected new ecosystems that serve a broad suite of customer needs.

Telecommunications

We hold an extensive experience and knowledge in messaging, recharging and provisioning telco systems across mobile operators primarily within the Czech and Slovak Republic.

Crypto and FinTech

We offer complex services and supplies for FinTech and Crypto project based on several technologies. Our expertise could bring a huge progress for teams with great ideas but with low expertise in software development.

e-Health

We help healthcare companies harness technologies providing bespoke software development to empower them to stand out from the competition.

E-commerce / Retail

We design bespoke software products for retail and eCommerce businesses using momentum gaining technologies.

WHAT WE DO

SaaS

We provide Software as a service (or SaaS) like a way of delivering applications over the Internet— as a service. Instead of installing and maintaining software, you simply access it via the Internet, freeing yourself from complex software and hardware management.

TaaS

Testing as a service (TaaS) is an outsourcing model in which testing activities associated with some of the organisation's business activities are performed by a service provider rather than in-house employees.

IT consulting

We provide services that help clients assess different technology strategies and, in doing so, align their technology strategies with their business or process strategies.

Platform development

Cross-platform development of a software application or product should make it work well in more than one specific digital habitat. This capability is typically pursued in order to run software for more than one proprietary operating system, such as Microsoft. Linux, Android or Apple platforms.

DevOps

We offer implementation and maintenance via our batted-tested DevOps ecosystem as a combination of practices and tools that increases the organisation's ability to deliver applications and services at high velocity.

Automation

We train employees, recruit from the existing workforce or combine the two approaches; employees may work remotely or onsite at the client's location. Recruitment and training are focused on current industry needs and anticipated trends to meet client requirements.

Solutions & Services
SaaS

Leveraging extensive experience and potential, our engineers design robust custom platforms to help your business stand out of the competition due to the numerous advantages of SaaS:

Web development

We design bespoke applications with a robust multi-tenant infrastructure, secure database, responsive API gateway, and everything else needed to build a SaaS application of any complexity.

Cloud hosting

We handle all issues related to cloud hosting of SaaS platforms — from choosing a reliable global or local provider to the platform deployment and support.

Migration to cloud

We undertake all the migration-related challenges to help clients move their applications to the cloud. All with no losses guaranteed.

Stack shifting

We can make your application work on a new efficient level by moving it to a more relevant and convenient technology stack.

End-user convenience

Auto updates, quick start, accessibility from anywhere — all of these points add great value to your product.

Subscription basis

The SaaS allows you to ramp-up your business by selling access to your product on a subscription basis. This brings the convenience of use to your customers and predictable revenue to you.

Multi-tenancy

The multi-tenant type architecture ensures smooth and uninterrupted service to all clients. Every new tenant doesn't require additional software resources, which reduces the development cost.

Scalability by default

Developing and deploying our SaaS platforms, we pay special attention to their workloads resilience and all-embracing scalability that is a must-have for growing businesses to keep up with market trends.

Uptime guarantee

Leveraging the best disaster recovery practices and utilizing versatility in cloud technologies, we ensure 99.9% uptime, resulting in data user integrity and business continuity.

Solutions & Services
Platform development

We find a custom approach to each project and provide perfectly fine-tuned tailored products.
Your idea is our challenge to deliver the best solution

Platform development
according to your requirements

In our digital age, the better part of most business issues can be resolved with a robust custom-coded platform. And this is where we come up to the stage with perfectly fine-tuned data/inventory/warehouse management platforms, CRM solutions, API integrations, or whatever else our clients require.

Solutions & Services
Platform development

How we add value

When developing a new platform, we focus on the enhancements that we can provide to our clients. We can manifest them in a variety of ways, but what we love the most, is when our products deliver genuine results and are positively reflected in business performance.
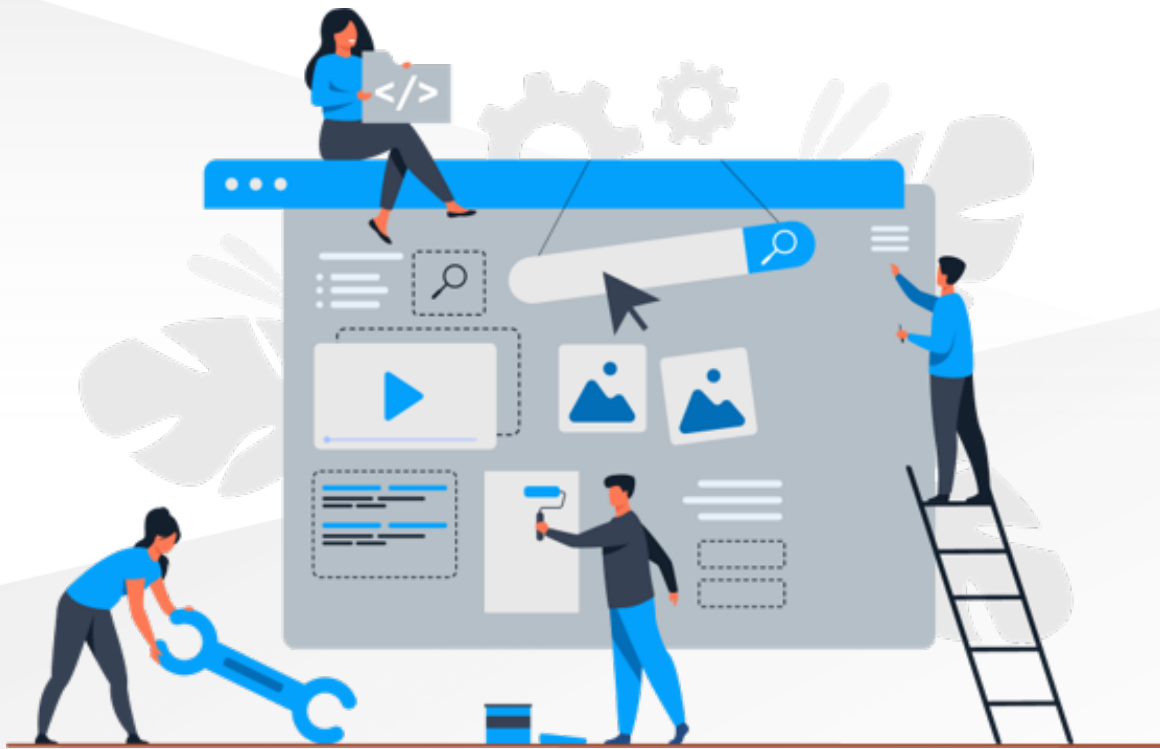
Process automation

We automate routine processes to make room for essential decision making.

Data protection

Security always comes first, and we guarantee our clients compliance with all-required data security standards.

Capacity increase

The more we automate, the more opportunities you have to incorporate new useful features and functions.

Solutions & Services
Platform development

Your bespoke platform is just around the corner.

Operations traceability

One platform — one place to reflect all crucial business operations for better transparency, traceability, and responsiveness.

Innovation harnessing

Our engineers always remain at their best and use the latest technologies to provide efficient and innovative solutions for our clients.

Solutions & Services
Platform development

What we provide

We customize the products we create as much as possible according to our clients' needs. There's no one size fits all solution for everyone — having agility at heart, we develop each platform finely tailored down to the smallest requirement.

Microservice architecture

Mailing, tracking, payments, online streaming, whatever-doing — we build in all the separate services you need for an outstanding performance and a timely dev flow.

API

API (Application Programming Interface) integration allows apps to easily communicate with third-party services and programs, exchange data with them, and reflect all changes in real-time.

Hardware integration

Some processes cannot be implemented with just software or hardware, but instead require both, e.g. in IoT or some specific devices. We integrate one into another for precise operation.

Payment integrations

Each project is developed for different countries, which have their billing features. And we have learned to work well with local/global providers, taking into account all the nuances & terms of interaction.

Granular role permission

Platform users can have different permissions and access levels if our developers do their magic.

Solutions & Services
Technologies we trust

DENEVY
MAKE YOUR TECHNOLOGY ALIVE

Technology stack

These technologies have been battle-tested and never let us down:

Flutter · React · Vue · GraphQL

CSS · HTML · TS

Kotlin · Java · laravel · python

ORACLE · PostgreSQL · ubuntu · MySQL

mongoDB

PROXMOX · Azure

Platform development
Case study { public sector }   Czech TV - iVysílání

DENEVY
MAKE YOUR TECHNOLOGY ALIVE

iVysílání

Public contract for implementation new front-ref and back-end system for Czech Television and improve whole online ecosystem with new technology stack.

Challenges the team was facing were mainly in big data aggregation and work with specific technology stack which was very different from another projects.
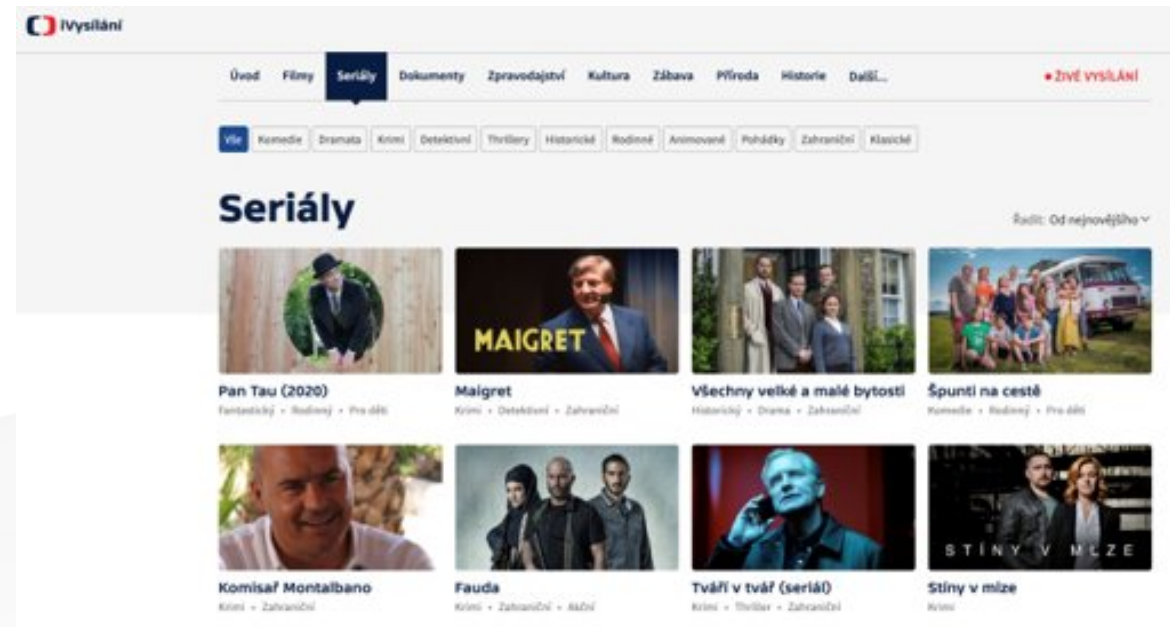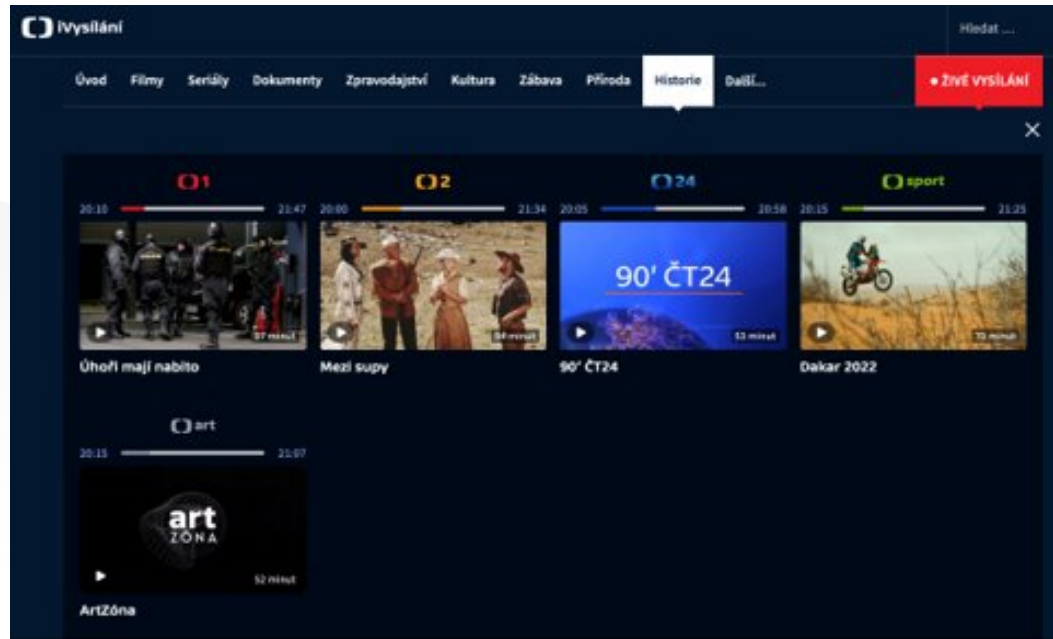
Project was divided into a few phases and we delivered in time and quality all necessary parts for deployment of the whole application ecosystem in the defined deadlines.

An excellent experience for the delivery team was the huge professionalism on client's side and absolutely transparent approach during the whole project.

Platform development
# Case study { start-up }   Arkania – crypto project

SITUATION

Arkania Protocol is a multi-chain, interoperable platform that can find and launch projects from any part of the crypto sphere. We are offering an exciting world of innovation through a multi-chain launchpad.

A really great project focused on top technology trends in cryptocurrencies. From the beginning our team defined the way how to design and integrate platform on other blockchain ecosystems.

SOLUTION
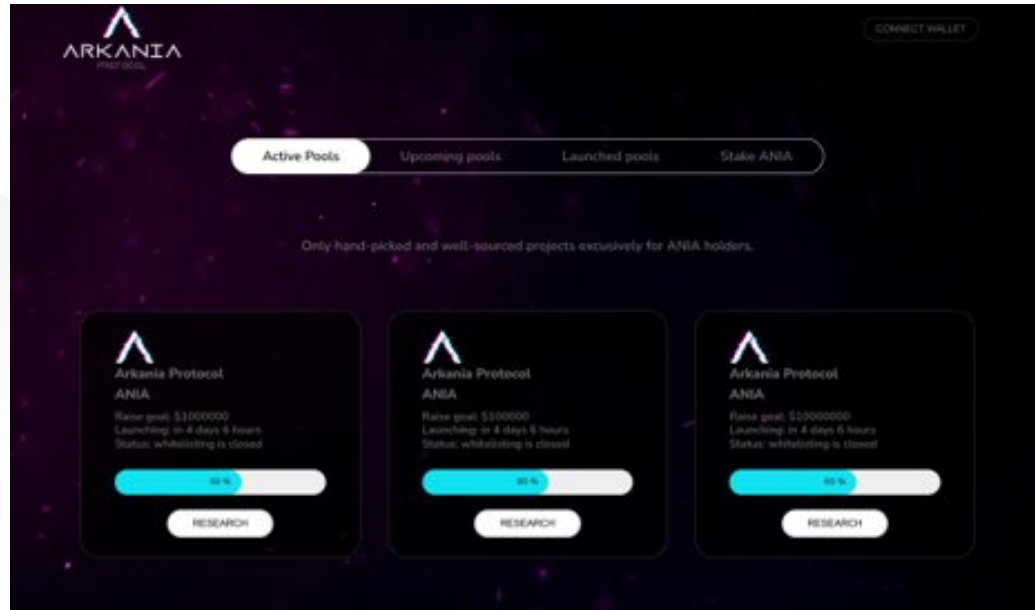
ARKANIA
PROTOCOL

RESULT

The alliance between Denevy and Arkania helped propel our platform to new heights. Major activities include the development of the Arkania app and beefing up our security. The app gives us options like none other and the ultra-secure environment means that our assets and investments are always safe from hackers and other fraudsters.

We managed the whole platform development process from scratch. As the de facto software development, integration testing, and cyber security firm, we at DENEVY are proud to partner with the Arkania team.

Platform development
Case study { complete platform } Web app for manufacturing

mesa parts
Turning into Solutions.

SITUATION

Mesa Parts as a leading developer and manufacturer of high-quality precision turned parts and turned parts-based assemblies looked for a solution for managing their manufacture process. There were a few challenges with the old technology stack, data migration and user trainings.

We managed the whole platform development process from scratch. Activities covered by this project began with design and continued to implementation and migration in defined budget and time.

SOLUTION
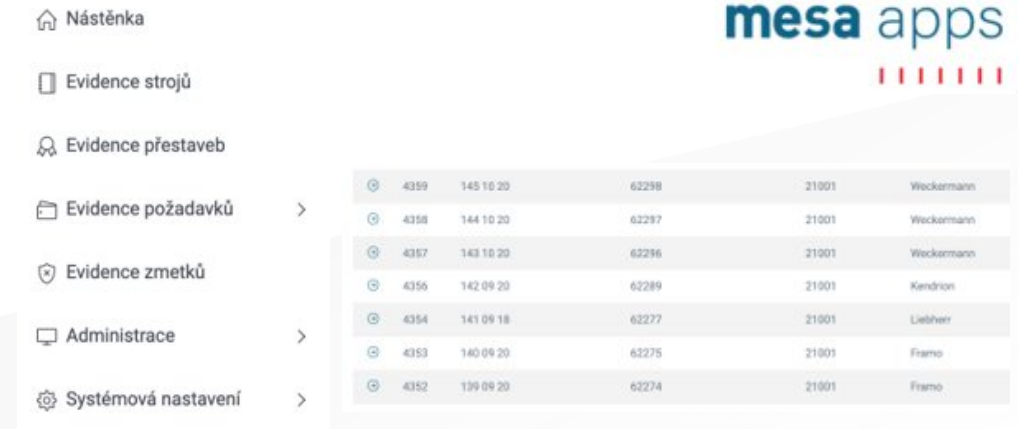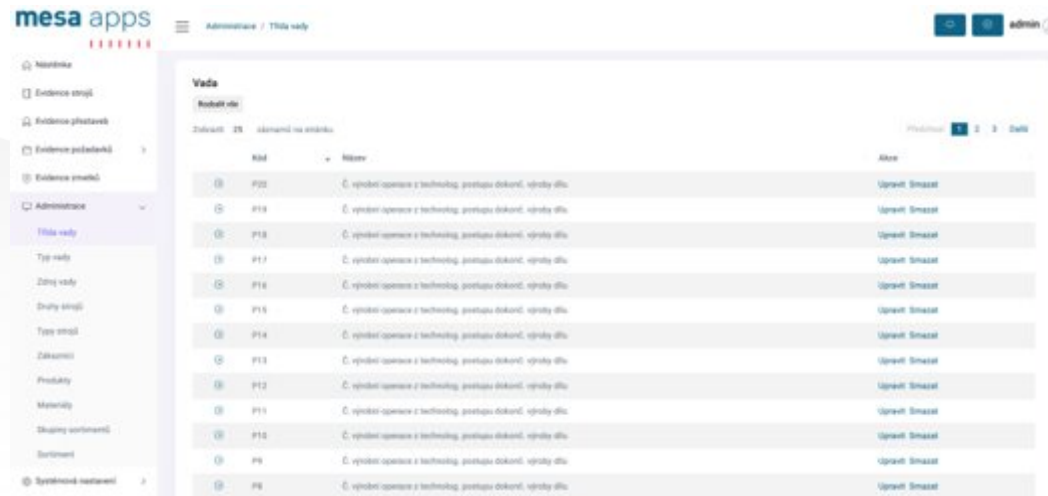
RESULT

New manufacturing management platform increased the effectivity in management and evidence assemblies by more than 40% and all data gathering and analyses are ready for measurement and optimization in one place / one system.

Project like this takes into account many new aspects from an unknown area (e.g. manufacturing processes) to formal outputs for owning companies abroad. Design and analyses for all development periods were supervised by main company from Germany.

Case study { start-up }   Web & mobile apps for iOS and Android

biutimi

SITUATION

Client looked for mobile application for beauty specialists, that will allow them to register and offer their services in an online marketplace. The customer will be able to see nearby makeup artists, contact them and request their services in store or at home. Application was in an unfinished state and was due a reconstruction.

We proposed an application overhaul. Multiple development paths were found: Build from scratch, update to the latest standards or a quick fix solution.

SOLUTION
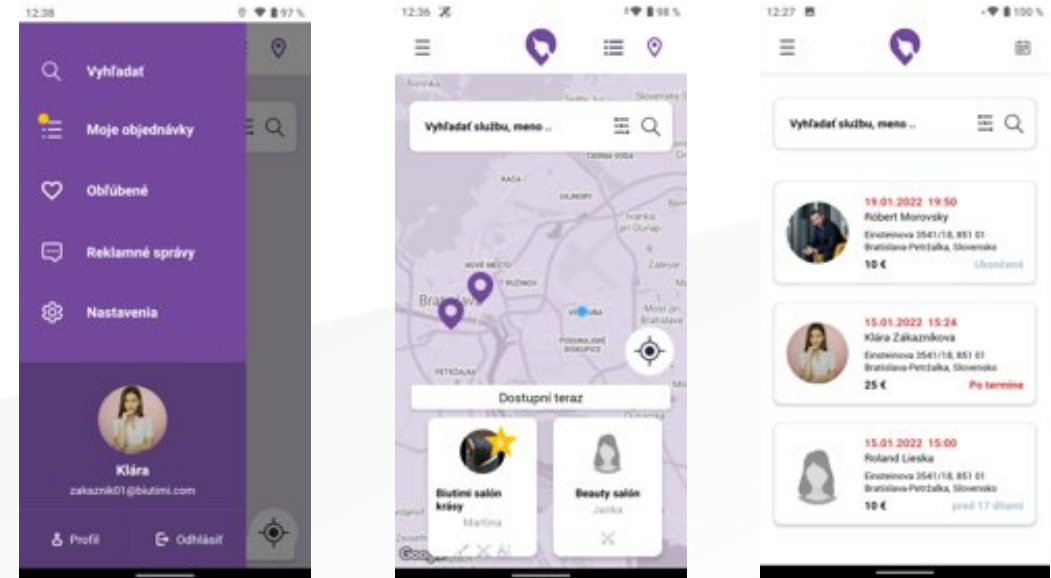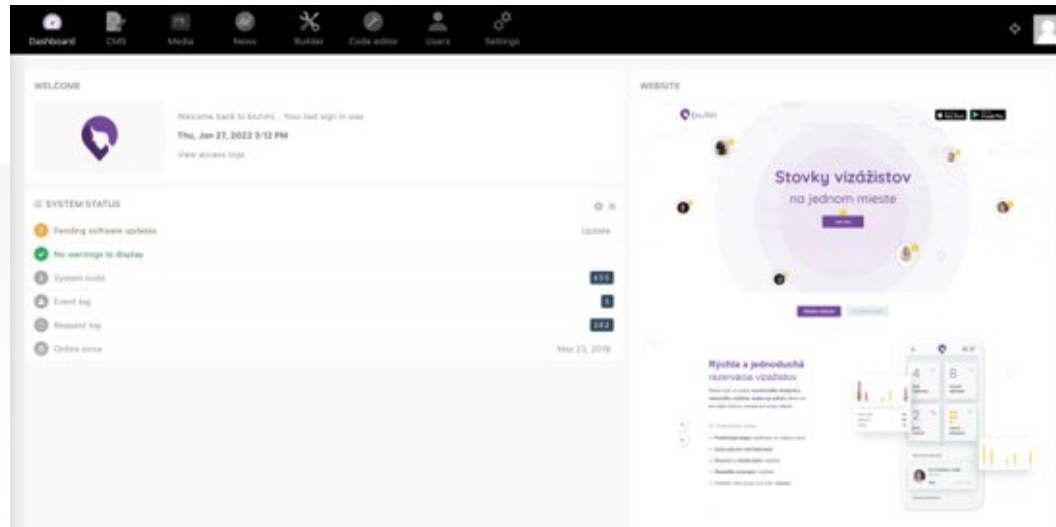
RESULT

We updated the application to the latest standards. Implemented secure payment gateway. From the customer's point of view this was an enormous success that the previous company was unable to achieve.

We introduced coding standards, and deployed both iOS and Android applications to the App Store and Play Store. Our experience with app submission streamlined process and we were successful with the submission.

Platform development
Case study   Track2Work - COVID19 monitoring system

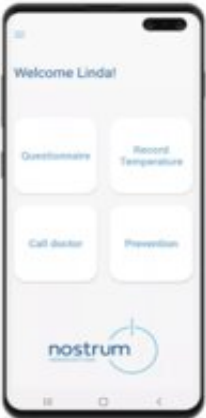## SITUATION

Client as a science-based company, Nostrum Innovation has proposed a medical registered company in Brazil to distribute and apply the questionnaires in place to companies in Brazil.

Our mission in this project was to deliver really quickly and on TOP quality level ecosystem to patient monitoring for COVID19 diagnosis improvements.

SOLUTION

RESULT

RST mobile app that helps companies to offer a safe environment to bring their professionals back to work in this COVID-19 times. By using of our app, employees can monitor their health, and respecting their privacy and confidentiality of medical information, we support companies on their back to work programs.

The company can find out the status of the areas / departments, of each unit. You can anticipate prevention programs and anticipate the risks of populations and / or a person. Our B.I. allows companies to apply RST more safely, thus increasing confidence and facilitating the obtaining of more professionals willing to engage in returning to work, even if applied with the partial home office.

Platform development
Case study { start-up }

App ecosystem for network monitoring & alerting

SITUATION

Client as a technological and security company, Synapsa technologies distributes and apply security solution primarily in CEE region. Based on previous experience they designed a new DevSecOps applications for threats mitigation and action based security solutions.

Our development team has been building an application for Synapsa company. Solution is based on standard frameworks, Java based technologies orchestrated in DevOps and CI/CD environment.

SOLUTION

INTERCONNECTOR
NETWORK SECURITY AUTOMATION

24/07 NDR or SIEM forwards detected threats directly to Interconnector in real time

Interconnector receives syslog messages and runs to trigger API call

Interconnector modifies a Firewall Ruleset for immediate mitigation in

FIREWALL AUDITOR
SECURITY POLICY AUTOMATION

SecOps Expert changes or creates a new security policy rule on Firewall

Auditor keeps checking the consistency and accuracy of the security policy rules

Auditor alerts (or) imminently and automatically disables faulty security policy

3. SECURITY POLICY AUDIT
Synapsa constantly checks for the accuracy of firewall security rules, automatically removes faulty ones and notifies SecOps team.

1. THREAT RECOGNITION
Synapsa identifies the cyber security threat, the attacker or faulty policy from network security tools and relevant data sources.

2. AUTOMATED MITIGATION
Synapsa immediately applies rules on firewalls, automatically blocks the threat and notifies the SecOps team for forensics.

RESULT

Development of this new set of products for Start-Up improved position of new company and increased value for new investors and implemented solution brings to clients a new weapon in fighting with cyber security crime.

Aside from new specialization gained during this project, the used technologies had a big impact to future company routing. Security solutions and enterprise technologies used for project delivery changed many aspects in team specialization and improved our situation in this industry.

Solutions & Services
TaaS

What we provide

Testing as a service (TaaS) is an outsourcing model in which testing activities associated with some of an organization's business activities are performed by a service provider rather than in-house employees.

Test strategy & planning

Perform the best approach and strategy is the key factor for whole QA planning and project or product delivery. During the time we developed own testing strategies and own DENEVY delivery methodology fot software testing.

Test monitoring & reporting

Periodically and in defined intervals need project stakeholders information about project status, quality outputs and so on. We own our reporting stack and report templates to most effective progress monitoring and reporting.

Manual testing

The purpose of manual testing is to identify the bugs, issues, and defects in the software application. We also own our specific checklists for most often test types

Automation testing

Front End technologies need usually different technologies to test like Back-end platforms. We are skilled in most trendy frameworks for both application ecosystems and we know how to use them effectively.

Performance testing

During the years we develop and provide our own framework for testing measure that evaluates the speed, responsiveness and stability of SUT (system under test)

Penetration & security testing

Based on Owasp methodologies we are able to simulated cyber attacks against your computer system to check for exploitable vulnerabilities.

Solutions & Services TaaS

How we add value

We customize the products we create as much as possible according to our clients' needs. There's no one size fits all solution for everyone — having agility at heart, we develop each platform finely tailored down to the smallest requirement.

Knowledge

New ideas in software development challenge also software testing methodologies and process. And we don't hang back. Day to day improvements in our testing process bring high value services to our clients.

Experience

From the beginning we are building strong testers community and to those days we cooperate with hundreds of testing specialist on various project worldwide.

Partnership

One of the most valuable principles what we stand is responsibility to achievement the client goals. That make us build more products and services with growth impact.

Solutions & Services
How can you benefit from TaaS

Reduced costs

Companies don't need to pay special personnel or host infrastructure necessary for test management. No licensing fees or personnel fees.

Pay-as-you-go pricing

Companies pay for only what they use.

High flexibility

Companies can easily adjust their service plan as their needs change.

Data integrity

The vendor often govern test data and performs tests in closed environments.

Scalability

TaaS offerings can be adjusted to suit the size of the company.

TaaS
Case study
Common service order management replacement

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SITUATION

Client as a Telecommunication company, based in Czech and Slovak Republic implement project to replacement provisioning core engine based on Tibco technologies in 2 countries Slovak and Czech together.

Vendor - D E N E V Y (l i k e a subcontractor BehaimITS) is a company that delivers Testing as a Service with whole Test Case Management and Test Automation tools family JunoOne.

juno
be efficient!

SOLUTION
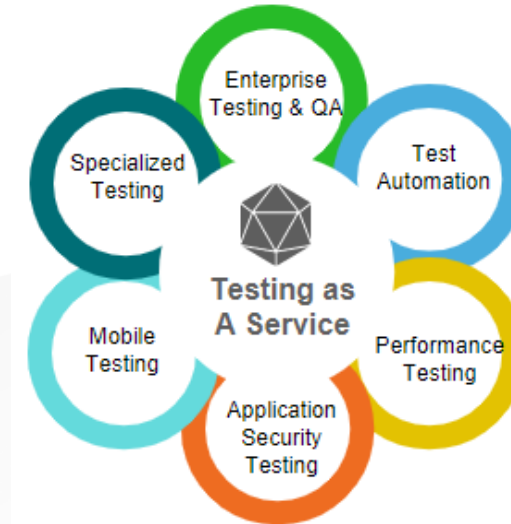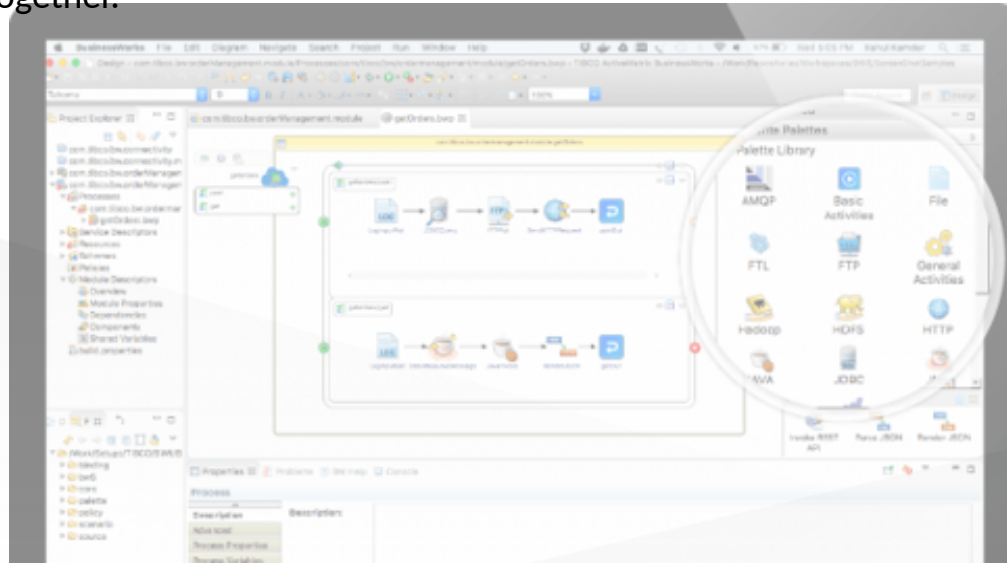
RESULT

Modern, scalable and standardized technology implemented by this project improve effectivity and cost management related with definition, provisioning and maintenance for all telecommunication services delivered to clients. Using Tibco technologies has long term effect in transparency and easy to manage product catalogue and other services.

Aside from new specialization gained during this project, the used technologies had a big impact to future company routing. Security solutions and enterprise technologies used for project delivery changed many aspects in team specialization and improved r situation in this industry.

TaaS
Case study { public sector } Oborová Zdravotní Pojišťovna - projekt ICIS

OZP OBOROVÁ ZDRAVOTNÍ POJIŠŤOVNA ZAMĚSTNANCŮ BANK, POJIŠŤOVEN A STAVEBNICTVÍ

**DENEVY** MAKE YOUR TECHNOLOGY ALIVE

SITUATION

Client as a insurance company, OZP implements project ICIS that deliver new core system for whole main business and insurance activities covered by company business.

Vendor - DENEVY is a company that delivers Testing as a Service with whole Test Case Management and Test Automation tools family Juno One.

juno ™ be efficient!
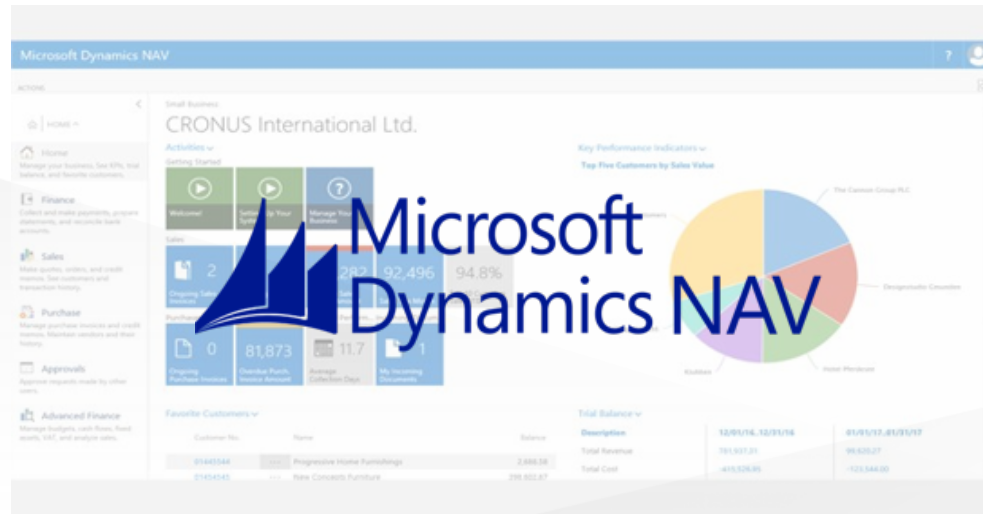
SOLUTION

RESULT

Replacement of an old and unusable solution for core company system brings better options for reaction to legislative changes, market changes and all basic trends in insurance business for better client care.

This project delivers all aspects Testing as a Service include Performance and Security testing. Also big improvement bring the juno.one family tools for Test Case management and Test Automation. Given approach secures effective way of delivering better quality for client. Testing team covers the whole communication between vendor and client on Enterprise Testing and QA level.

SITUATION

The subject of this delivery was a security test of the VCR (Central Cache system Registers), which consists of: VCR server, web portal for administration and VCR proxy.

During testing, we adhere to the following OWASP methodologies:

• OWASP Testing guide - https://www.owasp.org/images/1/19/OTGv4.pdf -
provides a detailed overview of most existing web vulnerabilities.

• OWASP Mobile TOP 10 -
https://www.owasp.org/index.php/OWASP_Mobile_Security_Project#tab=To
p_10_Mobile_Risks - this project maps the ten most important and most common
identified vulnerabilities affecting mobile applications.

• OWASP ASVS - https://owasp.org/www-project-application-securityverification-
This project defines a generally accepted standard for
web application testing and its scope.

• OWASP MASVS - https://github.com/OWASP/owasp-masvs - methodology for
mobile application controls

• Our internal methodology - we have developed an internal methodology that maps
ways of testing lesser known and often overlooked vulnerabilities.

SOLUTION

RESULT

After a sucessufull test execution we became a principal vendor for security tests in MPSS.

TaaS
Case study

Performance testing

SITUATION

The client planned a media campaign during the 2021 Ice Hockey World Championships and was not sure whether its portal would hold 5,000 VUs - 10,000 VUs. He approached us with a request for help in generating a load on its infrastructure, ie he asked us to implement Performance Tests.

SOLUTION
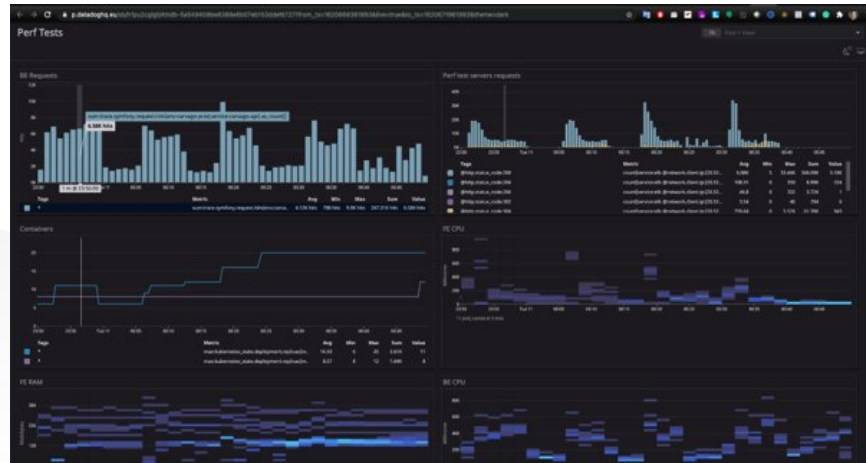
The flood plan was to generate a load from our infra and then combine the load from MS AZURE. This proved to be very inefficient and we had to reach for tools like Loadreo and loader.io to achieve the required load.

RESULT

During the campaign, the carvago.com portal managed about 5,000 VUs without any problems. The client thanked us because we fulfilled the assignment with professional and transparent approach.