

Information and Communication Technology Industry in Hungary



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MINISTRY OF
FOREIGN AFFAIRS AND TRADE
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Information and Communication Technology Industry





ICT Industry

Without Hungarians, IT might not even exist. John von Neumann is considered the father of modern computers. He invented the model known as the von Neumann-architecture as part of the EDVAC experiment in 1952. His design contained elements such as using a binary signal, a memory, an instruction system, and program storage, which allowed for creating the first modern computer. Hungarian-born researcher John K    ny co-developed a simplified programming language known today as BASIC. He served as the President of Dartmouth College, and he created the first time-sharing operating system. Andrew Grove, who was TIME magazine's 1997 Man of the Year, was also of Hungarian origin. As Intel's president, he boosted the speed of microprocessors. Charles Simonyi was a leading developer at Microsoft. Initially, he was in charge of developing Multiplan, the predecessor of Word and Excel. He also introduced the concept of object-oriented programming at Microsoft.

The Information and Communication Technologies (ICT) sector is a crucial area in today's economy all across Hungary. Its production value provides 5 percent of the country's GDP. More than 4 percent of active employees work in the field of the digital economy. The amount of goods and services provided by the sector accounts for 13 percent of Hungary's national export. The continuous and dynamic, double-digit yearly upturn observed in the digital economy greatly exceeds the country's GDP growth rate.

Fifty-five percent of the sales revenue of domestic ICT companies comes from export sales. Telecommunication

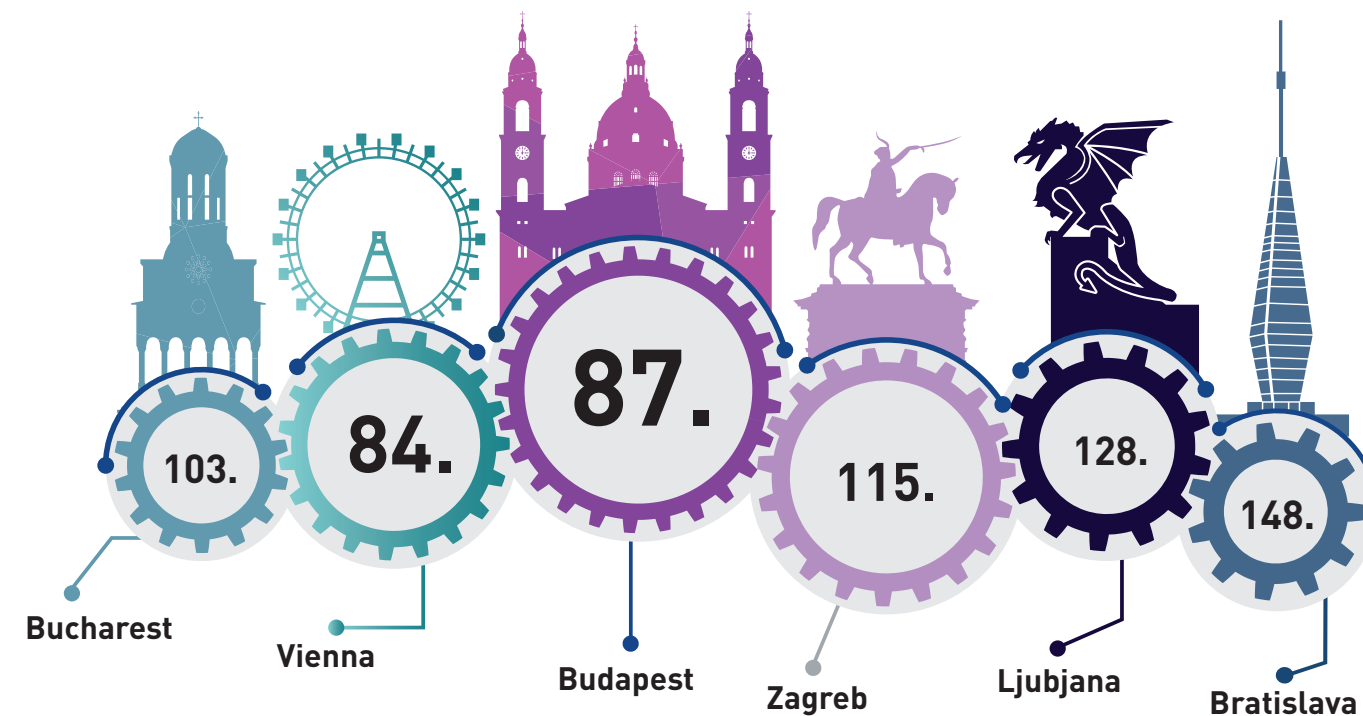
devices, computers, and peripherals make up one-third of ICT product export. Although the external trade turnover of ICT services is substantially lower than that of the trading of goods, it has become more and more significant and has an increasing share of the foreign trade surplus. In 2017, the combined export turnover of ICT services (telecommunications, IT and database services, online publishing) grew by 12 percent in just one year.

Compared to other regions, the sector's overall contribution to the national GDP is the largest in Hungary. Besides, the proportion of companies manufacturing ICT devices is also of top value.

The Hungarian ICT sector has key competences in several areas, most importantly, smart city and traffic, energy management, health services, agricultural, banking and enterprise software solutions, security printing, and cybersecurity software solutions. The startup ecosystem has been getting more robust in the country, and the cooperation between companies and universities also



START-UP ECO-SYSTEM RANKING OF CEE CITIES 2020



Source: StartupBlink

gained new momentum. Several programs help young people reach their full potential and companies can discover promising candidates more efficiently than ever. The Startup Campus Hungary program powered by HEPA supports the best ideas emerging from universities and helps students create marketable and internationally successful products and startups.

The domestic ICT sector boasts a few international success stories as well. Hungarian design software company, Graphisoft has solutions used worldwide for several decades. The Budapest-based navigation software firm, NNG started as a small startup and has become one of the leading vendors across the global automotive industry in 10 years. One of its most well-known solutions

is navigation software, 'iGO'. Their products are available in 190+ countries and 50 different languages. One of the most notable success stories of the past few years is Prezi's web-based presentation software, used by 100+ million people globally. Talk-a-Bot, who also builds chatbot solutions, have been dynamically expanding to external markets propelled by an investment of several million Euros.

13% of Hungarian exports are related to the ICT sector

BLACKBELT TECHNOLOGY LTD.

BlackBelt is a software innovation company based in Budapest, one of the European Union’s fastest-growing tech capitals. The company utilizes its low-coding platforms, replacing most traditional programming (e.g., hand-coding) activities done by human developers with software robotics (automated programming) in a model where human developers only need to do critical tasks. BlackBelt is proud that its developers are seniors, earning the title ‘master of technology’ by experience in business-critical projects.

www.balckbelt.hu
Info@blackbelt.hu
+36 1 611 0462
H-1027 Budapest, Királyfürdő utca 4.

PRODUCTS & SERVICES

Providing excellent IT resources

Based on its long experience and presence in the Hungarian IT market, BlackBelt can find and onboard the best, highly educated IT experts that best fit its customers’ requirements.

Custom business application development

By relying on commercially available and BlackBelt’s low-code development platforms, the company can create functional business applications in an instant.

IT professional services

Best practices, best-of-breed solutions tailored to specific client needs, based on research and hands-on experience.



ADVANTAGES

Blackbelt boosts YOUR software innovation by

- rapid prototyping and fast software developments resulting in your prototypes in 2 weeks, your first software release to users (minimum viable product; MVP) in 2 months;
- providing dedicated senior teams to develop your product or improve your operations and internal processes;
- building up, managed, and transferred software development and project management (i.e., R & D center) organizations leading to your turnkey development center in Budapest.



REFERENCES

Telecommunication sector Nordic region

Development of an application to support the installation of telecommunication base stations, project planning of hardware requirements, purchase demand consolidation, documentation multilayer data gathering, and integration with back-end systems.

Banking sector CEE region

Development of The Instant Payment Gateway, which is responsible for the communications between systems. The new payment system aims to make payments available between Hungarian payment accounts within seconds, on a 24/7/365 basis.

Retail sector CEE region

Design and develop a B2/B2B2C e-commerce platform solution, including more than 40 applications for more than 40 countries and 20+ languages.

PRIMARY TARGET MARKETS

Austria / Germany / Switzerland / Sweden / USA

EFFECTIVE GROUP IT LTD.

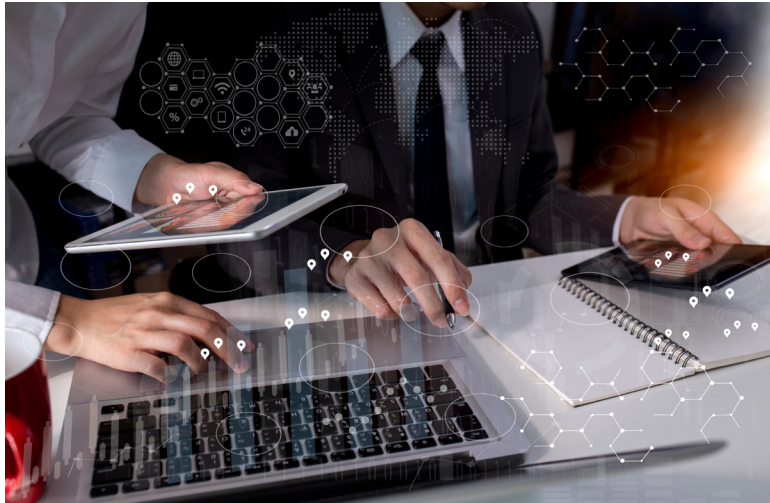
Effective Group IT Ltd. started its unique software development and related support services activity on the Hungarian IT market in 2011, being the first as such a company. By 2020, its total workforce exceeded 50 people.

The company expanded its service portfolio with consultancy, project management, and quality assurance, IS audits, helpdesk services, systems integrations, operational and supportive services in many fields of IT expertise.

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info@effectivegroup.hu
+36 1 202 2571
H-1123 Budapest, Alkotás utca 55., Hillside “C”
Irodaház, 4. emelet

PRODUCTS & SERVICES

Effective Group IT Ltd.’s main services are software design and development, IT system integrations, operations and operation support, IT infrastructure, application, and service monitoring, IT service management and related consultancy.



ADVANTAGES

All the Effective Group IT Ltd.’s experts are highly qualified and have years of trackable professional experience gained in various industries. They can translate the clients’ needs to the “language of IT” precisely and effectively.

Effective Group IT Ltd. maintains a good relationship with its clients and partners during all projects and continuous service activities.

REFERENCES

MVM Net Zrt.
Planning, implementation, support, and continuous development of a comprehensive, integrated OSS / BSS monitoring and service management environment.

Magyar Közút Nonprofit Zrt.
Planning, implementation, support, and continuous development of the highly integrated route authorization solution according to the regulations of the respective Ministry for all types of vehicles to be licensed for road and special route usage.

PRIMARY TARGET MARKETS

Austria / Germany / UK / USA

MORTOFF LTD.

Mortoff is an enabler for the full Digital Transformation of multinational companies, where, through in-house innovation, it delivers results and values rather than products and services. Its multi-technology, multi-industry approach guarantees the most tailor-made solutions to the needs of its customers. Mortoff is a team of approximately 170 people across 3 locations, with a solution-oriented mindset, which goes beyond traditional solutions.

The experience gained over the past years, and a team of excellent, well-trained professionals reached that Mortoff has a great name in the domestic market and abroad.

www.mortoff.hu
a.szonyi@mortoff.hu
+36 20 329 1280
H-1138 Budapest, Dunavirág utca 2., Gateway Office Park, I. torony, 3. emelet

PRODUCTS & SERVICES

Mortoff offers tailor-made solutions for your company. Starting from outsourcing in development, testing, and BI functions, through several technologies, like JAVA, .NET, C++, frontend technologies, test automation, Big Data, Robotic Process Automation (RPA), and CRM solutions, ending with its in-house products for test management (Testify) and Industry 4.0 solution (REACH).

The services are designed to provide complete development teams, mainly in SCRUM methodology, depending on the projects' needs. The company's experienced colleagues are available from concept to implementation.



ADVANTAGES

Mortoff offers services from 3 locations, with an extremely flexible approach. Its broad technology portfolio and industrial background in many areas (Finance, Manufacturing, Retail, Utilities) allow you to receive more than traditional development. Still, the company is also keen on understanding your needs, offering you go beyond solution, and delivering in any circumstances. In the future, Mortoff will focus on expanding its services abroad, especially to Germany, Austria, Netherlands, Sweden, and the USA.

REFERENCES

Mortoff developed a cutting edge Industry 4.0 solution for a Japanese Tier1 automotive supplier. Data collection and real-time evaluation of data received from the machinery helped the factory improve its efficiency.

Implementation of a CRM system for a leading financial institution in Hungary led to much better customer service. The project started with a deep analysis of business needs.

The development of the complete customer service system for the most significant job portal in Hungary made Mortoff proud because the company helped to build the most competitive service for its customers in their field.

PRIMARY TARGET MARKETS

Germany / Austria / The Netherlands / Sweden

ARH INFORMATICS INC.

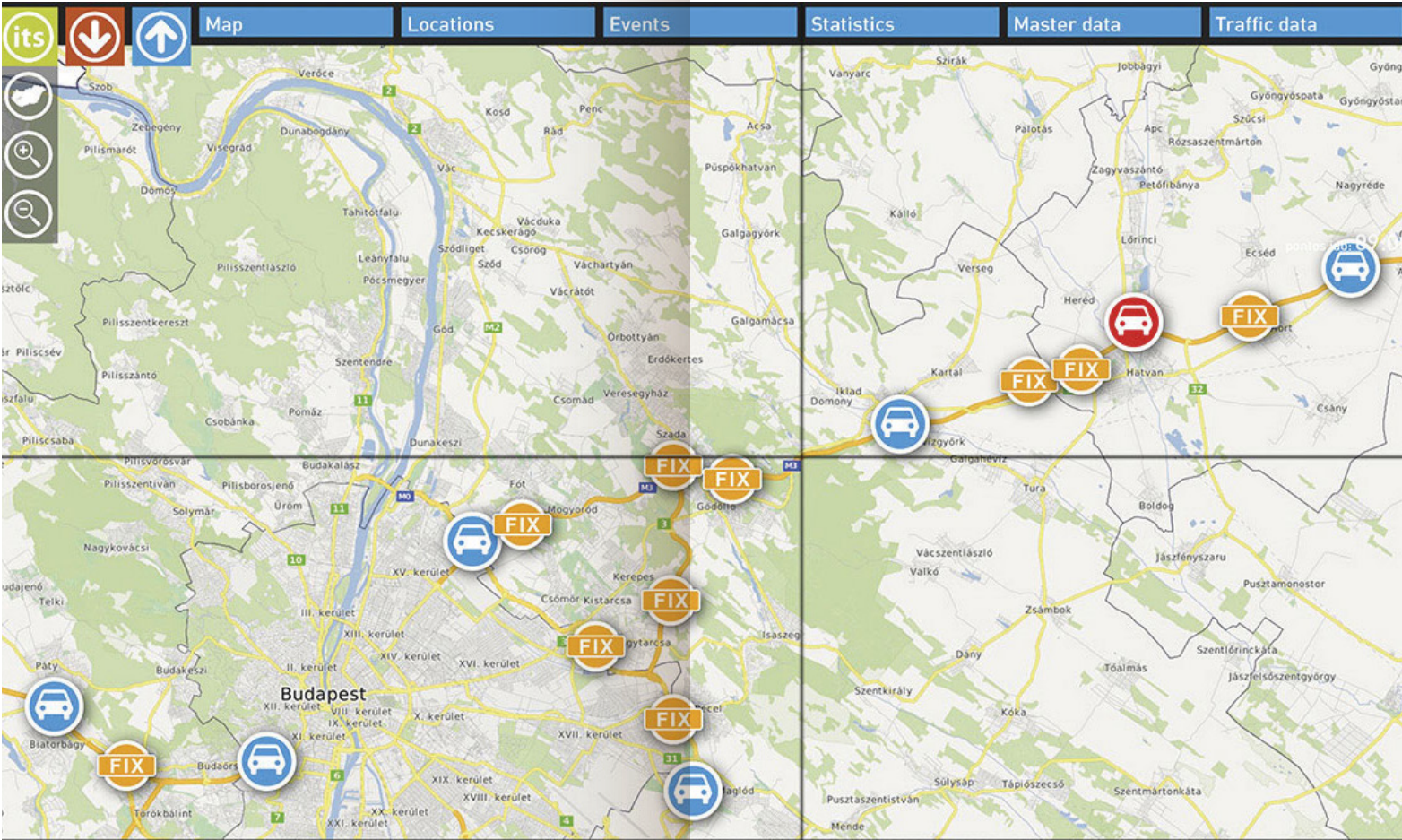
ARH stands for Adaptive Recognition Hungary Inc., which is a privately-owned, 29-year-old technology company headquartered in Budapest, Hungary. The company develops and sells proprietary AI-based image recognition software and hardware solutions that transform road traffic, transportation, and personal identification industries into data-driven, secure and efficient environments. ARH runs a global operation with subsidiaries in the USA, Denmark, Singapore, and the Czech Republic with over 12,000+ satisfied partners and more 160,000 systems installed worldwide.

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requestinfo@arh.hu
+36 1 201 9650
H-1123 Budapest, Alkotás utca 41.

PRODUCTS & SERVICES

All the products and solutions are related to AI-based image recognition and Optical Character Recognition (“OCR”), such as license plate recognition software and cameras, ID document scanners for reading and verifying IDs, intelligent Transportation Systems and smart CCTV security systems.

Application areas range from parking management systems, toll collection, road traffic enforcement (speeding, driving through red lights) to ID reading and verification at banks or borders, in KYC and AML systems, area protection, and incident detection.



ADVANTAGES

As a customer-focused company, ARH is opting to build solid, long-term relationships with its clients. The company possesses remarkable manufacturing resources, including blueprint design, chip implanting, heat and shock testing and automated, robot-assisted assembly. ARH is ISO 9001, ISO 14001, and ISO 27001-certified.

REFERENCES

Passport and ID document reading and verification systems at the Singapore Airport (Client: Singapore Immigration & Checkpoints Authority).

Highway toll enforcement systems in Europe, South-East Asia, and North-America. Various clients. ARH provided the recognition software and cameras.

Guest check-in and parking management systems in Middle-East, Europe, Asia, and Australia. Various clients.

PRIMARY TARGET MARKETS

Worldwide

CRAFTUNIQUE LTD.

CraftUnique Ltd. is a Hungary-based company developing and manufacturing the CraftBot 3D printer family to provide easy-to-use and reliable 3D desktop printers with five years warranty. CraftUnique offers a complete 3D ecosystem: CraftBot 3D printers, CraftWare slicer software, filaments, and 3D lesson plans.

Since breaking into the market in 2014, CraftUnique has gained a positive reputation, with more than 10 000 printers sold predominantly in the EU and the US.

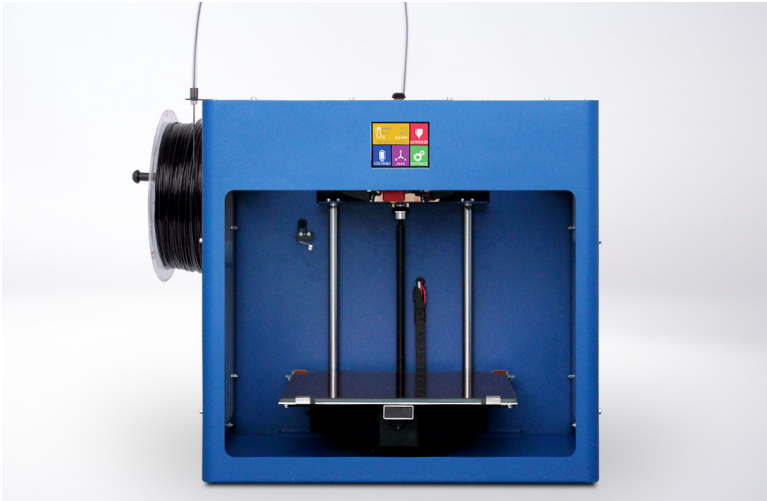
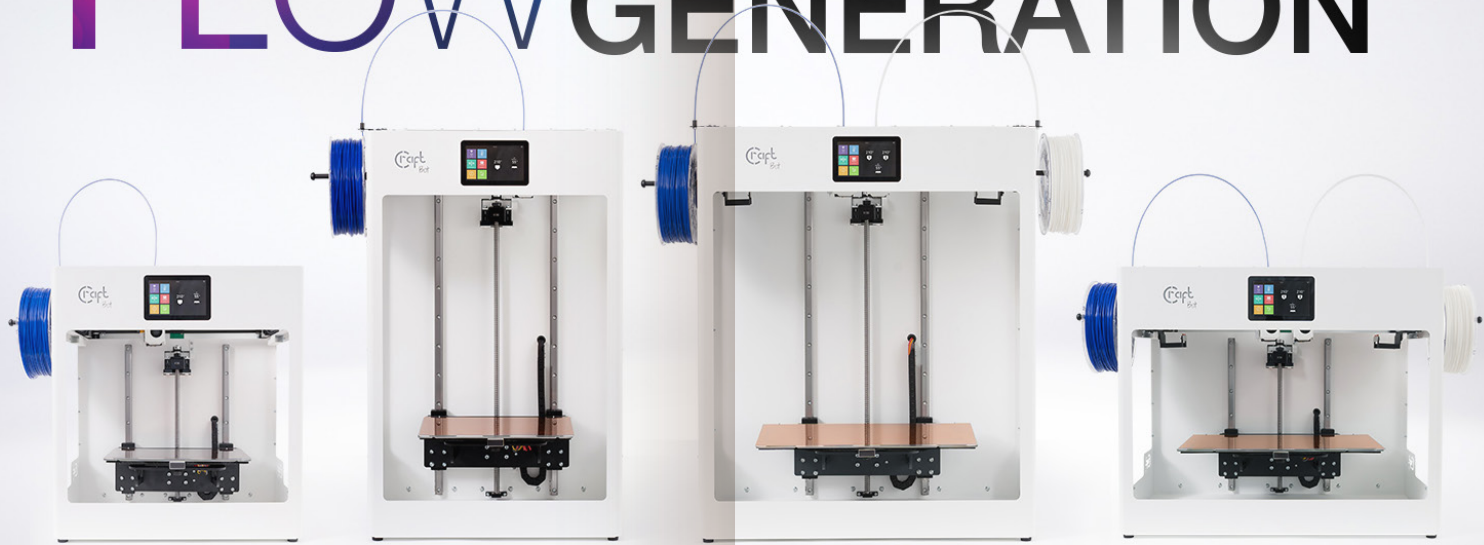
www.craftbot.com
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H-1143 Budapest, Ilka utca 50.

PRODUCTS & SERVICES

CraftUnique offers complete 3D ecosystem, including a wide range of FDM 3D printers – from the well-known plug&play CraftBot Plus to the professional FLOW generation 3D printers with market-leading features and functions, the in-house slicer software, CraftWare, filaments and 3D lesson plans.

CraftUnique has three primary target markets: the industrial sector (prototypers, manufacturers), education (schools, maker spaces, universities), and the makers / hobbyists.

CraftBot FLOW GENERATION



ADVANTAGES

CraftBot printers are reliable desktop 3D printers with 5 years warranty. The products represent great value for money. With dual independent printing head productivity can be doubled.

The market leading features are (Flow Generation printers) the flexible, heatable, removable build plate, the Filament Monitoring System (FMS), huge build volume, the IoT system (monitor, manage your print from other location that the printer is), MESH bed levelling, the built in video camera, dome, door are optional, and the safe mode for educational use.

REFERENCES

- Texas UniverCity:** Print farm installation
- Digital Education Center,** learn by playing
- Adidas:** Show Room decoration (End Plastic Waste)
- LUNARK project:** design, construct, and test an innovative lunar home

PRIMARY TARGET MARKETS

France / Spain / Russia / USA / Middle East

IVM CO.

IVM Co. was founded in 2010, the company is a critical player in Hungary. In the development and operation of micro-logistics solutions, with strong positions in Central Europe, it is transforming its business and the value proposition. Today it's operating in more than 25 countries with 800 satisfied customers and 70 channel partners.

IVM Co. has 16 solutions for automated storage and distribution systems with custom-developed distribution software.

Continuous innovation, flexibility, solution focus, and dynamism stand out among IVM Co.'s values and goals.

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sales@ivm.hu
+36 30 633 1552
H-8000 Székesfehérvár, Berényi út 72-100., Building 22

PRODUCTS & SERVICES

SavePro
Award-winning automat for protective equipment (PPE), tools, office supplies, medical devices, and other consumable.

SaveRent System
For reserving, renting work tools.

SaveRing
3in1 carousel vending machine.

SaveReturn
For returning used tools, equipment.



SaveBox Control Unit
Modular, cabinet-type vending system.

SaveFlex
For ICT and office supply dispense.

Virtual vending
Virtual warehouse system.

SaveLog API
Application Programming Interface.



ADVANTAGES

IVM Co.'s automated distribution systems, storage, distribution of industrial, medical, and ICT equipment, materials are extremely simple, 100% controllable, and efficient; it supports the Lean and Kai-zen approach.

With IVM Co.'s products and services, the end-user can monitor the complete life cycle of any item placed inside its solutions, supporting recycling and reducing environmental waste.

REFERENCES

Freudenberg s.r.o saved 15-20% on their PPE costs and got a simple administration of the consumption. Their supplier gets automatic notifications from the machine via email; thus, refilling is easy and continuous.

Dexis Slovakia s.r.o. – a PPE, MRO, and handtool supplier – wanted to bring their PPE solutions to the next level and offer full-service solutions to their customers, including vending solutions and automation.

PRIMARY TARGET MARKETS

Balkan / Romania / Poland / Austria / Germany

ANY SECURITY PRINTING COMPANY PLC.

ANY Security Printing Company Plc. is the leading security printing company in Hungary and the CEE region. Hungarian identity documents, including eID cards and ePassport, are supplied by the consortium, which is led by ANY Plc. and it has the technological background for the planning of document issuing systems as well. The specialists of the Document Security Laboratory of ANY have developed numerous complex, efficient protective solutions, including document printers, security inks, paper additives, and special control devices. The company's references, unique technology, and security preparedness guarantee that ANY Plc. can offer its customers the best possible product.

www.any.hu
info@any.hu
+36 1 431 1200
H-1102 Budapest, Halom utca 5.

PRODUCTS & SERVICES

ANY Security Printing Company's strategy is focused on secure person and product identification and payment-related products. The company offers its products and solutions for state administration, and various ministries. Products and solutions we provide for the government vary from e-ID (residence permit, refugee card; driving license, student card, voter's card) to paper-based documents such as passports, breeder documents and visa for personal identification, ballot printing, excise, and tax stamps as part of the fight against crime.



ADVANTAGES

ANY Plc.'s products are manufactured using cutting-edge technology, coupled with its staff's innovative professional knowledge. The references, document security solutions developed by its R&D team, unique technology, and security preparedness guarantee that ANY plc. can offer its customers the best possible product.

International and domestic certificates of ANY Plc. guarantee that its products and services for governmental and non-governmental organizations conform with the accepted international standards.



REFERENCES

Hungarian electronic identity card

The new contactless chip cards were issued in less than seven months; nowhere in the world has been made such a document with such strict security functions in such a short time.

Vanuatu passport

Thanks to R&D of ANY, Vanuatu became the very first country to introduce such thoroughly ICAO compliant travel documents, which are enriched with multicolor features on the cover as well.

Visa sticker for Guinea

ANY is expert in the production of visa stickers, as the company is experienced in printing Schengen visas for numerous European countries, but in Africa (i.e., Guinea) as well.

PRIMARY TARGET MARKETS

Ghana / Angola / Rwanda / Ivory Coast / Egypt

BLACK CELL LTD.

Black Cell is a professional cybersecurity company with specialists of over 50 years of combined experience in each of its divisions: Security Operations Center (SOC), Managed Security Services and Integration, Offensive Security Services and Compliance and Risk Assessment. Black Cell is a pioneer in a niche market, providing high-quality services to every client, regardless of the size of the business or the size of the individual deal. Black Cell acts fast, the company is dedicated to solving complex problems and it works flexibly to meet the most rigorous expectations.

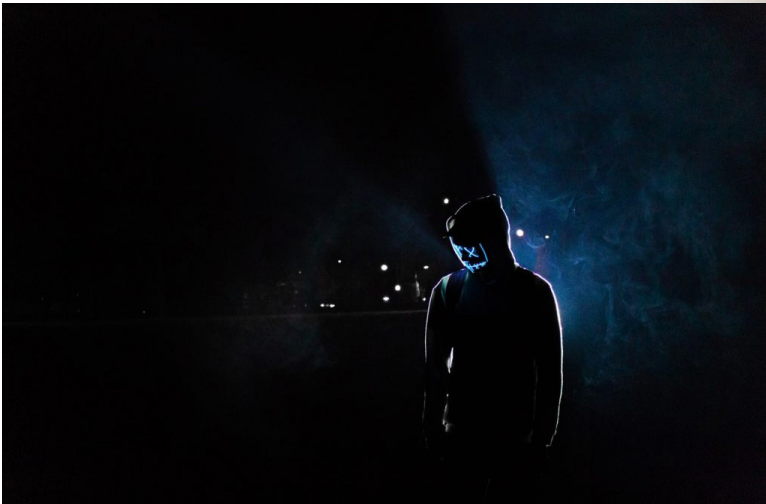
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H-1064 Budapest, Vörösmarty utca 67.

PRODUCTS & SERVICES

Black Cell SOC is a managed Cyber Security Operations Center suitable for all kinds of organizations – e.g., SMBs, large enterprises, state actors, and critical infrastructures – regardless of their size.

Offensive Security Services: Ethical hacking, penetration testing, Red teaming, Open Source Intelligence-based information gathering, Vulnerability Assessment, and social engineering.

Compliance and Risk Assessment: offers a wide variety of tailor-made consultancy services that helps organizations to comply with European Union and Member State cybersecurity and privacy legislation, international standards; to perform risk assessments and to ensure appropriate procedures are in place to guarantee business continuity and disaster recovery.



ADVANTAGES

All of Black Cell's divisions specialize in protecting industrial control systems (ICS, SCADA), as safety and security are essential requirements ICS and SCADA manage critical infrastructures. SCADA systems feature human-machine interfaces (HMIs) and programmable logic controllers (PLCs) that monitor industrial operations and support systems such as the IT network, web servers, and databases that work together in a typical environment.

Black Cell is also a certified and vetted security solution provider partner for Microsoft's clients using cloud-based environments.

REFERENCES

KPMG Global Services Hungary: Penetration testing with a total deal value of <20 000 €

Microsoft Magyarország: Penetration testing with a total deal value of <5 000 €

UPC Hungary: Managed security services with a total deal value of >100 000 €

PRIMARY TARGET MARKETS

Germany / USA / Poland / Czech Republic / Slovakia / Baltics / Austria

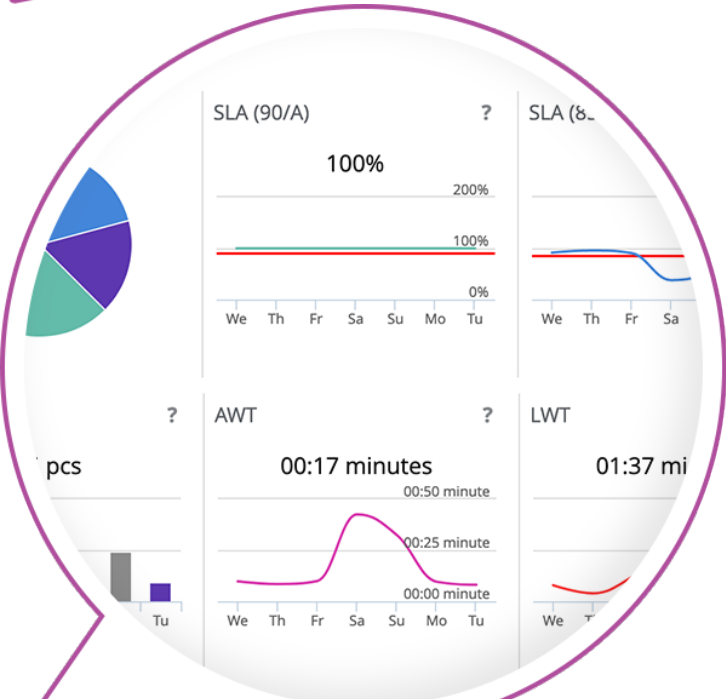
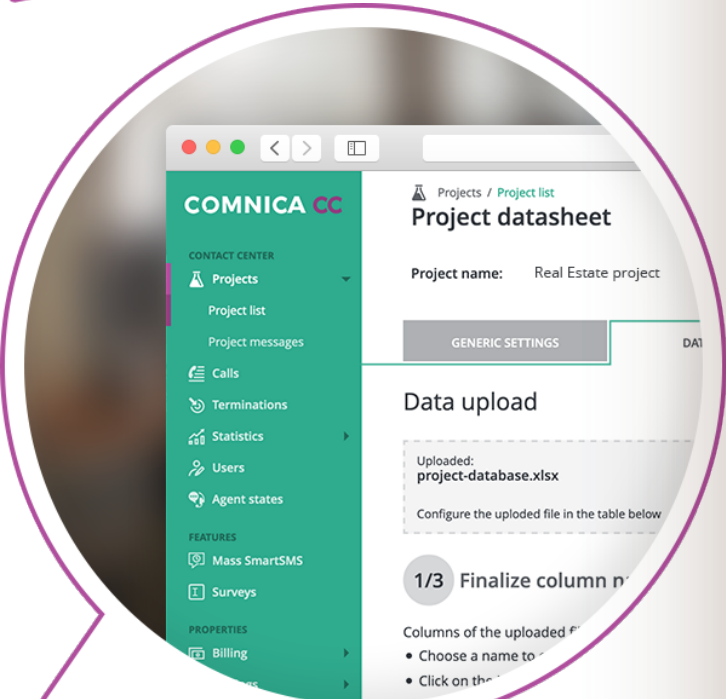
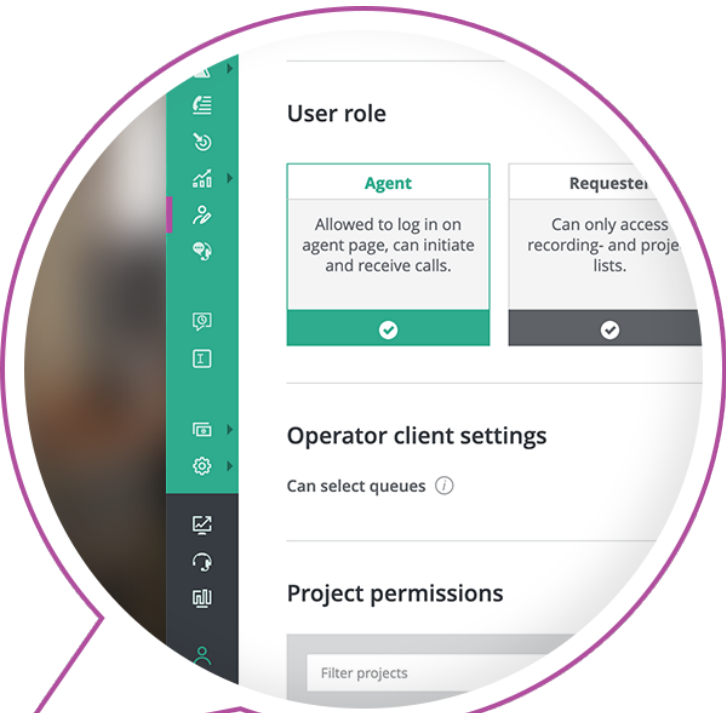
COMNICA LTD.

Comnica is a privately-owned Hungarian company delivering internet-based communication services and contact center solutions. It has been active in telecommunications for 17 years and provides its services in 40+ countries connecting 100+ local and international networks. Comnica Contact offers cloud-based virtual contact center and client management solutions for all those who want to improve their businesses, customer relations, and customer experience. Comnica connects its clients with their customers via phone, email, SMS, and video call. Its products are leveraged by customer service centers, enterprises and SMBs.

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H-1119 Budapest, Mohai út 38.

PRODUCTS & SERVICES

Comnica provides communication solutions from simple telecommunication services through comprehensive SmartSMS marketing to complex multi-channel contact center solutions. Comnica Contact Center is a virtual call and contact center solution for companies ranging from the smallest enterprises to the largest ones. A safe and straightforward cloud-based solution with easy access from anywhere in the world. Comnica CC offers you a connection to your customers via phone, email, SMS, and video call, allowing you to blend your channels any time or use them separately in your campaigns. Smart call management, easy to use transparent interface, real-time control, continuous quality assurance, sophisticated reports, and simple visualization is critical features of the system. Comnica's SmartSMS platform offers the highest possible CTR rate for its client's surveys, loyalty programs, and promotions in numerous business areas.



ADVANTAGES

Comnica's advantages are straightforward-to-use and setupp cloud-based modular solutions, with high customizability and features that allow a very competitive, increased efficiency and measurability of all activities within the system. It provides a high level of support to its clients, guiding them towards the perfect solution for their endeavors, aiding them along the way. Security is essential; Comnica is both ISO and PCI DSS certified and providing its services fully redundantly.

REFERENCES

Comprehensive contact center services for Wizz Air. We provide A-Z communication solutions for Wizz Air. 200+ users, five outsourced call centers, in 5 countries.

Comnica serves TATA with its multilayer redundant infrastructure; minutes going through Comnica's system increased during the last 3 years with an entire magnitude.

Almost 300 customer service representatives use Comnica CC to connect potential and existing customers over the phone at Aegon.

PRIMARY TARGET MARKETS

Czech Republic / Slovakia / Poland / Bulgaria / Serbia

CONTROLSOFT AUTOMATIKA LTD.

CONTROLSOFT AUTOMATIKA Ltd. offers complex solutions to business partners who find it necessary to receive quick, precise, and substantial information on their activities. Its software and the accompanying electronic and mechanical background makes it possible to control the different technological processes in an integrated way and to provide continuous supervision.

With its systems' help tailored to the customers' unique needs, parallelisms can be evited, operational security, and the lifetime of the installed technologies can be increased. All of this can, in turn, contribute to the improvement of economic indicators and operational efficiency. For CONTROLSOFT AUTOMATIKA Ltd., IoT and Industry 4.0 is not a novelty but a decades-long experience.

www.controlsoft.hu
info@controlsoft.hu
 +38 88 576 100
 H-8200 Veszprém, Csillag utca 1.

PRODUCTS & SERVICES

Controlsoft Automatika Ltd.'s service portfolio includes electrical general construction works, industrial automation (PLC programming, SCADA, process instrumentation), the design, manufacturing, and installation of mechatronic systems (packaging, labeling, and automation systems), software development, Smart City solutions, airport management and control systems and Industry 4.0 solutions.



ADVANTAGES

Controlsoft Automatika Ltd. being a family-owned company, it is very flexible regarding the decision-making process. With 25 years of export experience in 3 continents and 12 countries and with more than 2,500 completed projects, Controlsoft has digitalisation, Industry 4.0 and IoT in practice in the company for decades. The company has 60 highly qualified experts, including engineers, designers, software developers and technicians. Controlsoft Automatika is a distinguished partner of Siemens and Schneider Electric, and has won numerous R&D and innovation prizes.



REFERENCES

Budapest International Airport – Reconstruction of the complete light control system (1 million EUR)

- 9.000 controlled lights
- 264 current controllers
- Ground Control Radar integration
- 18 million passengers each year

Mercedes-Benz robotic arm programming (1,5 million EUR)

- Programming process of the mechanical assembling robots
- Kecskemét, Bremen, Stuttgart

Schneider Electric CEE carton box folder system (0,5 million EUR)

- The preparation of 300 boxes per hour
- Selection from 4 differently-sized boxes
- 40 optical sensors for tracking the actual position of the carton boxes

FGSZ Zrt. (Natural Gas Transmission Company) (1,5 million EUR)

- Universal Display Application system
- Supervision of the whole national gas supply network

PRIMARY TARGET MARKETS

Westen Balkan region / Gulf region / Western Europe / Scandinavia

POLYNET LTD.

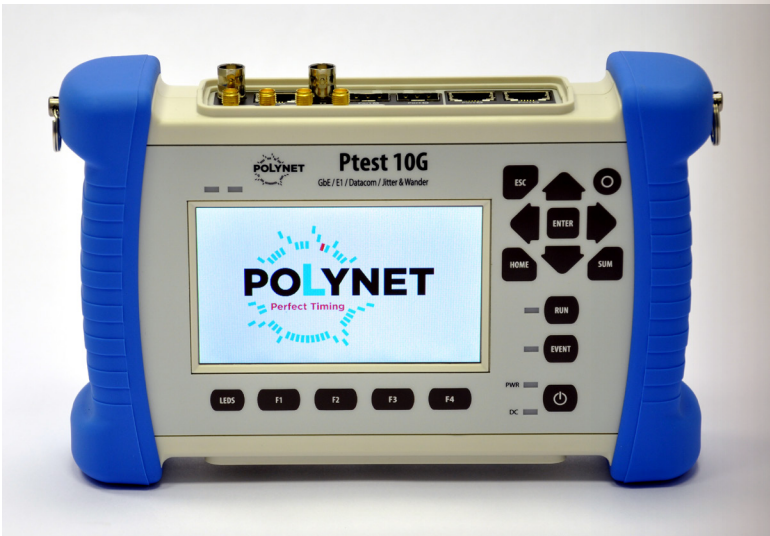
PolyNet was established in 1994 by Hungarian telecom engineers and headquartered in Budapest, Hungary. PolyNet focuses on a particular segment of telecommunication solutions by developing, manufacturing, and implementing network synchronization systems and providing value-added services. As an equipment manufacturer, PolyNet produces frequency references and time sources such as IEEE1588 PTP Grandmasters, Primary Reference Clocks, NTP Servers, and testing devices.

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PRODUCTS & SERVICES

PolyNet’s main products are the PTPGM 1010 Grandmaster Clock, the PTPGM 1009 Grandmaster Clock, the Ptest Wander Analyzer, the NTP Server and the E1 Splitter.

The company’s service portfolio includes network analysis and optimisation surveys (Synchronization Audit), synchronization network planning and consulting, network synchronization training and workshop (in English, French and Hungarian languages), planning, installing and commissioning of hardware, ongoing user support (help desk, support synch network, spare parts management, yearly on-site sync network check).



ADVANTAGES

Because PolyNet designs and builds its equipment, it has the in-depth technical knowledge and more than 25 years’ experience. PolyNet is a fully independent private company, not linked with any vendor or operator. Its PTP Grandmaster clock is a world-class product with the best Client/User price. PolyNet always provides quick response time and personal services for its clients. Its specialized laboratory can test any telco equipment’s synchronization compliance and simulate 1,000’s of PTP clients. The company has 130+ installed synchronization systems across Africa and Europe.



REFERENCES

Vodafone Malta - since 2009
Turnkey nationwide network synchronization project
Provided services: Network Synchronization Audit, Sync Network Implementation, Network Synchronization Training, Sync System Remote Monitoring service.

MTN Uganda – since 2010
Turnkey nationwide network synchronization project for implementing a new synchronization network.
Provided services: Network Synchronization Audit, Sync Network Implementation, Network Synchronization Training, Sync System Remote Monitoring service.

Botswana (BTC and Bofinet) – since 2012
Project objectives: Turnkey nationwide network synchronization project for implementing a new synchronization system based on PTPGM1010.
Provided services: Network Synchronization Audit, Sync Network Implementation, Network Synchronization Training, Sync System Remote Monitoring service.

PRIMARY TARGET MARKETS

Croatia / Slovenia / Great Britain / Tanzania / Zambia

QUADRON CYBERSECURITY LTD.

Quadron Cybersecurity Ltd. was founded in 2014 by Hungarian private individuals to provide highly qualified cybersecurity professionals for the international market. Quadron Ltd.'s mission is to keep up-to-date with the advancement of info-communication technology to optimize its clients' cybersecurity readiness, awareness, and responsiveness to maintain their profitability and enhance it through its innovative services. Quadron Cybersecurity Ltd. looks to offer the broadest range of products in the developing cybersecurity market in Hungary.

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+36 1 796 2122
H-1051 Budapest, Sas utca 10-12.

PRODUCTS & SERVICES

Quadron starts with any client by assessing the security strategy of the enterprise throughout a personal consultation. After this is done, it offers state-of-the-art protection systems tailored to the company's specific needs. Information security supply is a core service of Quadron Ltd., which ranges from essential IT security product delivery to complex security system delivery. Although it is the primary business source, Quadron does not stop at the cybersecurity industry's edge. The company is also involved in self-driving car development, intelligent traffic management, and R&D projects.



ADVANTAGES

The advantages of partnering with Quadron include continuous and simultaneous monitoring (5x8 or 7x24) of all IT security systems. It is effortless to outsource IT security, but very difficult and expensive to do in the house. Its service includes preventative alerts and immediate reports when an incident occurs. In addition to analyzing events within the network, the anomalies revealed are compared to activity worldwide (real-time global intelligence - Global Intelligence Network). By outsourcing cybersecurity with Quadron, you avoid paying five full-time analysts.

REFERENCES

Quadron has worked with several companies that would tell you the service the company provided was high quality, and its employees are incredible experts. Quadron has partnered with clients in critical national infrastructure (e.g., Hungarian Air traffic control, National Water and Disaster Management Authority, Hungarian Railways in Hungary), ministries (e.g., Ministry of Finance in Kuwait), government finance (e.g., National Treasury and the Export-Import Bank), banks (e.g., Erste Bank, Budapest Bank, Raiffeisen Bank in Hungary), insurance (e.g., Signal in Hungary), telecommunication (e.g., Magyar Telekom, Telenor, Vodafone in Hungary, Qualitynet in Kuwait & TRA in Bahrain), and pharmaceuticals (e.g., Richter, Bayer in Hungary & Natmed in Kuwait).

PRIMARY TARGET MARKETS

Europe / Middle East / USA / Serbia / Africa

TALK-A-BOT LTD.

Talk-A-Bot is an enterprise chatbot provider. It aims to automate and monetize business to human communication. Companies already spend too much time and money on repetitive communication tasks.

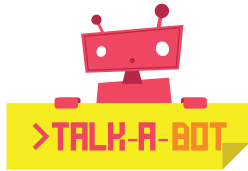
By automating communication, Talk-A-Bot turns digital business conversations into secure, app-like services for both customers and employees. By creating meaningful conversations, it changes your company’s internal and external communication to a fast, effective, and only better experience.

www.talkabot.net
akos.deliaga@talkabot.net / info@talkabot.net
+36 70 294 0074
H-1025 Budapest, Pusztaszeri út 5.

PRODUCTS & SERVICES

Talk-A-Bot applies sophisticated open-source technologies – AI, NLP, and Machine-learning – to create intuitive business tools. Its clients’ data is not shared with open-cloud services.

Its unique, multilingual bots natively support 100+ languages and built from over 30 integrable function modules of its very own framework. Talk-A-Bot’s content communication know-how helps its clients achieve at least an 85%-95% response accuracy rate with their chatbots.



ADVANTAGES

All bots Talk-A-Bot has ever made are different because they are tailored to each client’s cultural, geographical, and business needs. Talk-A-Bot provides marketing and content management service and a customized bot personality – character, communication style, avatar. Choose from its ready-made use cases for lead generation, digital coupons, loyalty campaigns, micro-education, marketing automation, internal business communication, or customer service.

REFERENCES

Erste Bank: Messenger, Viber, and a portal chatbot that automates 97% of the contact center’s recurring questions.

Bosch: Internal communication solution that informs 16 000 workers who otherwise don’t have other forms of digital channel.

Praktiker: shopping assistant chatbot that responds to 99 of typical user questions.

PRIMARY TARGET MARKETS

Poland / Austria / Germany / The Neherlands / Singapore

UNITED CALL CENTERS LTD.

United Call Centers provides quality services to its clients in customer service, customer relationship management, sales, and related business activities. The company provides human and material resources of the highest standard.

United Call Centers adapts to its partners' continually changing needs. Its goal is to grow its partners' efficiency and to make their customers fully satisfied with the services the company provides in the name of its partner companies. United Call Centers has over 200 virtual work-from-home agents and over 250 agents in its offices in Hungary.

www.unitedcallcenters.hu
info@unitedcallcenters.hu
+36 46 757 775
H-3525 Miskolc, Kis-Hunyad utca 9., 2. emelet

PRODUCTS & SERVICES

United Call Centers provides outstanding results in Contact Centre Services such as Customer Services, Help-Desk & Technical Support. It offers native-speaking, work-from-home agents to support all languages, and it operates in a high-quality ISO27001-compliant environment.

Its flexible and scalable solutions are tailored to its partners' needs to increase their profitability and strengthen their brand recognition. United Call Centers utilizes the latest technologies, such as Robotic Process Automation and Chatbot technology, to maximize customer experience.



ADVANTAGES

United Call Centers' partners can tremendously increase customer satisfaction, brand recognition, and profitability with United Call Centers' services. The unique business model created by digital technology and human solutions' synergy allows the company to develop flexible solutions, accomodating seasonal peaks and volume trends in inbound and outbound call center services.

The home-working agents can support any language on the native level, with perfect local cultural knowledge and no language barriers. This ensures a high level of customer experience.

REFERENCES

United Call Centers supports Top 500 companies in Customer Service for Next-generation FMCG products, technical service device support and healthcare customer service support in EMEA & APAC.

PRIMARY TARGET MARKETS

Germany / France / UK / Spain / The Netherlands

PROWORX DIGITAL LTD.

Proworx Digital, as part of Createam Advertising Group was founded at the end of 2018 to establish a new vision for sales and marketing automation focusing mainly on lead generation, marketing automation, and business boost. All its marketing platforms are strongly linked to the sales cycle and customer journey. Proworx Digital offers ready-made and licensable SaaS marketing application toolkits with seamless software customization, setup, and implementation. The yearly contracted monthly fees are all-inclusive (license + hosting + support included). Its team is ready to provide project-related marketing automation consultancy work as well: market and gap analysis, competitor check, sales support marketing strategy, and e-commerce/digitalization action plan are the best sellers from Proworx Digital's repertoire.

www.proworx.hu / www.starpage.hu / www.shopprime.hu
hello@proworx.hu
+36 30 436 2640
H-1026 Budapest, Harangvirág utca 5.

PRODUCTS & SERVICES

Starpage: The platform is ideal for multinational corporations managing different brand groups regionally/internationally. Non-coder and low-marketing-educated "office users" can create a marketing microsite in 4 different subcategories: Promo, Quiz, Survey, Image. The campaigns are self-managed and fully automated – Customer interaction & reporting included.

Shopprime: The first global booking, management & signage platform for POS marketing messages. POS/ePOS marketing tools and surfaces can be booked, remotely managed, and sent to print houses or the built-in signage platform via this SaaS platform. Beside transparent digital management and workgroup support



(messaging functionality), it is also increasing retail & service revenue through third-party monetization of POS surfaces. The registered external Partners can book their campaigns using the non-sold inventory of the stores. As a collateral benefit, the 360-degree POS campaigns are also upgrading the shopping experience during the customer journey.

Proworx Digital provides a full-scale digital campaign management wizard helping your sales, marketing & PR department, and outsourced marketing agencies to plan entire multi-channel campaigns involving print DM, e-DM, personalized web layer, and mobile app push notifications as separate campaign items reorganized in one holistic communication approach.



ADVANTAGES

Proworx Digital's motto says, 'we were all born to be efficient'. All its solutions are measurable, scalable, and sustainable digital SaaS. All primary sector KPI's can be incorporated to meet ROI criteria, and due to the cloud-based architecture, all platforms can follow your daily business needs. Every tool's fee structure reflects platform performance & customer savings, providing a positive ROI within 12 months.

REFERENCES

Starpage was successfully used by several customers last year: Procter & Gamble, MKB Bank, Aldi, Euro Family, Ferrero, and MÁV. Shopprime is used by MOL in Hungary and making its way into the retail market. Quarterback is a fully functioning tool for local financial institutions. Quarterback is used by MKB Bank and Budapest Institute of Banking.

Overall project value: 250,000 EUR

PRIMARY TARGET MARKETS

Germany / France / Austria / Poland / Czech Republic

CELLUM GLOBAL CORP.

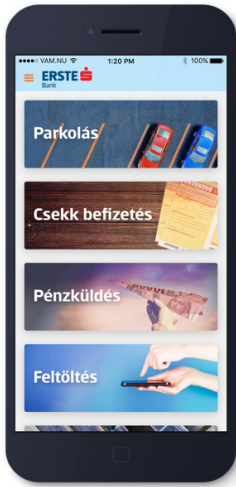
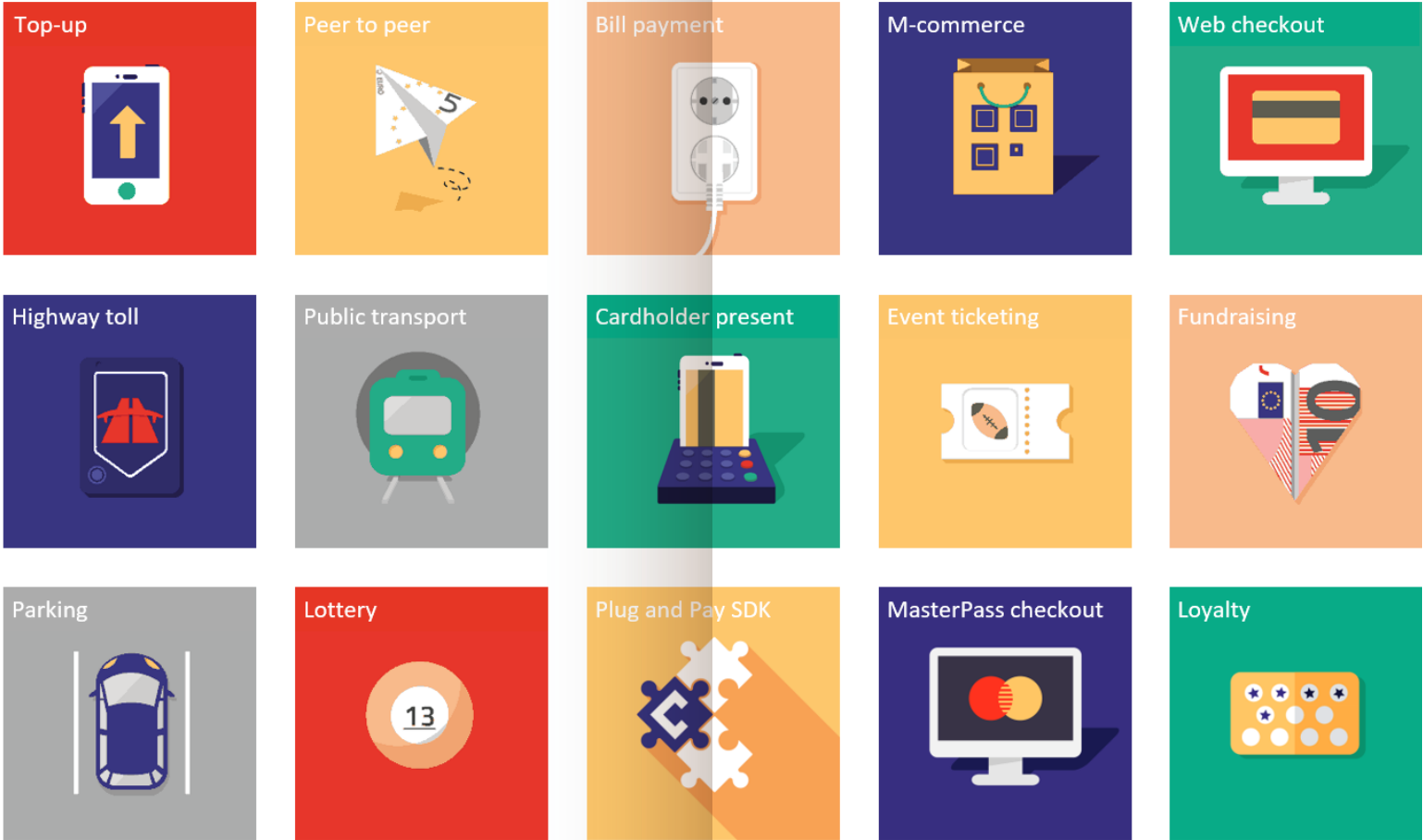
Cellum Global is a leading secure mobile payment and commerce company based in Hungary. Its innovations make transactions via smartphones more comfortable and more secure, and the bank-grade security solutions cover all areas of m-commerce, including mobile purchases and payment as well as NFC (contactless) technologies. Established in 2000, the company began its international expansion in 2011, opening representative offices in several European markets and Asia, including Jakarta, Indonesia. Metranet, a subsidiary of Indonesia’s number one 1 ICT corporate group Telkom Indonesia, entered a strategic cooperation with Cellum and acquired minority ownership in Cellum.

www.cellum.com
krisztian.racz@cellum.com
+36 20 320 6648
H-1126 Budapest, Derkovits utca 3.

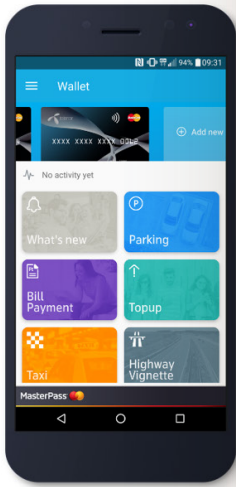
PRODUCTS & SERVICES

Cellum provides comprehensive mobile payment solutions to a broad range of customer groups, including banks, mobile network operators, merchants, and governments. Its flagship product, Cellum Mobile Next, is an end-to-end remote payment system capable of conducting transactions from any type of payment instrument in any kind of handset, covering a large and growing universe of use cases.

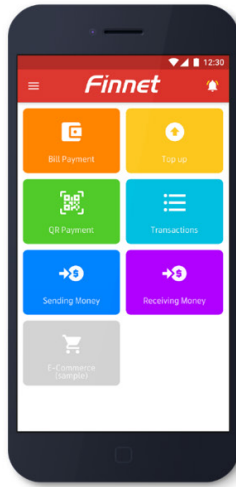
Cellum’s solutions are available for white-label use worldwide and offer speedy implementation and seamless integration with existing applications.



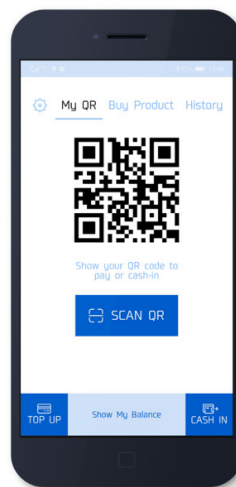
Erste MobilePay



Telenor Wallet



Finnet



CTC



ADVANTAGES

The key advantages of Cellum’s solutions are Patented and patent-pending/unique technology – state-of-the-art secure card data storage and tokenization. The Open Access enables transactions on any mobile device, on any primary operating system, running on any mobile network, using any type of funding source held at any financial service provider (commonly referred to as “third party agnostic”).

The security of the company’s solutions has zero percent fraud rate and no data heist. Simple, easy-to-understand user experience for everyone. The system works together with other ecosystems, and is PCI-DSS certified, PSD2 compliant, and has a BI and GDPR compliance.

REFERENCES

Systems operated manage over two million secure transactions per month and working with partners like MasterCard, Magyar Telekom, Telenor, Erste Bank, OTP Bank, Telkom Indonesia, Finnet, and MAP - GPay in Indonesia, Itochu Technology Corp. in Japan.

PRIMARY TARGET MARKETS

Indonesia and other countries in the APAC region / Japan / EU

MAKE(S)ENSE LTD.

Make(s)ense Ltd. develops reliable, high-quality geomagnetic parking occupancy sensors since 2016 for on-street parking. Operation and development are located in Budapest, Hungary. The product portfolio consists of both flush mount and on-ground sensor nodes.

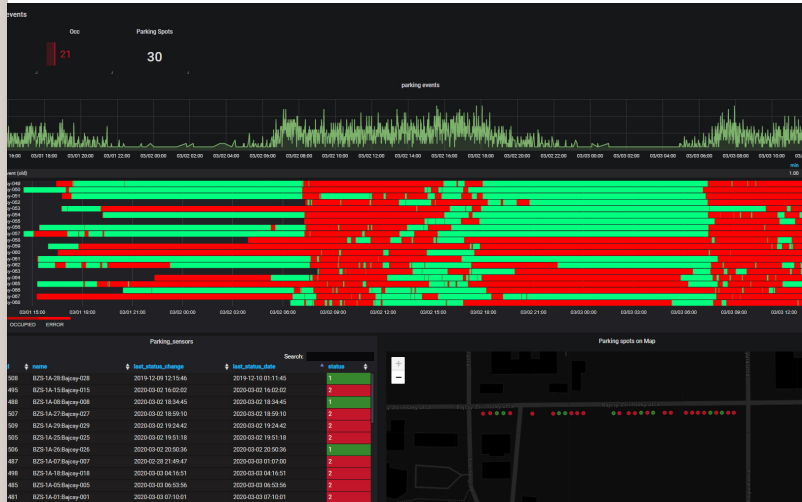
Real-time parking information enables smart cities to launch several useful services resulting in less traffic, less air pollution, better tracking and understanding of parking habits, and parking lot utilization of the inhabitants.

www.makesense-tech.com
sales@makesense-tech.com
+36 30 883 2332
H-1071 Budapest, Peterdy utca 15.

PRODUCTS & SERVICES

Make(s)ense sensors are designed for zero maintenance and long (>5years) operating time. Devices are communicating on NB-IoT networks, hence no additional installed hardware elements needed. This streamlined architecture results in minimized maintenance needs and cost-effectiveness.

Real-time parking information collected and stored in Make(s)ense cloud application, and provided to applications via the interface. Based on the real-time data, last-mile navigation, and optimized intermodal route planning are feasible.



ADVANTAGES

Make(s)ense sensor nodes provide high detection accuracy (>96%) combined with excellent electronic disturbance and noise filtering. That's why Makesense sensors can be in service near places where high voltage applications were significantly influencing the geomagnetic field. (e.g., tram tracks, transformers, high voltage ground cables).

Using MakeSense Cloud, the company offers its partners the opportunity to provide their localized applications and platforms to end-users and municipalities.

REFERENCES

Kaposvár City center – 300 sensors installed in cooperation with T-Systems.

Truck load time detection in Siroke (Slovakia).

Office building parking lot monitoring – 80 sensors (Budapest).

PRIMARY TARGET MARKETS

EU / CIS countries

WM SYSTEMS LLC.

As a leading European IoT & IIoT developer company, cellular IoT is in WM Systems' DNA. The company provides future-proof industrial IoT devices and managed data services.

The company is a renowned IoT, IIoT / M2M developer based in Hungary, with offices in Romania and Slovakia, employing 20 specialized engineers.

WM Systems controls the whole product development process from R&D, design, hardware, firmware and software development to manufacturing and guarantee quality assurance.

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 H-1222 Budapest, Villa utca 8.

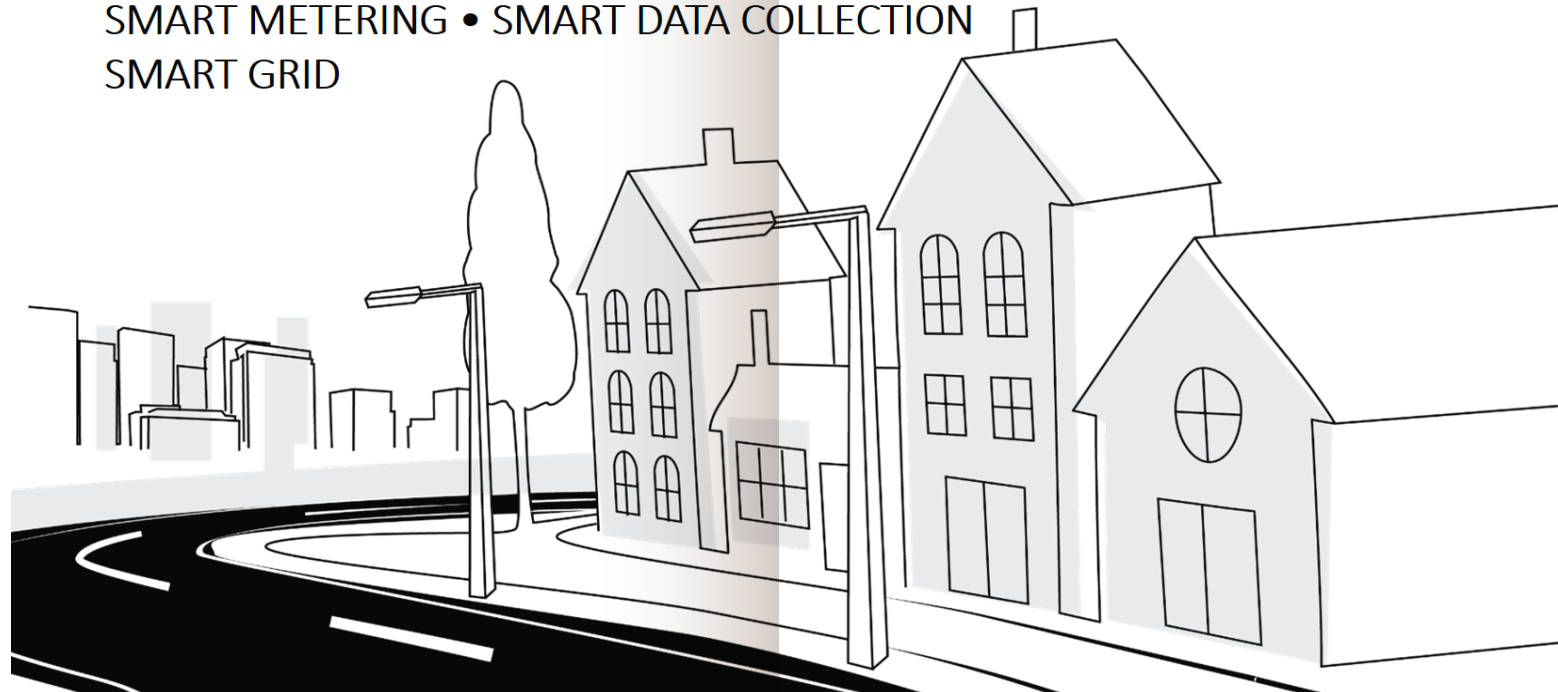
PRODUCTS & SERVICES

The high-quality routers, modems, gateways and DCUs are designed and manufactured in Europe. The company has solution for device management as well.

The solutions and services for utility companies, system integrators, energy providers and industrial partner includes smart metering solutions (100% compatible smart meter modems for Landis+Gyr, Itron, Elster / Honeywell and EMH made meters), smart grid solutions (two-way cellular communication devices for a smarter grid) and industrial automation solutions (industrial routers, modems, DCUs and switches).

WM Systems LLC 5G COMPATIBLE SOLUTIONS

SMART METERING • SMART DATA COLLECTION
SMART GRID



ADVANTAGES

20 years of experience in a fast-changing industry gives WM Systems a unique advantage and a deep understanding of the technologies that serve as the building blocks of any IoT solution: industrial interfaces, protocols and mobile network technologies.

As it controls all aspects of product development, the company is one of the few companies on the market able to provide such high quality products.

Its designed products are enabling customization for the industrial customers' requirements.

REFERENCES

Poland: Industrial LTE router development. WM Systems is supplier since 2018, sold 30K+ units.

The Netherlands: CDMA450 router and 4G router for public street lighting switch. The company is supplier since 2016, sold 30K+ units.

Switzerland: 4G, LTE Cat.M/NB electricity metering modem for Elster meters. The company is supplier since 2014, sold 20K+ units.

PRIMARY TARGET MARKETS

Austria / Germany / Spain

BAY ZOLTÁN NONPROFIT LTD.

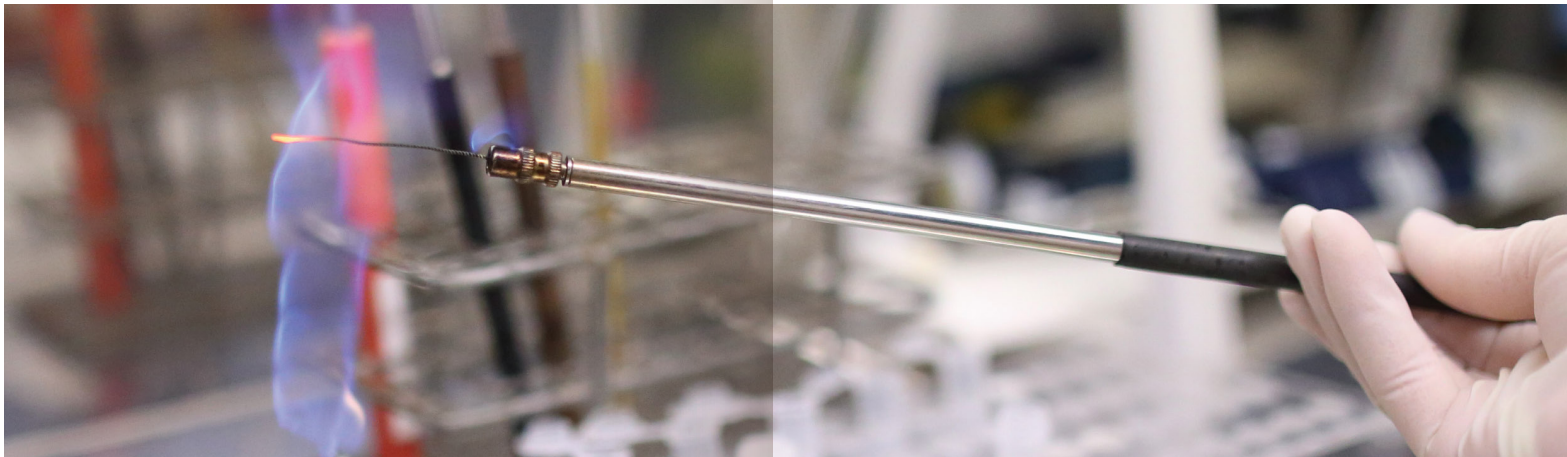
Bay Zoltán Nonprofit Ltd. for Applied Research provides services in innovation and technology transfer. It offers its customers complex scientific and technological solutions in several areas of expertise, devised to enhance their competitiveness. The company also acts as innovation intermediaries through its applied R&D and technology transfer activities.

Bay Zoltán Nonprofit Ltd. can meet the industry's research and development needs from the conception of an idea to its realization. It actively builds international consortia, networks, and EU tenders in R & D and innovation. The company also offers business development services as a technology incubator.

www.bayzoltan.hu/en
bayzoltan@bayzoltan.hu
+36 1 463 0500
H-1116 Budapest, Kondorfa utca 1.

PRODUCTS & SERVICES

The company provides services in the field of material and technology development, operational safety, biotechnology, VR/AR, electronics and IT (hardware and software development), material characterisation, logistics and innovation services.



ADVANTAGES

Bay Zoltán Ltd. actively builds international consortia, network, and EU tenders in R & D and innovation. It offers business development services as a technology incubator. The company has a complex infrastructure system comprising of different laboratories dealing with electrochemistry, environmental protection, fermentation, industrial laser technology, mechanical testing, mechatronics, nanomaterials, non-destructive materials testing, and secondary raw materials. Bay Zoltán Ltd. also runs a Software Centre and a Virtual Reality laboratory.

PRIMARY TARGET MARKETS

India / Canada / Russia / Israel / Japan / Germany



ASURA TECHNOLOGIES LTD.

Asura Technologies is the developer of easy-to-integrate, camera-vendor-independent license plate recognition (LPR), and video analytics software implementing AI for parking, traffic management security/safety systems. Asura Technologies debuted the Asura Recognition Unit (ARU) license plate recognition software in 2017, delivering an easy-to-integrate, flexible solution to traffic and parking system integrators. ARU earned a Special Mention at the 2018 Intertraffic Innovation Awards.

www.asuratechnologies.com
request@asuratechnologies.com
+36 70 202 3333
H-1114 Budapest, Bartók Béla út 76.

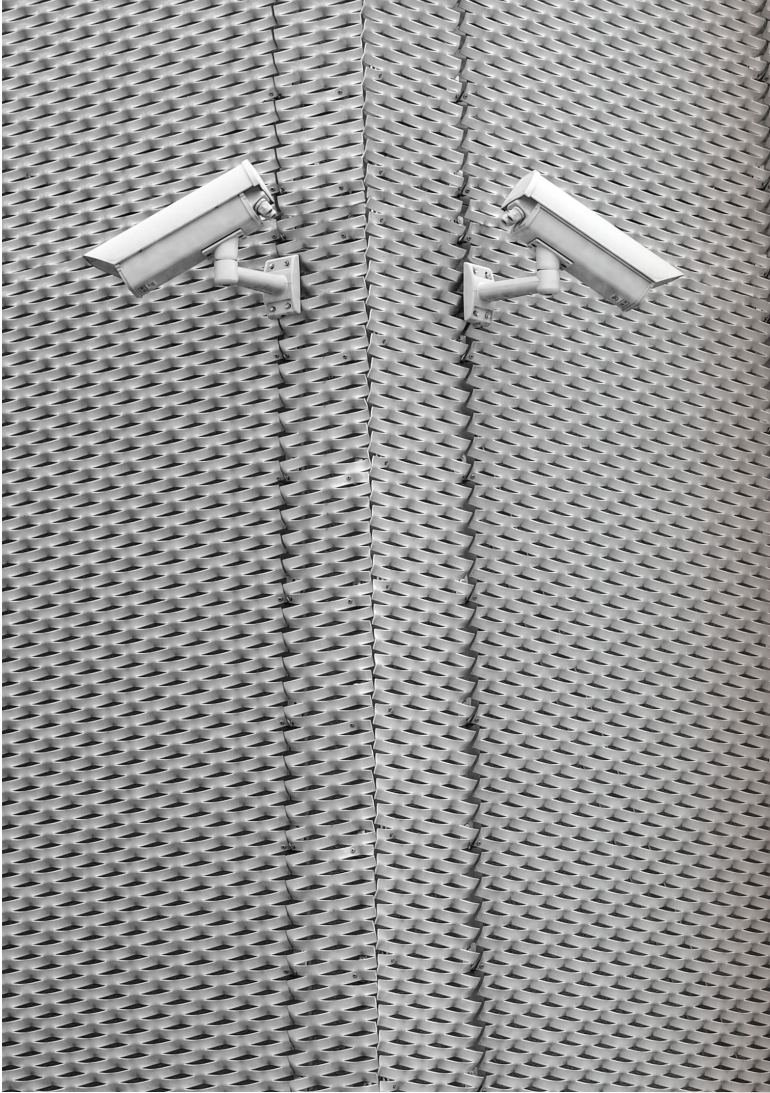
PRODUCTS & SERVICES

Asura Recognition Unit (ARU) – Plug and play license plate recognition application available for fixed and mobile installations.

MMR – Video analytics software for the vehicle make, model, color recognition, and categorization.

ACE – Access control extension module for ARU, a lightweight application to automate vehicle access based on the license plate and vehicle information on sites where a barrier controls entry and exit.

Digital chalking – License plate recognition-based on-street parking enforcement solution, an extension to the mobile license plate recognition application.



Traffic Video Analytics provides real-time analysis of the traffic, checking the direction of the vehicle, wrong turns, passing the red light and proceeding in the wrong lane.

Parking Space Occupancy Detection – Video analytics-based solution monitoring parking spaces and providing real-time occupancy information.

Parking Monitor – Video analytics-based frictionless parking enforcement model providing 24/7 automatized enforcement for barrierless parking sites.



ADVANTAGES

Setup is quick and cost-effective: Asura supplies its software as applications, so integration is possible without allocating significant resources on the task, saving both time and money.

Compatibility: The software can work with any camera and connect to any back-end system without compatibility issues.

Automatic notifications: the software notifies operators whenever human interaction is needed, thus making the monitoring activity more effective.

Scalability: Asura solutions are fully scalable; the company is able to monitor a single site to an entire city.



REFERENCES

On- and off-street parking

Frictionless Parking Enforcement (PRRS - USA)
LPR-based park space reservation and access control (Mobypark – The Netherlands)

Access control

High-Security Vehicle Access Control System (ZalaZone - Hungary)
Access Control for Parking (Nexus Parking Systems, Modern Parking – USA)

Traffic and law enforcement

Traffic monitoring (Hungarian Police - Hungary)
Traffic surveillance (Singapore Polytechnic – Singapore)

Tolling

LPR and Video analytics for tolling system (Radical Solutions - Peru)

Traffic and highway safety

Wrong-way entry detection (Italy)
Traffic surveillance (Digitalcom - Thailand)

PRIMARY TARGET MARKETS

USA / Saudi Arabia (GCC countries) / Indonesia / Brazil / Thailand

HUNGAROCONTROL PTE. LTD. CO.

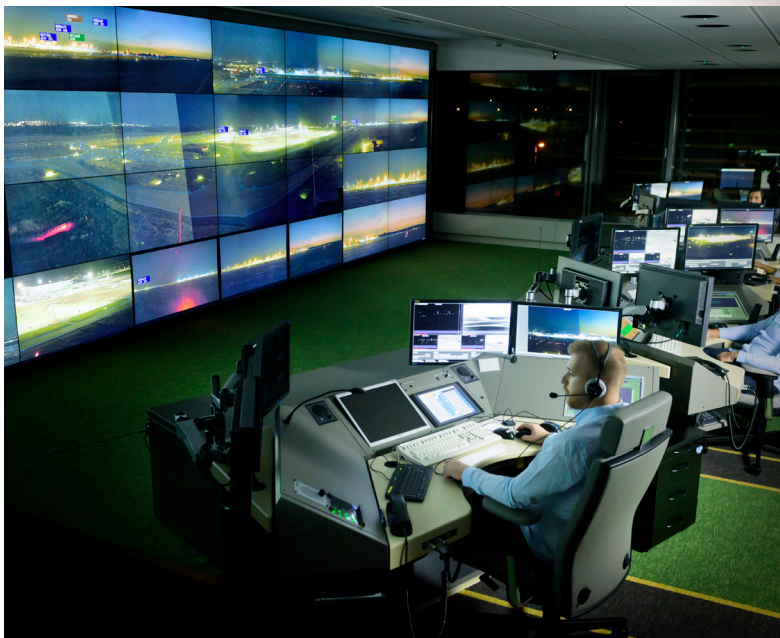
HungaroControl is a certified provider of air navigation and specialist professional services. With its dedicated workforce, HungaroControl delivers safe, efficient, and environmentally sustainable air navigation services to more than one million flights in Hungary and - on NATO assignment - in Kosovo's upper-airspace. Leveraging both the breadth and depth of their experience, HungaroControl partners with service providers globally to solve their burning problems and help them achieve their strategic goals, providing customers with more than just step-change improvements. Still, clear pathways to translate air traffic management innovation into valued service outcomes.

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H-1183 Budapest, Igló utca 33-35.

PRODUCTS & SERVICES

HungaroControl launched SkyHub, the brand behind all its complex products and services, that provide tailored industry solutions. The company is experimenting with the latest technologies and already harnessing AI's power to leverage its benefits within the simulation and operational environments.

As the world's first to deploy a fully capable remote tower for a medium-sized airport in 2015, HungaroControl has broad experience in the domain. Its remote tower services provide a cost-effective digital alternative to conventional tower operations, enabling a refocus on delivering valued services to customers.



REFERENCES

Dubai Air Navigation Services – digital tower

As part of a delivery consortium, HungaroControl applied its digitalizing tower operations experience to support the concept development and business case for digital tower implementation at Dubai International Airport and Dubai World Central.

Functional Airspace Block – Central Europe (FAB CE) – free route airspace validation

The simulation aimed at validating the developed Concept of Operations. HungaroControl carried out validation exercises on both Fast Time Simulation (FTS) and Real-Time Simulation (RTS) platforms. The simulation investigated what changes the FAB CE Free Route Airspace (FRA) would imply on the current fixed-route network and FRA's effect within individual FAB CE Member State borders.

ISAVIA (Iceland) – air traffic controller training

HungaroControl organised multi-session refresher training for air traffic controllers (speed control and vectoring services) and a pseudo-pilot workshop in our Simulation Hub.

PRIMARY TARGET MARKETS

China / India / Malaysia / Indonesia / Thailand

ADVANTAGES

Highly developed experience in consulting and advising in the air traffic management (ATM) domain

HungaroControl supports air navigation service providers with a strong capability base covering aeronautical information management and information management. Additionally, it also has a deep understanding and proven experience in implementing tailored ATM capabilities, from concept to operation. HungaroControl's professionals have several decades of experience as users, operators, delivery specialists, and advisors.

Advanced simulation and validation capabilities

Simulation HUB is Europe's largest commercial radar simulator for validation activities. HungaroControl offers end-to-end simulation solutions in a state-of-the-art technical environment and compliance with the highest standards of innovation.

NNG LTD.

At NNG, they believe in a connected future where personal digital ecosystems blend seamlessly with automotive technology to provide exceptional user experiences. Its capabilities include flexibility and incredible expertise, insight, and innovation, allowing NNG to deliver solutions that help to connect people and communities and make transportation smarter, safer, and more fulfilling for everyone. It offers seamless, modular, and integrated location-based solutions supported by cloud services, and revolutionary UX design software enabling fully integrated intelligent interiors. The company delivers essential in-vehicle cyber-security management and network optimization solutions.

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H-1037 Budapest, Szépvölgyi út 35-37.

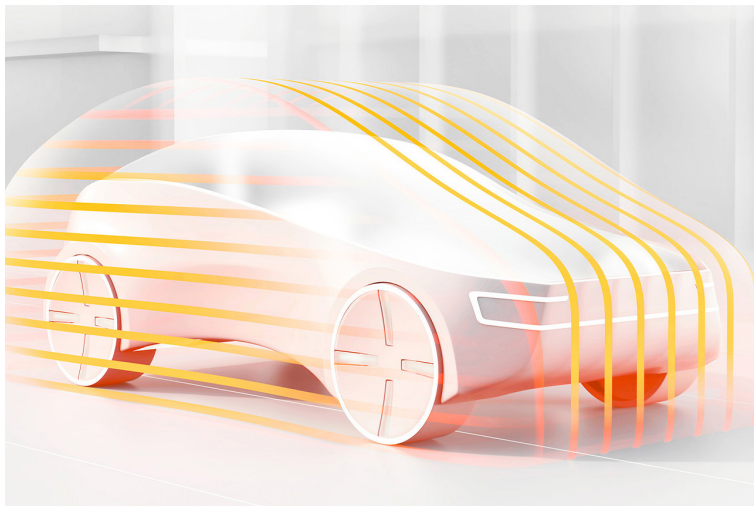
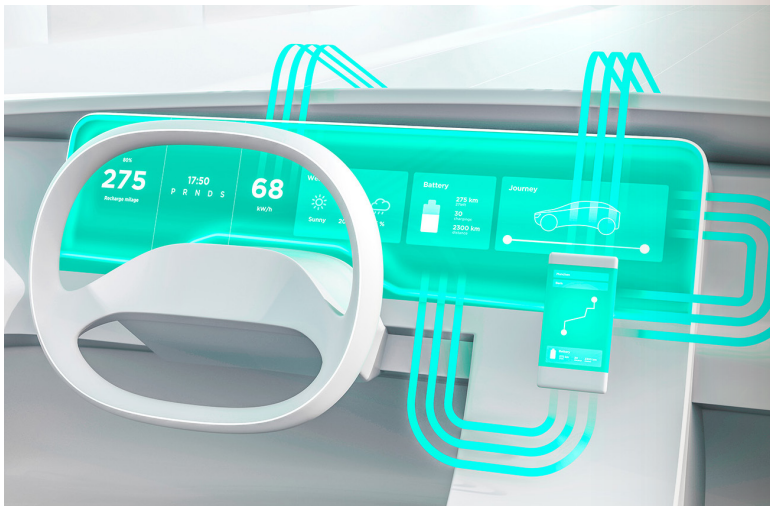
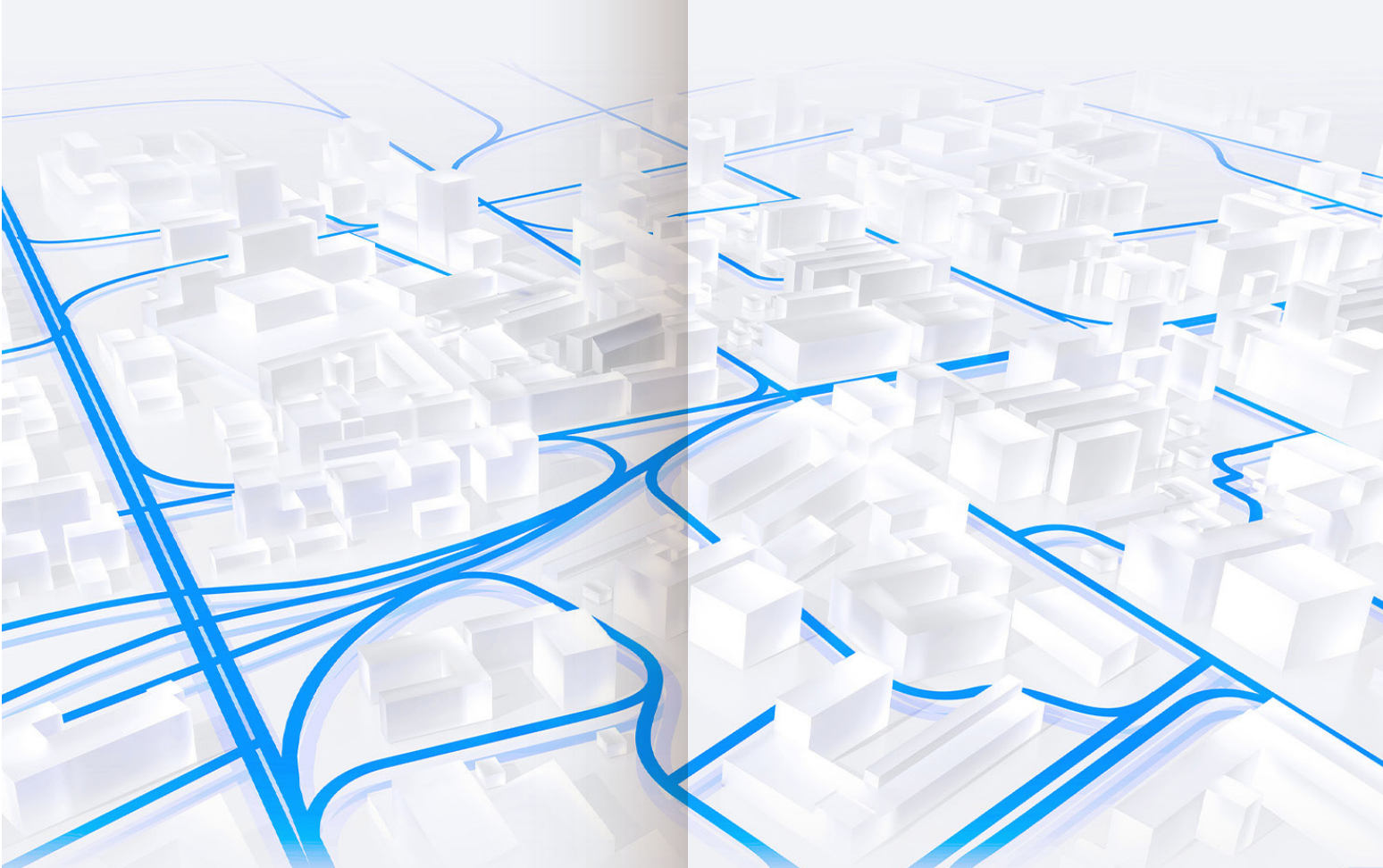
PRODUCTS & SERVICES

Navigation: NNG’s expertise in automotive navigation allows the company to offer optimized location-based solutions for vehicles from entry-to-premium-level.

In-Vehicle User Experience: NNG’s user experience teams support its partners in developing next-generation integrated environments.

Telematics Business Operation Support System: TBOSS enables you to analyse fleet data on the fly and manage marketplace features over-the-air.

In-Vehicle Cyber Security: NNG’s award-winning cyber-security management systems and network optimization solutions provide and can also extend the lifespan of existing in-vehicle networks.



ADVANTAGES

NNG can create fully customized, integrated solutions, or you can bring NNG’s expertise in-house with dedicated tools and strategic development teams.

The company works closely with market leaders throughout the automotive ecosystem.

WHITE LABEL - Your Brand, Your Product

INDEPENDENT - Freedom of Content

LASTING PARTNERSHIPS - With You from Start to Finish

MODULAR OR INTEGRATED - Custom Solutions Tailored to Your Needs

FLEXIBLE - Dedicated Development, Fast Time-to-Market

PRIMARY TARGET MARKETS

China / Japan / EU / Russia / USA

ANIMALSOFT LTD.

AnimalSoft is a Budapest-based software company, develops the platform for livestock producers to capture the potentials in Precision Livestock Farming and support the farmer to survive and thrive under challenging market circumstances.

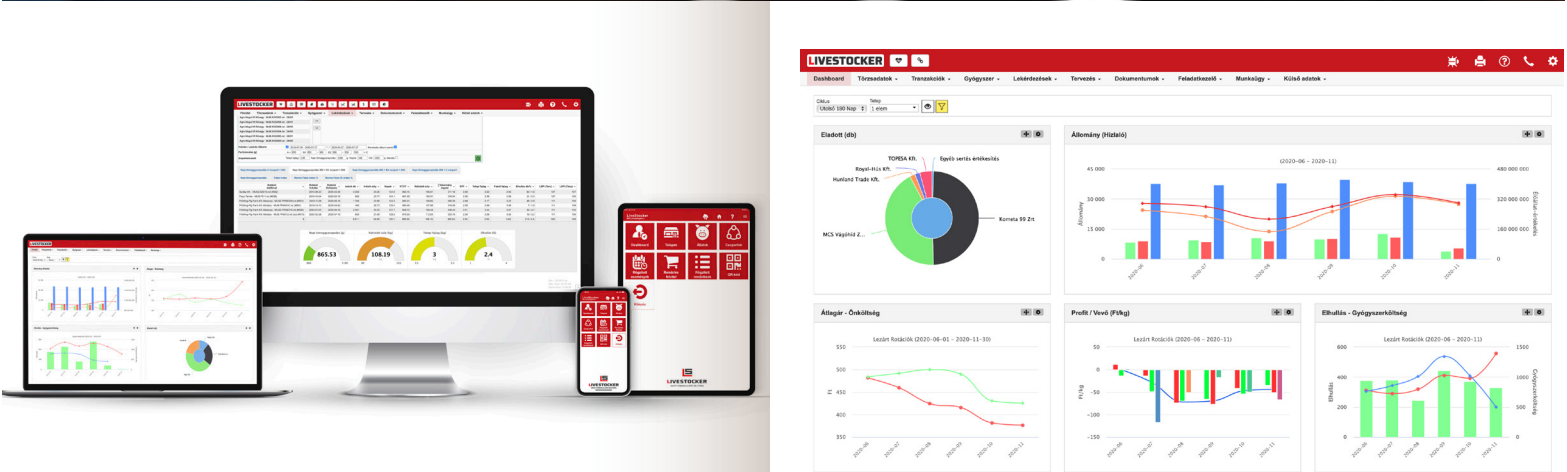
In the most essential respects, AnimalSoft unites farmers who are working closely with other livestock producers to get the right direction in its product development process. AnimalSoft's aim is to provide a powerful tool to its users to stay competitive while upgrading their production performance and profitability.

www.livestocker.hu
info@animalsoft.hu
+36 30 931 0170
H-1013 Budapest, Pauler utca 6.

PRODUCTS & SERVICES

Livestocker is a business intelligence platform where data regarding production are being collected manually - through the APP or direct input into the software - and automatically - from cloud, servers, import files - in a structured way that allows users to process it into information and find answers about their production issues by exploring correlations between certain parameters.

Within Livestocker there is a medication module included with a capability to monitor antibiotic use and reporting it to the authorities.



ADVANTAGES

By using Livestocker, the farm is not only able to collect data from ordering, through production to their final product sales, but it gives immediate information to the management with no additional work. Data collected and stored in this structured way, makes it possible to analyse any key performance indicators - ADG, FCR, mortality - and their trends and all the financial aspects of these parameters like cost and/or value of growth. Livestocker gives the opportunity to follow trends of production and find bottle necks without advisors entering the stable too often, therefore biosecurity benefits are also included through the system.

REFERENCES

Pig producers: HAGE - 270.000 pigs produced annually, Claessens group - 250.000 pigs produced annually.

Egg producer: Fuchs egg - producing and trading 70 million eggs annually. Finisher pigs 1.500.000

Swine breeding 35.000
Broilers 15.000.000
Layer hens 400.000
Eggs 120.000.000

PRIMARY TARGET MARKETS

Worldwide, especially Indonesia / Philippines / China / Vietnam / India

CARE ALL LTD.

Care All Ltd. committedly supports its partners by building innovative IT solutions in 17 countries at over 120 companies, regardless of size and field of activity. The success of a document management software is mostly affected by creating the proper concept and customization.

Experiences gained from international and domestic projects help the professional team seek out the most convenient digital solution for you. Improving productivity, transparent business operation, and the benefits related to digitalization is what Care All Ltd. offers.

www.careallsoftwares.com
info@andoc.net
+36 20 492 9292
H-1121 Budapest, Törökbálinti út 15/A

PRODUCTS & SERVICES

The products are serving as enhancement tools that support the work-routine of over 40.000 employees recently. They can be used either separately or together to match digital standards of future's companies. Andoc answers complex or standard business operation challenges.

The benefits are not confined only to workflow or document management, but it also supports automation and reporting. Itinerary can be accommodated in a few hours, no training is required. It attends standardised workflows where tasks have to be completed, and related regulations must be complied with.



ADVANTAGES

Flexible customization options make embedding easy and quick in every organizational infrastructure even in a fast-changing environment. Each product deals with different aspects of digitalization challenges. The company's business operation defines which product or mix would become the optimal solution. Care All Ltd.'s professional consultants are at its clients' service, supporting the implementation of the go-live. For further customer requirements, Care All Ltd. can offer additional IT software to meet customers' expectations.

REFERENCES

Savings Bank Andoc, Itiner support all front and back office WF's, document management for 5600 users, cover account opening, loan product, contract management.

Euronet Ltd. Andoc helps operation WF for 16 countries localized to 8 languages, supports POS orders, contract management.

Nestlé, Budapest Stock Exchange, Erste Insurance, Union Insurance Group Care manages internal business process workflows of contracting, purchasing, and invoice and, and claim management.

PRIMARY TARGET MARKETS

USA / Colombia / Uganda / Russia / UAE

DO-Q-MENT LTD.

DO-Q-MENT Ltd. is a Hungarian software developer and service company with more than ten years of experience in the fields of document archiving. DO-Q-MENT is a pioneer in delivering fully GDPR compliant archiving and contracting solutions backed up by the industry-leading Microsoft Azure infrastructure. The Headquarters DO-Q-MENT Ltd. is located in Budapest, with development resources in other major Hungarian cities.

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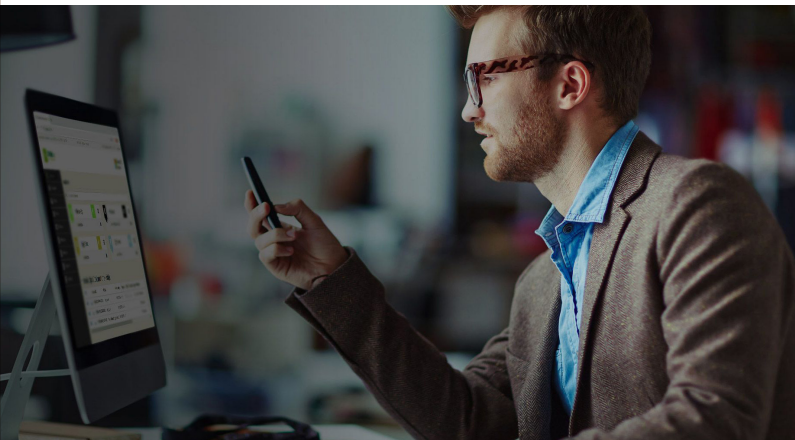
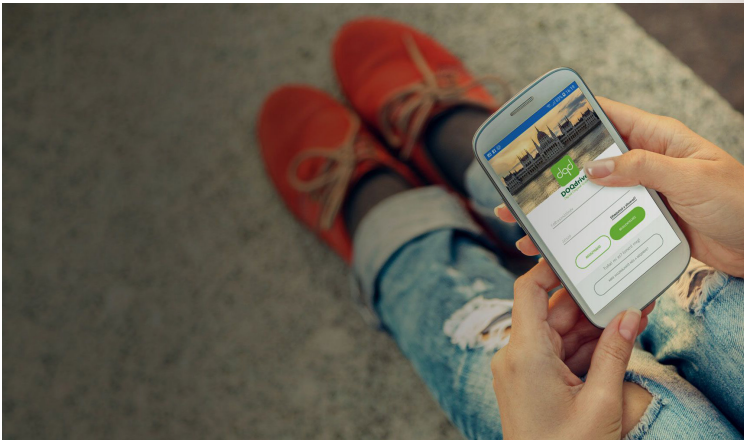
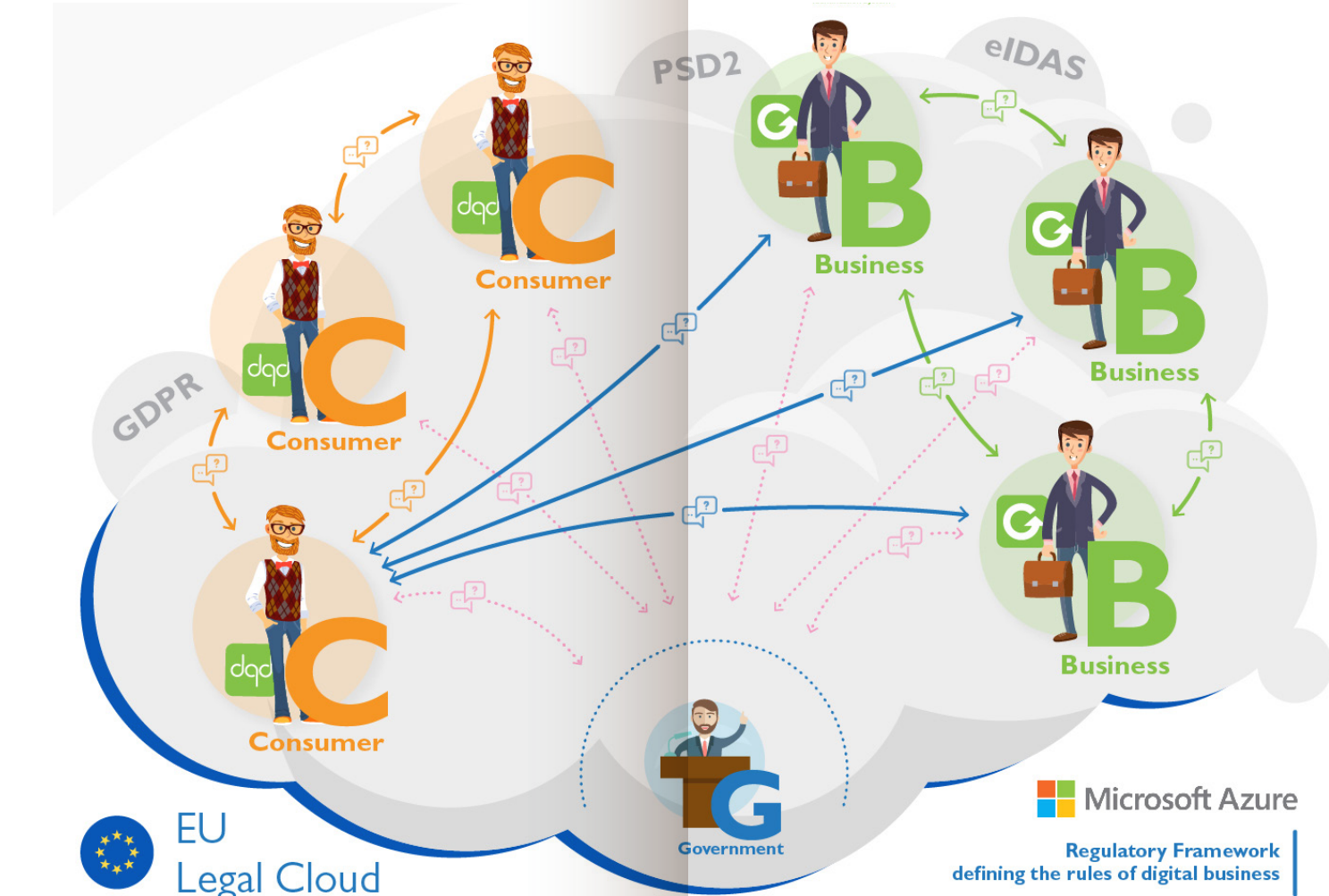
PRODUCTS & SERVICES

DOQdrive Private and DOQdrive Business identifies and connects individuals and businesses and enables them to establish close, email-free digital processes in a GDPR-compliant way.

DOQdrive is the first of its kind solution where all participating individuals and companies are accurately identified based on their government ID. All data and information are legally original.

DOQdrive is a cloud solution for archiving, storing, and forwarding digitalized documents that are authentic also in legal terms.

DOQdrive stores the Digital Original version of the client's documents to comply with document preservation requirements dictated by local legislations.



ADVANTAGES

The patent-pending DOQdrive document management process can save up to 40-60 percent of the relevant document archiving and handling costs by revolutionizing the data management and archiving processes.

No need for storage of paper originals, this document handling decreases the costs dramatically. More efficient yet GDPR-compliant closed digital techniques. All parties are mutually identified based on their government IDs.

REFERENCES

Randstad
Customer Country: Hungary
Win Date: 2018

Lexmark
Customer Country: HUNGARY
Win Date: 2017

KLM
Customer Country: ITALY/FRANCE/HUNGARY
Win Date: 2018

Kempinski Hotels
Customer Country: HUNGARY
Win Date: 2017

PRIMARY TARGET MARKETS

Austria / Germany / Czech Republic / Poland / Croatia

AXIMMETRY TECHNOLOGIES LTD.

Aximmetry provides end-to-end, real-time 3D graphics and virtual studio solutions for the broadcast and entertainment industries. Its ambition is to make high-end virtual studio software technology accessible to all, small TV stations, Youtubers, and Vloggers included. Aximmetry uses its engine for real-time rendering and has its advanced keying technology. The company's solutions cover all aspects of advanced broadcast presentation: tracked virtual sets, Augmented Reality (AR), interactive touch screen displays, data-driven graphics, and audience interaction via second-screen devices. Content created in Aximmetry can be live-streamed directly to YouTube or Facebook.

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PRODUCTS & SERVICES

Different editions of Aximmetry software can be utilized in the following areas of expertise:

Studio
TV, Youtuber, Vlogger.

House of Worship
Features related to broadcast usage. Virtual studios, inscription graphics, multimonitor systems, studio touch screens, single-PC solutions.



Event Center
Features related to on-stage usage. Multiprojector systems, image synthesis, projection mapping, interactive control devices.

Show Corporate, Institution. **Stage** Theater, Concert Hall.

Exhibition
Features related to presentations and video installations. Multiprojector systems, monitor walls, touch screens.



ADVANTAGES

Aximmetry offers the highly developed capability of real-time visualisation at a widely accessible price point. All product lines are based on the same core concept and technology, its own Aximmetry Graphics Engine, Graphics editor, and intuitive, purpose-optimized graphical user interfaces.

The products have advanced 3D graphics and software-based chroma keyer, a flexible graphics programming interface, real-time controllability, scalability, and extensions for 2D graphics, 3D Virtual studio, video wall display, AR solution (included in the software) and an accessible price point.

REFERENCES

Sweden: Twenty Studios AB
Russia: "Stream" TV company, first UHD capable virtual studio and AR installation
Hungary: M4 Sport

PRIMARY TARGET MARKETS

China / USA / Germany / France / UK

INDIVIZO LTD.

Indivizo offers an AI-powered hiring platform with recruitment automation to help HR professionals hire top talent faster based on quality candidate information. Its innovative, cloud-based pre-screening tools like automated video interviews, automated tests, gamified assessment, and AI-based personality profiling focus on data to evaluate candidates' performance and measure the recruitment process's efficiency freeing up significant recruiter time to focus on what is important - people. Indivizo strives to be regional leaders in cloud-based recruitment by providing the right platform and data-based information to HR professionals to make better hiring decisions, retain the best talent, and HR to become a more strategic profession.

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PRODUCTS & SERVICES

AI-powered Automated Video Interviews

Recruiters prepare their questions first, even boost them with pictures and videos, then the software runs the video interviews without their participation. It's a real interview situation, and applicants have to answer as soon as a question appears. The hiring team can watch and evaluate the recorded videos anytime and anywhere. Personality Insights are based on the psychology of language in combination with data analytics algorithms. This service analyzes the content of the Automated Video Interviews and returns an online personality profile.

Gamified assessment

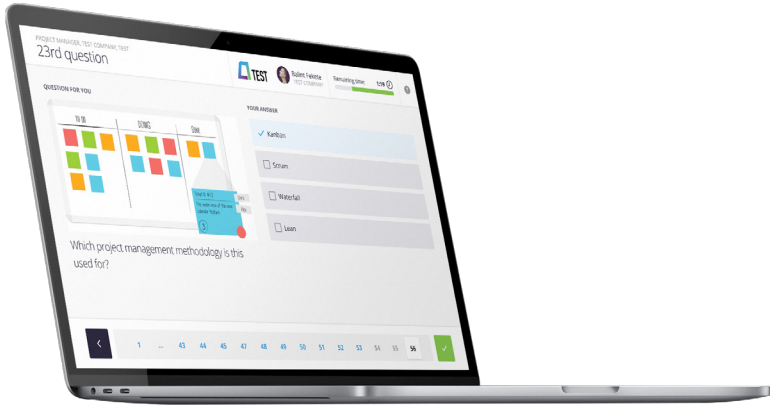
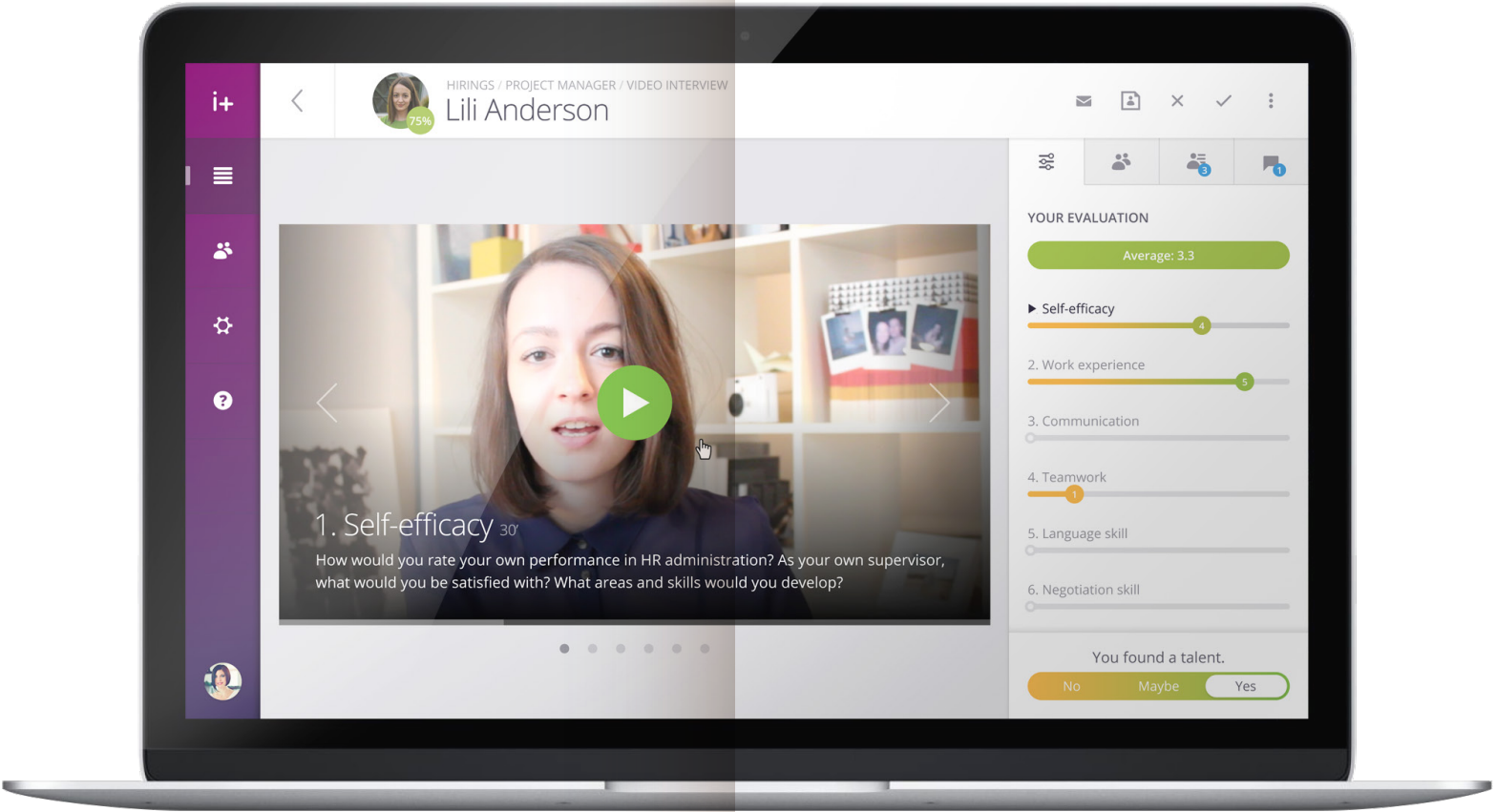
Big data and behavioral skill assessment reveal candidates' underlying competencies and skills. This innovative tool makes it possible to have real-time,

powerful, and data-based insights about critical skills like logical thinking, planning, problem-solving and more to make sure the right people get hired for the right roles.

Automated Tests

Automated tests can be used to screen applicants' knowledge before spending valuable time and money on interviewing them. Recruiters can select from Indivizo's test offering or put together their questions. The system arranges the process - from invitations through the execution to automatic evaluation and even updating candidates on their results.

Cloud-based ATS platform with Flexible Workflow Management



ADVANTAGES

Any company's success depends on their talents, and HR professionals struggle to identify which applicants are guaranteed to perform well at a position. The innovative, AI-powered recruitment tools of Indivizo measure candidates' skills and competencies and provide data-based, objective results that help make better hiring decisions.

With the tools of Indivizo, the user receives a +300% increase in efficiency, -79% time spent on pre-screening, a five-times better quality talent pool, data-driven hiring decisions and a semi- or fully-automated pre-screening.

REFERENCES

OTP Bank since 2018, 32.000 EUR / year
Telekom Hungary since 2017, 50.000 EUR
Telenor Group since 2016, 35.000 EUR

PRIMARY TARGET MARKETS

Romania / UAE / Russia / Singapore / Malaysia

JOBCTRL LTD.

As a part of TcT Group, JobCTRL Ltd. provides highly innovative IT solutions that can contribute to its partners’ business success, which has always been the strongest motivation for JobCTRL Ltd.’s team. The main profile of the company is R&D, with innovation as an added value. This includes several successful disruptive and cutting-edge projects resulting in market-leading innovative products, systems, and almost 20 years of research, development, and product commercialization experience. A genuine innovation and a professional team of researchers and developers committed to excellence constitute the engine of JobCTRL Ltd.’s success story.

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PRODUCTS & SERVICES

The company focuses mainly on the work efficiency improvement through its JC360 product on a broad spectrum from simple working time measurement to RPA and AI-driven solutions. JC360 is a unique workplace performance improvement tool, enabling transparency and objective metrics for all business areas.

It makes productivity transparent and comparable across individuals and teams, making it possible to define organizational level targets more accurately. JobCTRL Ltd. helps companies be more productive, organizations to be more transparent, and create a fairer and more effective, flexible working environment for all.



ADVANTAGES

JobCTRL Ltd. is a very flexible, client-focused smart company, developing the unique JC360 tool, which has the broadest spectrum for operational efficiency improvement, work automation, and worker motivation. JC360 is a must-have solution for any flexible working environment and organizations with a focus on cost-efficiency. The company ensures maximum utilization of labor resources, and it helps develop the conditions for productive mobile work. JC360 is the best tool available on the market to create corporate transparency and gain a real-time cross-functional view of business operations.

REFERENCES

Deutsche Telekom
DHL
Grundfos (Serbia, Croatia, Slovenia, Ukraine, Bosnia and Herzegovina)
Allianz

PRIMARY TARGET MARKETS

LATAM countries / EU / USA / Asia / UK

LOGIN AUTONOM LTD.

Login Autonom Ltd. has been present in business since 1990. Initially, the company offered solutions for system integration, and it has been expanding the list of its services ever since based on customers’ demands. Many issues have been recognized and solved on a system level with the help of its software in the past 30 years. Login Autonom Ltd. believes that most problems can be handled if the human factor is excluded and well-implemented technology is relied on. The company is also convinced that technology promotes the creation of more humane and more intelligent systems. Login Autonom Ltd. hopes to assist the domestic and international partners with achieving a considerable improvement in production and employee retention by continually improving the company’s product solutions and customer service.

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Laurus Irodaház, “C” épület

PRODUCTS & SERVICES

ease++ Employee Software: increasing efficiency through employees.
ease++ is an interconnected software system developed and further improved to answer the challenges faced in HR, production, and organizational development. Login Autonom Ltd.’s solutions contribute to the well-structured effective operation on a system level, which triggers positive changes in its finances and the staff’s attitude shortly after the implementation. The ease++ software modules are Workhour, Holiday, Competency, Access, Guest, Cplatform, Productivity, Shift, Workwear, and AI.



ADVANTAGES

Long-time players on the market typically have other core businesses (eg. payroll, security access), meanwhile start-ups are not targeting this market, thus the target group can be identified as ‘underserved’. Due to Login Autonom’s security and engineering history, it has a significant competitive edge because competitors have mainly HR or IT skills. As a result of the interdisciplinary approach and wide-ranging scientific cooperation (Hungarian Academy of Sciences, Obuda University, Széchenyi University, My-X Artificial Intelligence Research Group, etc.), the company dictates the developments in HR and shop floor Human IT solutions. In industrial HR software, Login Autonom Ltd. offers unique, complete business solutions.

REFERENCES

- Rosenberger Magyarország Kft., Region: Jász-Nagykun-Szolnok, Total project value: EUR 300.000
- MIAS Hungary Kft., Region: Heves, Total projekt value: EUR 150.000
- Corinthia Grand Hotel Budapest, Region: Budapest, Total project value: EUR 50.000
- Toyota, Velux, Stricker, OBO Bettermann

PRIMARY TARGET MARKETS

Germany / Austria / Switzerland / France / Poland / Romania

NEXON LTD.

NEXON is Hungary’s market-leading strategic payroll and HRM software developer and service provider. NEXON’s products are comparable in functionality and performance to all significant international HRM systems, with the clear advantage that they always fully conform with the Hungarian laws. NEXON participates in critical workflows like payroll, human resources, time management and shift planning, or even BI with ease while seamlessly integrating with all Global HRM systems.

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PRODUCTS & SERVICES

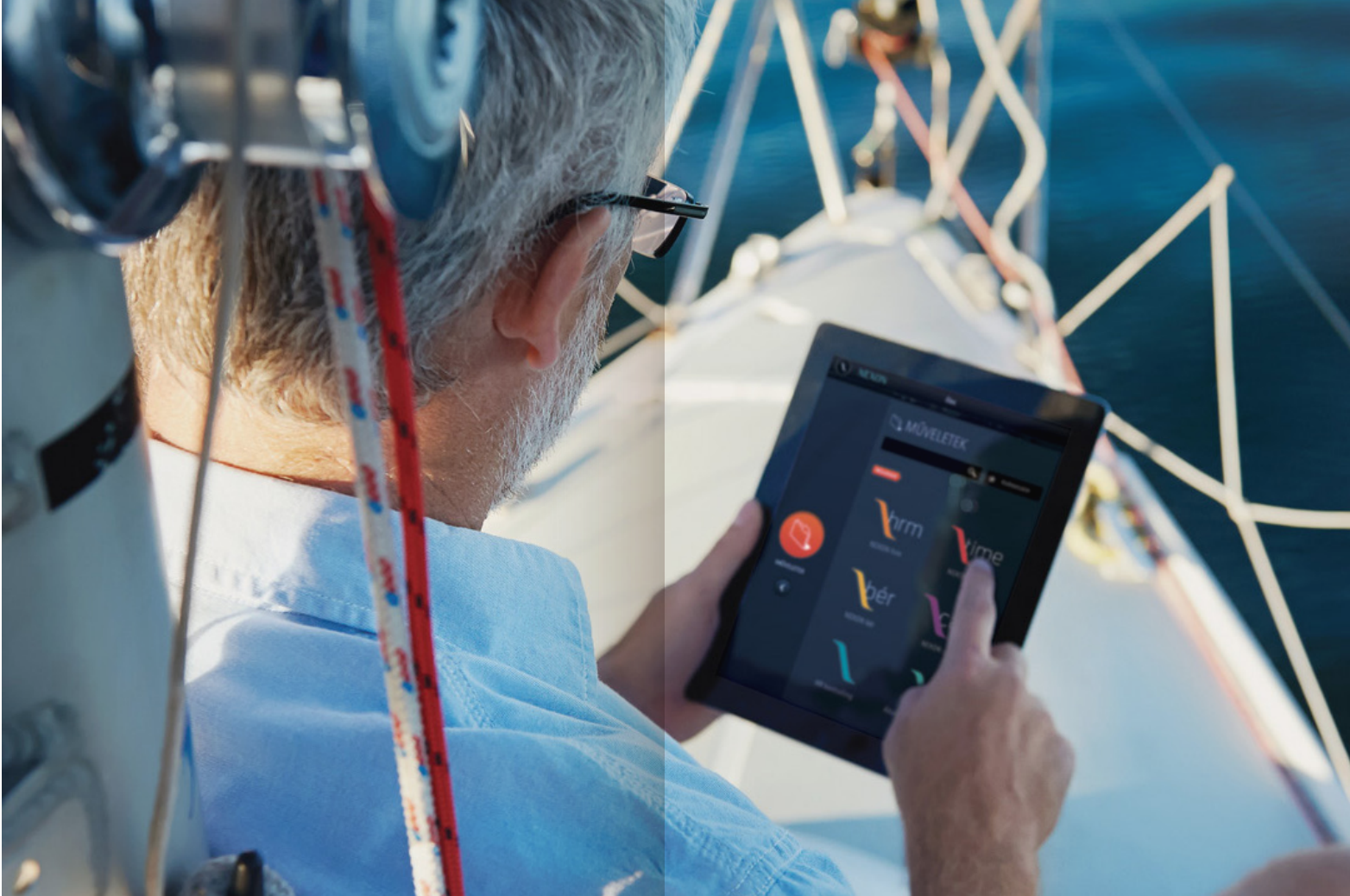
NEXON’s main profile is the development and support of complex human resource applications.

Our portfolio:
NEXONpayroll
Hungary’s leading comprehensive payroll solution.

NEXONHR
Full-fledged HR personnel administration and reliable HR recordkeeping.

NEXONtime
Worktime planning, scheduling, and recording, fully integrated with payroll.

NEXON_PORT
Self-service employee administration, improving HR efficiency with its software and a mobile app developed



to access the self-service HR system. NEXON_PORT+ is available on iOS and Android platforms.

NEXONcafe
Comprehensive solution for the selection and administration of employee cafeteria benefits.

Another item within NEXON’s business portfolio is payroll outsourcing. In Hungary, payments for 70,000 employees are accomplished through the NEXONsource solution. Under the SaaS arrangement, NEXON hosts your applications and data on our servers, which you then access online using your web browser.



NEXON

ADVANTAGES

In addition to continuous software development, NEXON offers ongoing product support, customer care, and helpdesk and a complete comprehensive payroll and HR outsourcing service.

With its 30 years of experience, NEXON is expert in payroll and HR administration.

NEXON has 5 regional offices (at Győr, Nyíregyháza, Kecskemét, Veszprém, Budapest) headquartered in Budapest.

REFERENCES

Most clients are multinational global brands besides local companies from the public and government sectors as well.

LEGO Manufacturing Ltd., dm drogerie markt Ltd., Bayer Hungária Ltd., Güntner-Tata Ltd.

PRIMARY TARGET MARKETS

EU / Scandinavia

CONTACT

INFORMATION

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HEPA

Hungarian Export
Promotion Agency