

Polish SMART Technologies for Uzbekistan

FinTech

DIGIT on

DIGITAL TRANSFORMATION

We automate business processes with top-class, proven technologies and deliver digital workers repeatedly performing tasks and processes in:

- Finance, accounting, controlling
- HR and payroll
- Sales support
- Customer service
- Supply chain support
- Shared service centers

... and other office operations in any industry.

We use the world leading technologies

RPA (Robotic Process Automation):

Blue Prism, UiPath

OCR (Optical Character Recognition):

ABBYY, Decipher

AI (Artificial Intelligence)

We are big enough to deliver and small enough to do it efficiently.

High competencies at reasonable cost.

Digit.on has experience of working for international companies: **Siemens, Motorola, Ista, Mars, Innogy, Deloitte.**

Our digital workers take-over routine, tedious tasks from your employees, allowing them to spend their time and efforts on higher value activities, where their competences, skills and experience are required. The digital workforce we deliver are very helpful to optimize your business processes, increase profitability and enhance customer experiences.

Benefits of using digital workforce:

- ✓ Lower cost of process
- ✓ Shorten process times
- ✓ Improved quality
- ✓ Increased operational agility
- ✓ Mitigated risks
- ✓ Improved customer satisfaction



Looks attractive? We deliver swift results.
We automate one process in 2-4 weeks!

Digit.on experts have 25+ year experience in business process optimisation and 15+ year in process automation.
Try us!

Contact us and we will show you how our digital workers work:

hello@digiton.com.pl
www.digiton.com.pl/en/
+48 222 440 744

The Project of the first, fully mobile and based on the blockchain technology Bank for business

We have created **Banking Platform** dedicated to businesses for company management and business expansion. The Platform is ready to cooperate with partners in BaaS (Bank as a Service) model. In addition to typical financing services available in other banks, the Platform provides a set of services (VAS – value added services) necessary in everyday activities in business distancing mode: negotiating and signing trade contracts (based on blockchain technology), accounting services, IT support, travel services, etc.

INNOVATIVE PRODUCTS UNAVAILABLE IN TRADITIONAL BANKING

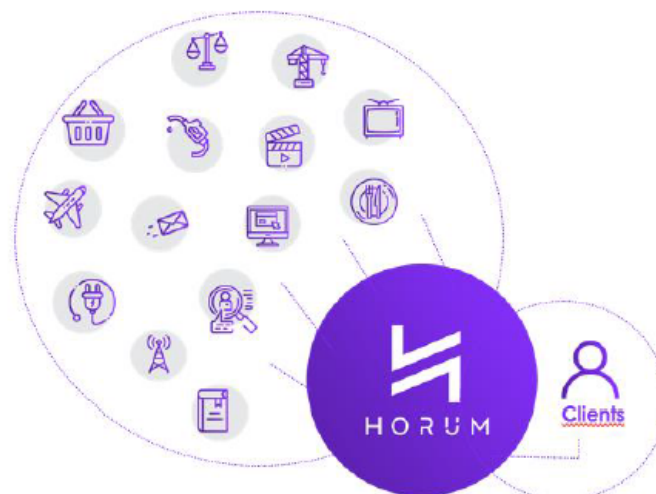
Financial solutions build on our own and protected know-how, never seen in a traditional banking sector before.

- **Smart contracts** - remote signing of conditional contracts
- **International transfers** - in real time
- **Asset tokenization** - an alternative to credit



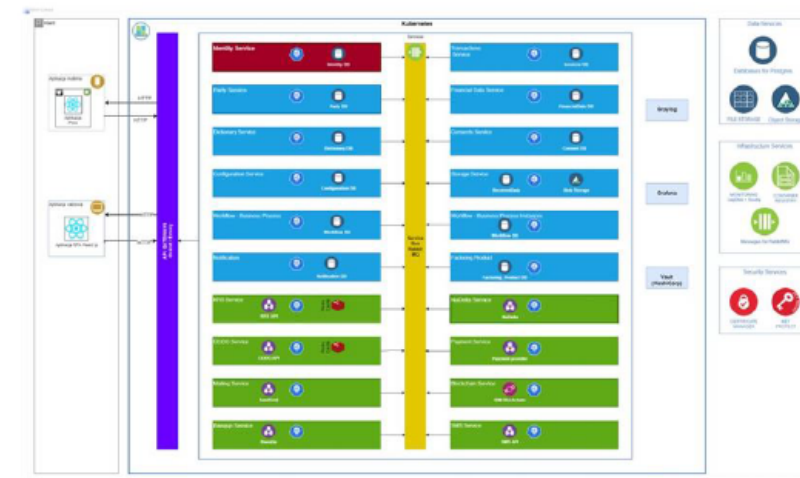
MODERN BUSINESS MODEL PROFITABLE IN AN ENVIRONMENT OF LOW INTEREST RATES

Federation allows for the possibility of businesses consolidation, which will provide all necessary services to a banking customer on one platform. The Federation's partners complement each other (they are more competitive), what increases the possibility of gaining customers (business scalability) and expand their operations and activity on international markets.



MODERN PLATFORM TECHNOLOGY TECHNOLOGICAL AND BUSINESS ADVANTAGE

- Multi-Cloud computing
- Containers & Microservices
Modular design, isolated components, well thought-out integration
- Architecture as a Code
Continuous integration (CI) and Continuous Delivery (CD) for secure and more frequent delivery of proven changes in Platform application code



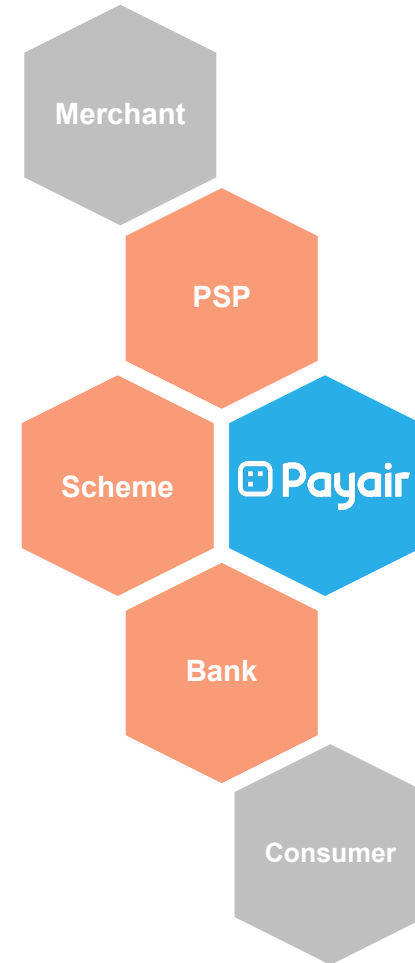
Payair

CONNECTING ALL PLAYERS IN DIGITAL PAYMENT ECOSYSTEM

- Founded in 2009, offices in Poland and Sweden
- 30+ digital payment integration projects
- MasterCard's Platinum Partner since 2015
- Several Tier 1 Bank customers
- PCI-DSS certified PSP since 2013

We offer:

- **Pre-digitization of OEM Pays** e.g. Apple Pay, Google Pay
- **Token Lifecycle Management** Token Connect & Control
- **Contactless payments** Directly from banks' mobile app
- **Tokenization** MDES for Merchants
- **Click-to-Pay** SRC
- **SoftPOS** Mobile payment terminal



Swedbank 

eika.



SpareBank 1

 ecster

ICA Banken

 Resurs Bank

LHV



VISA



Google Pay



SAMSUNG pay

titbit pay



GARMIN PAY™

www.payair.co



Who we are

PayEye is an iris recognition-based biometric payment platform

Our solution transforms conventional methods of payment into new sleek solution:

- It gives merchants a multi-tool for quick and effortless customer handling
- It gives customers a smart solution for hands-free and smooth payment

The PayEye solution makes up a comprehensive payment platform, POS multifunction device, and customer's e-wallet app.

How we tackle mobile payment problems

Problems with payments:

- A customer must carry a physical device or object at all times (like cash, credit card, smartphone) in order to make any payment at any point of sales.
- A customer must remember a specific password or PIN number assigned to her/his bank card or a payment application. This is a constant problem with memorizing and reminding.
- You can lose your wallet. Your cards may be stolen and your phone may be hacked. Then all your PINs and passwords will be at risk... And your money may already be gone! This is a problem of lack of security.

Our solution:

Biometrics helps replace all the unnecessary gadgets (i.e. cards, phones and passwords which you have to carry around in order to complete a payment transaction) with one plain solution.

- PayEye gives you full freedom and independence offering hands-free payment. A single eye scan makes it all.
- PayEye guarantees topmost safety of your transaction and your identification data thanks to the uniqueness of biometric features of the human eye.
- PayEye gives you convenience of intuitiveness and seamless use in everyday activities.

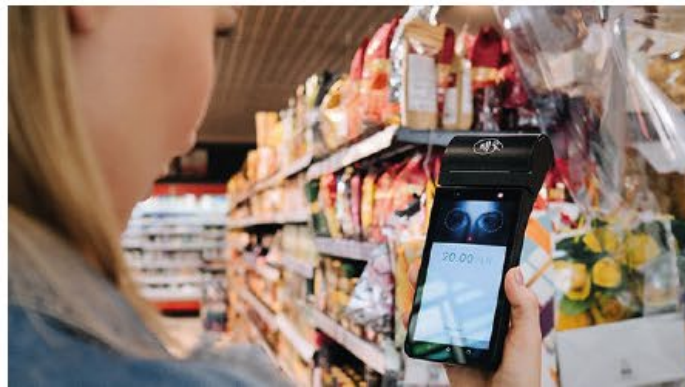
Watch PayEye in action:

<https://www.youtube.com/watch?v=IT-aKUmLb-gw>

Contact:

Piotr Klodnicki, International Partnership Manager

piotr.klodnicki@payeye.com
<https://payeye.com/en/>





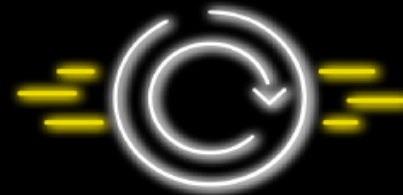
CLOUD

Paynow is the first payment processing solution in Poland to use cloud services so widely, so performance is not an issue.



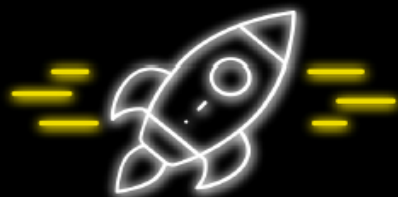
SECURITY

The mBank Group security standards implemented to the solution, guarantee the highest banking-level protection of data.



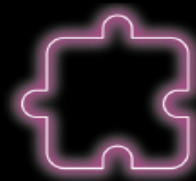
SWIFTNESS

All incoming transactions are transferred to your account instantly, or collectively in a once a day transfer.



EFFICIENCY

High availability and performance guaranteed. Scalable up to 200 payment transactions per second successfully processed.



INTEGRATIONS

5 minutes plugin integration
Simple and high quality REST API for developers.



Piwik PRO makes powerful, privacy-compliant analytics software and offers high-touch support, so customers can get the most out of their data.

It provides flexible reports and data collection in addition to consent management, tag management and a customer data platform.



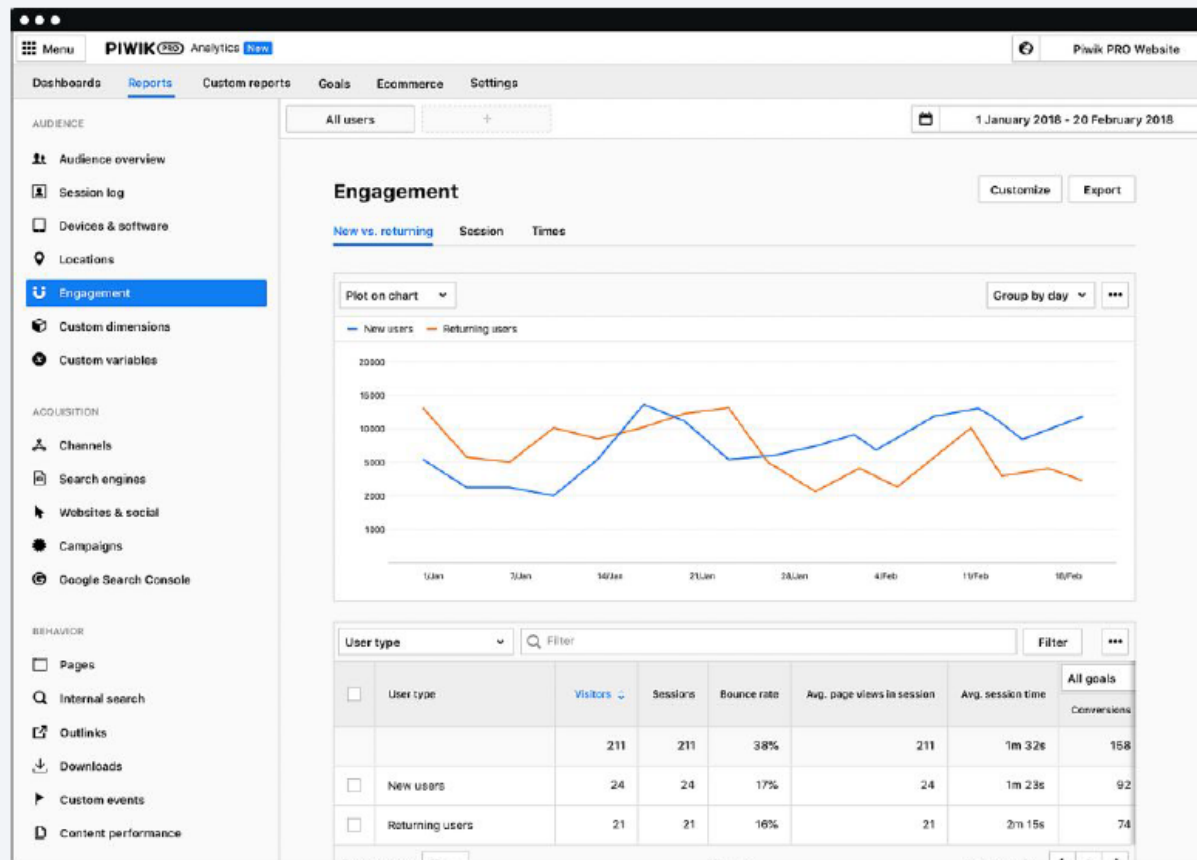
Complete customer journey analytics



Compliant with privacy regulations



High security standards



Clients include

Major corporate and government institutions, and other organizations dealing with sensitive data choose Piwik PRO



Cybersecurity

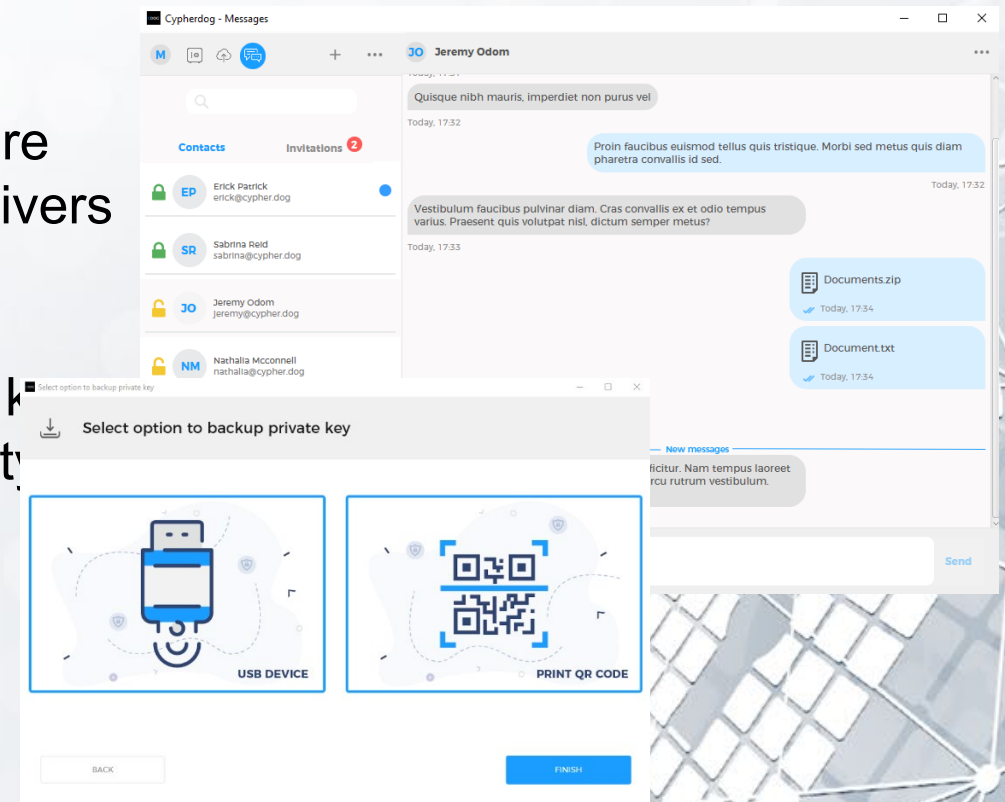
CYPHER.DOG®

Cypherdog - set of tools to: file transfer, storing data in secure cloud, local resource encryption, ultra-secure text Messenger for desktop and mobile devices, Windows, macOS, Linux, Android and iOS (soon)

CypherCollect – tool for mass automatic sending in secure way documents (statements, invoices, etc.) to many receivers

The main differences from the available solutions:
without any third party, absolute protection of the private key
zero-knowledge security model, public keys and credibility
ranking in blockchain

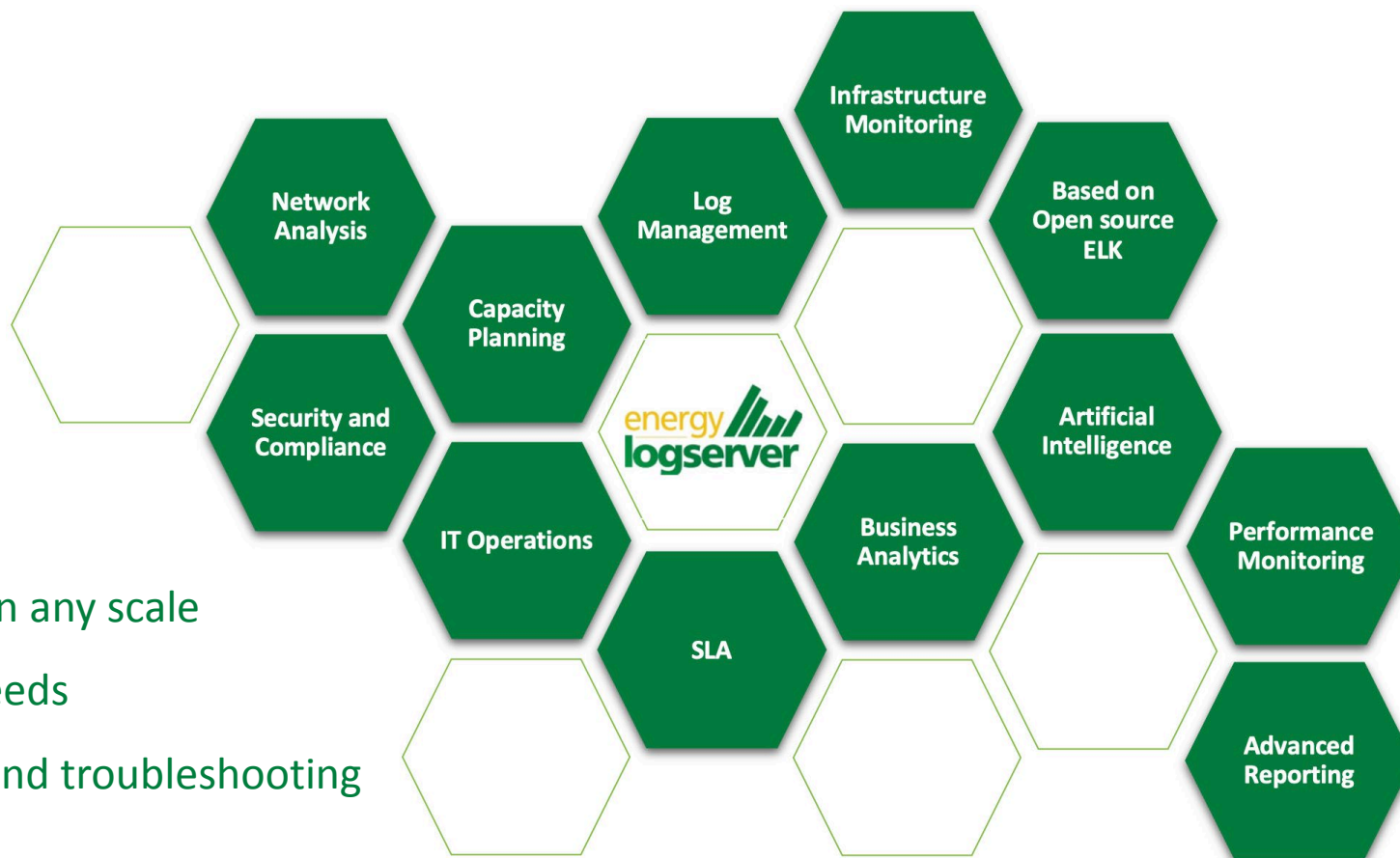
Countermeasures: economic espionage, data leaks,
invoice hacking, new generation of ransomware





One Platform,
Unlimited Perspectives

- Powerful Log Management for any data in any scale
- Innovative SIEM tailored for Customer needs
- Network Analysis for advanced security and troubleshooting



Cooperation with **bako tech**[®] sole distributor on Uzbekistan market

✉ sales@energylogserver.pl

🌐 www.energylogserver.pl



ISEC provides specialised IT security services. Our experts have experience in: security testing, social-engineering projects, source code analyses, designing and implementing secure solutions, threat intelligence / OSINT and R&D.

We have been involved in IT security since 2001, when, as ISEC Security Research group, we started publishing security advisories based on our research and findings.

Service category:

- Penetration tests
- Security assessments
- Sociotechnical tests
- Network, applications and IoT vulnerability analyses
- Support in incident response and investigations

We help our Clients identify, understand and fix security weaknesses in their applications and infrastructure. We actively support Clients in building secure IT solutions and improving their approach to cybersecurity management. We take on unconventional projects requiring exceptional creativity and R&D capabilities.

Our experience in banking sector:

ISEC has been actively involved in improving cybersecurity posture of Polish financial institutions including retail and corporate banks, co-operative banks, insurance companies, consumer finance services. We have taken part in low-level security assessments (i.e. hardware hacking and source code analysis) as well as high-level evaluation of bank's security posture (i.e. a red teaming engagement for one of the most innovative and biggest Polish banks with international branches). We have been continuously engaged in conducting vulnerability analyses, penetration testing as well as web and mobile applications security assessments for one of the biggest international consumer finance services provider. Our technical skillset combined with vast experience from different areas (incl. IT / telecom, finance, military, health care and consulting services) lets us approach any and every project with necessary creativity and expertise to solve complex cybersecurity tasks and problems with eagerness.

MPED SP. Z O.O. – *The highest level of programming*

- Creation and maintenance of systems based on Microsoft technology
- Production and implementation of voice controlled technology
- Creation and implementation of system integrations and automations
- Creation and maintenance of mobile applications
- Software supporting marketing, sales and e-commerce departments
- Support during the whole proces of programming
- Partnership with R&D departament of AGH University in Krakow about technology of automative speech recognision



Ten years on the market



Team of experienced programmers



Partnership with Microsoft



NETWORK

Monitoring of network devices



INVENTORY

IT Asset Management (ITAM)



USERS

Security of data and employee management



HELPDESK

System of notices, chat room and remote help



DATAGUAR

Data protection against displacement



SMARTTIME

Time management and employee activity measurement

Integrated IT management and security

All-in-one IT management and security

nVision ensures security and the effectiveness of organization (network monitoring, end-point management, security of users, data protection against leakage, remote help, remote work, downtimes prevention, optimization of costs).

100% data safety – encrypted & locally owned

Customers are full owners of gathered data, NO TRANSFER – NO CLOUD - no need to transfer your data outside your company or use cloud solutions. Axence does not have any access to the clients' data and servers. Encrypted using TLS 1.2. Software is provided by an independent vendor from Krakow, Poland with full capital and business autonomy.

Used in ministries, government entities, military, public administration,

banking & financial sector

But also heavy and construction industry, medical sector and manufacturing industry internationally.

Compliance with GDPR, ISO 20071, European and international regulations

nVision is used by:



Smart City

LookO2[®] - Wireless Laser Air Quality Sensor

Laser measurement of PM1, PM2.5, PM10 in the air

Simple and intuitive to operate

Wireless enabled

Quick installation and scalability

Fast visualization of readings



Quick integration with Smart Cities via build in API access

Recognized by hundreds of customers

Modern, distinctive and unique design

Build-in rich statistics for further analysis

Ready for outdoor and indoor installation

Easy to expand with temp, humidity, pressure sensors...



Made in Poland

More info: www.looko2.com

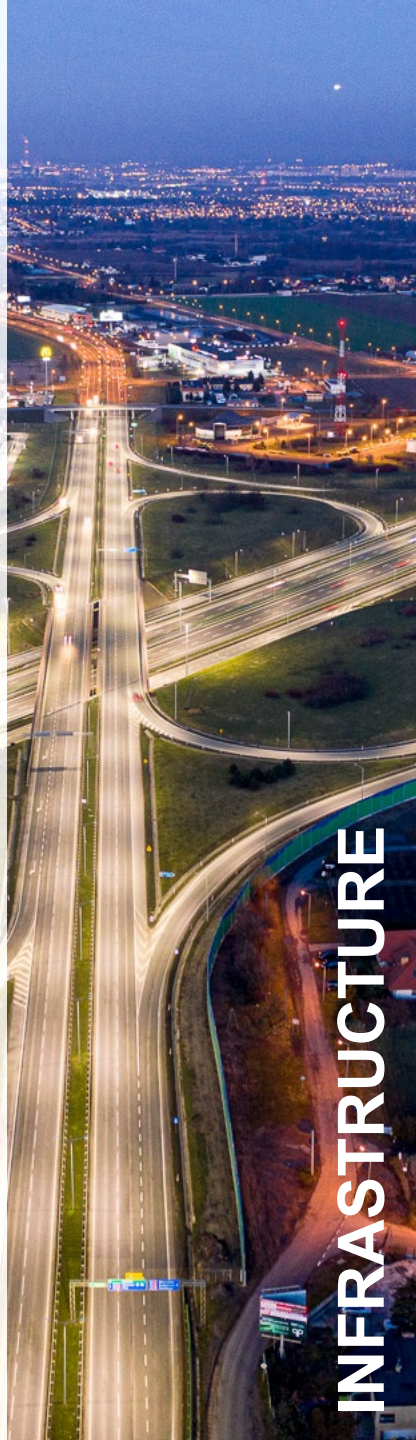
Contact: kontakt@looko2.com



Leading manufacturer of SMART lighting solutions

LUG is a leading European manufacturer of professional LED lighting solutions with 30 years of experience. A rich product portfolio, in-house R&D department as well as teams of experienced lighting designers, architects and technical advisors allow us to provide comprehensive solutions for even the most demanding projects. What is more, thanks to our ability to synergize advantages of LED and IoT technologies, we are active in the smart lighting and smart city areas helping municipalities better adapt to the needs of their citizens and manage different aspects of city life more efficiently.

luglightfactory.com



INFRASTRUCTURE



PUBLIC AREAS



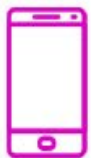
INTERIOR
& ARCHITECTURE



INDUSTRY

PARKCASH – PARKING SHARING ECOSYSTEM

SMART CITY, OFFICE, RESIDENTIAL, HOTEL, AIRPORT PARKING



MOBILE APP

Find, rent and pay
Android or iOS smartphones



WEB APP

Management panel
Accessible from any device (RWD)



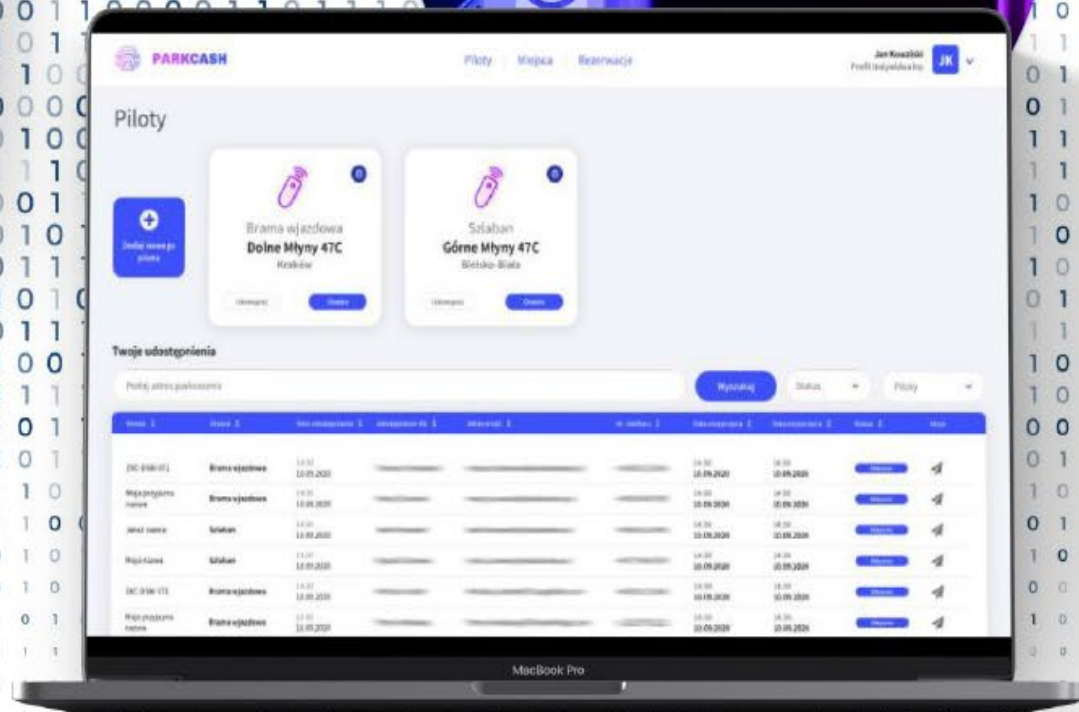
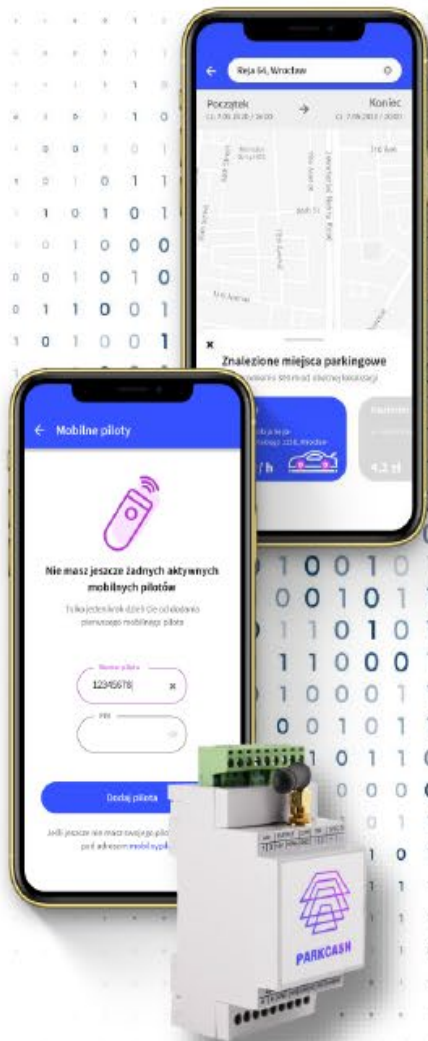
REMOTE

Mobile remote control™
IoT controller compatible with any gate/barrier



DATA

Collect, process, provide
Parking habits data provider



ROOVEE

BIKES FOR CITIES WITH A FUTURE:

We made the difficult easy.



FOR AN INSTITUTION:

you call us, we talk, we take care of everything. That's it!



FOR CITIZENS:

you tap in the app you ride the bike, you return it. That's it!



FOR THE PLANET:

less CO2 more health. That's it!



HOW TO PRONOUNCE IT?

YOU SAY /'RU:vi/ AND RIDE ROOVEE :)



We have simplified and perfected a very complex service in a way that lets you launch it in your city more easily than ever before.

www.roovee.eu



SIMLAB

Digital Home Experience

SIMLAB is a technology company focused on facility digitalization and development of software apps for homeowners and AEC industry (Architecture Engineering Construction).

Company helps to provide intelligent DigitalTwin models of factories, hospitals, hotels and residential buildings with the use of 3D model of scanned facility, combined with the real data from sensors installed in the building. Our main goal is to push boundaries of Building Management Systems (BMS), Home Automation technology and SmartHome IoT sensors, to make digitalization more affordable and widely available. We want to turn personal living space and individual working environment into multimedia digital command center, available through a computer, tablet or even smartphone access. To make it happen SIMLAB is developing cloud solution and software toolkits focused on 3D data, which will allow to monitor and track changes in the facility, supervise construction progress as well as monitor aging process of the building. This will make help homeowners, rental agencies and even insurance companies to control current status of their properties, schedule maintenance and read real time IoT sensor data through the whole life cycle of the building

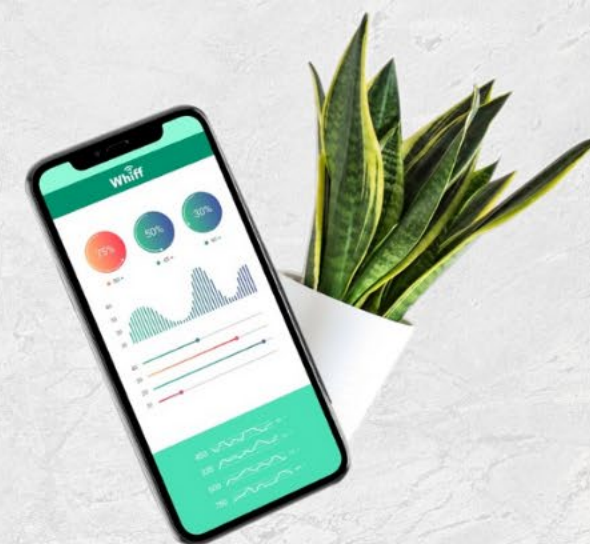
We work from: Poland, USA, Sweden.

We work for: Poland, USA, Sweden, Japan and others.



Work Whiff it.

Whiff Zone is the space where you breath with air purified by plants. Is that possible? **Of course.**



The measurement

Involves installing pollution sensors outside or inside the facility. Data is collected and then analyzed.

One of the most important elements is the selection of sensors used to measure the level of pollution.

In cooperation with scientists from the Warsaw University of Technology, we have prepared several modules giving the possibility of optimal adjustment of measurement methodology.



Plant design and planting

Based on the data analysis, we create a planting project incorporating plants that meet the needs of the particular facility or its surroundings.

Plants have developed efficient mechanisms for collecting and detoxifying pollutants.

All plants have a positive effect on the environment: they assimilate carbon dioxide, produce oxygen, and improve well-being, however, usefulness in the field of air purification from substances has been determined for only about 50 species.



Mobile application with data access

Air quality data is collected and analyzed all the time. This process makes it possible to give recommendations for facility use and plant care.

The client receives access to the mobile application, which enables real-time viewing of air quality data. The application also has a historical data module.

Let's build together **whiff.zone**

IT for transport

The main provider of IT services essential for the operation of railways in Poland

Cargo transport



Business management



Passenger transport



- application software (systems and applications)
- support and operation
- colocation, hosting, structural networks
- technological consulting
- solutions compliant with national and EU regulations

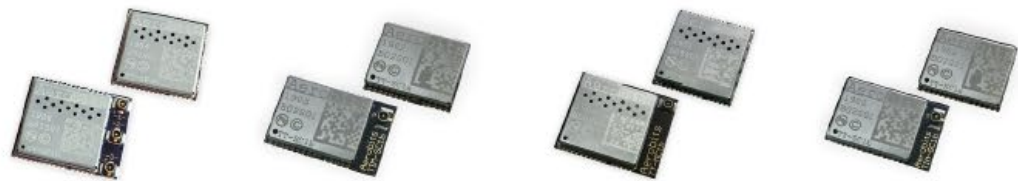
Security Operations Center 24h

Security of systems, applications
and IT infrastructure critical for railways



Drones

OEMS - low-level ADS-B devices for integration directly on printed circuit boards



TT-SF1

TT-SC1

TT-MC1

TT-SC1-EXT

EVALs - for quick integration available 

Plug&Plays - device for individual user



TR-1W

TR-1F

TR-1A

THE HOD FOR UAS

AERO

Ground Infrastructure



Mobile Ground Station

Omni-directional Ground Station

Sector Antenna

Aero RPi Hat

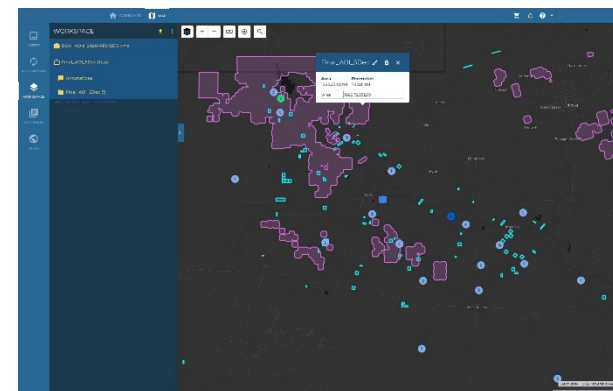
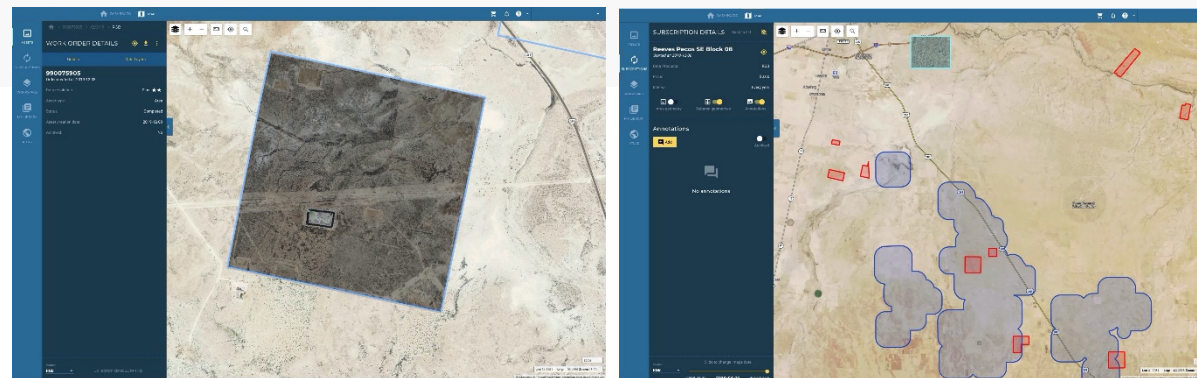
Micro ADS-B for sUAS

Technological solutions for the system integration of UAS into the airspace

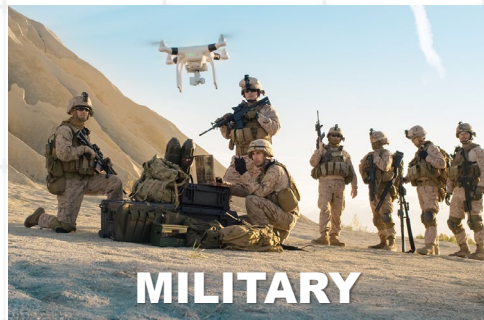


apptimia Your drone and IoT software expert

- Software R&D company, founded in 2015
- Customers: USA IoT and drone companies
- Software development, 30+ software experts
- **ApptiMap**
 - DaaS (Data as a Service) cloud platform
 - Workflow planning for aerial data collection
 - UAV/drone-collected data storage
 - Web-based GIS tools
 - Customers in the USA: Oil&Gas industry
- **Tailored software projects**
 - Software R&D services
 - Consulting
 - Internet of Things, drone and drone-data processing software
- Get in touch with us: office@apptimia.com



Advanced radar technologies for drones and birds detection



We design and manufacture every crucial component of our products and systems. From **silicon chips** through **electronics, algorithms, software,** to **final integration.**



Dronehub.ai

The ecosystem of autonomous drones, ground infrastructure and AI software designed to optimize monitoring & data collection.

Dronehub is **the only one in the world system** that replaces flat batteries with fully charged ones. The process takes up to 2 minutes. This solution eliminates traditional battery charging time that can reach up to 3 hours. Dronehub is a European leader in building **advanced drones-in-a-box** solution.

Dronehub solutions are designed for **monitoring, inspection** and **measurement** in industry and agriculture. The development of the project is conducted together with the **European Space Agency** and the **European Defence Agency**. Dronehub software enables fast data analysis using **top-market IBM ML algorithms**. In the next step the software will be open as API or marketplace for 3rd party service providers.



DRONEHUB



Polish Air Navigation Services Agency (PANSa)



www.pansa.pl

business@pansa.pl

Tomasz Kłosowicz

(+48 22) 574 50 68

@PANSa_PL

8 Wieszowa Str.
02-147 Warsaw, Poland

The Polish Air Navigation Services Agency (PANSa) has been managing air traffic in the Polish sky for 50 years. PANSa ensures flight operation safety in the Polish airspace, which is the sixth largest in Europe.

As an organisation that is strategically oriented to safety, effectiveness and development, PANSa perfectly understands the current needs and requirements of the aviation market. The challenges related to ensuring smooth air traffic and effective airspace management, including matters of sustainable development and innovation, put PANSa in a position of competence and experience to offer wide range products and services.

COMMON AIRSPACE TOOL (CAT)

Used for receiving and verifying structure reservations while improving the process of creation and publication of the Airspace Use Plan (AUP), system provides for efficient management of airspace structures.

PANDORA

Displaying aeronautical information (maps, meteorological data, frequencies, photographs, aircraft technical data etc.), system supports operations personnel in real time.

PansaUTM

Globally unique UAV flights coordination and flight plans management system designed to meet the changing requirements of airspace managers and unmanned aviation market.

FLIGHT INSPECTION SERVICES

Services of aerodrome ground equipment inspections, validation of instrument flight procedures and testing of counter-drone/UAV systems.

CONSULTING

Services customised to the Clients needs and provided by experienced specialists with many years of working for PANSa and other aviation institutions.

TRAINING

Licence courses, basic and refresher training for flight simulation and operation stations training instructors and assessment staff.

About SoftBlue SA

SoftBlue SA is an advisory and introductory company in the IT sector and an operator of new technologies, present on the market since 2003. SoftBlue SA is one of the most important centres supporting innovation, technology transfer and conducting research projects in Poland (R&D Center, legal status nr 7/CBR/16 granted by Ministry of Entrepreneurship and Technology). Major areas of our activity are software and IoT solutions.

Vistula Firearms Training System

- Accurate firearm simulation,
- Maximum security,
- Modularity, extensibility,
- Various types of firearms, including fully automatic rifles,
- Various training options and skills drills,
- Configuration of your own targets
- Analysis tools,
- Tactical ammo compatible,
- Simulates firing range environment.



AirDron

- own battery power supply
- wireless connectivity in the ISM band: 433 MHz, 868 MHz or WiFi,
- measurement of suspended particulate matter PM1, PM2.5, PM10,
- measurement of the concentration of 5 selected gases,
- measurement of the concentration of volatile organic compounds or flammable gases,
- temperature, pressure and humidity measurement,
- results recorder with a GPS position marker that allows you to create air pollution maps.



modular anti-drone system



**SKYctrl
Mobile**



**SKYctrl
Stationary**



ULTRA-PRECISE DETECTION

3D MIMO radars
Visual sensors
Acoustic sensors
WiFi sensors
Prediction software



HIGHLY ACCURATE TRACKING

Multi target and swarm
Birds
Contraband
Visualised by CyView C2
software platform



INSTANT CLASSIFICATION

Drones vs birds
differentiation
Powered by AI
deep neural network
algorithms



EFFECTIVE NEUTRALISATION

20 bands jamming:
ISM, VHF, UHF,
GSM, UMTS, LTE,
GNSS, WIFI, UKF
Hard-kill mitigation integration



**VISUAL
SENSOR**



**ACOUSTIC
SENSOR**



**WiFi SENSOR
& DISCONNECTOR**



**NEUTRALISATION
JAMMERS**

SKY ctrl is a state-of-the-art system for detecting and neutralizing drones entering restricted airspace. The system currently protects over a dozen critical and military infrastructure sites around the world.
Contact: +48 505 17 60 31
www.terrahexen.com
office@terrahexen.com

SKYctrl Mobile

Instrumented range **7 - 50 km**

Minimum detection range **1 m**

Maximum detection range **2 - 10 km**

Range accuracy **10 - 1 m**

Range resolution **6 - 3 m**

Minimum target altitude **1 m**

Maximum target altitude **7 - 50 km**

Azimuth/elevation **90°-20°/60°-10°**

Frequency **X-Band**

Technologies **AESA/MIMO**

Tx output power (peak) **8W - 24 W**

WiFi detection **2.4 GHz and 5 GHz**

SKYctrl Stationary

Instrumented range **7 - 50 km**

Minimum detection range **1 m**

Maximum detection range **2 - 10 km**

Range accuracy **10 - 1 m**

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uAvionics Technologies Ltd, leading Polish drone manufacturer and provider of professional drone services in Poland and on international market since 2014. Our products are delivered to clients in Poland , USA , Mexico, Kazakhstan, Australia and Nigeria . Book of our drone services includes most reputable clients in Poland like PKN Orlen , Polish State Forestry or KPMG Malta. Our drones offer wide range of applications in several sectors such as in oil & gas, energy and power distribution, agro and forestry, construction, infrastructure monitoring and control, geomapping, firefighting and rescue , border control and inspection, police and defence.



TIGUAR S-410 – state of the art , fixed wings hybrid UAV, with up to 20h flight endurance and up to 1.800km flight range , **is world's best** in its class of up to 25kg maximum take of weight.

Meet US Federal Aviation and Polish Civil Aviation Agency regulations.

Wingspan – 4,1 m

Lenght – 2,32m

Propulsion type – electric and gasoline propulsion

Maxiumum flight endurance – 20h

Maximum flight range – 1.800km

Maximum takeoff weight – 25kg (Empty – 14kg)

Flight ceiling – 3500m AMSL

Cruise speed – 21-25m/s (max cruise speed – 40m/s)

Recovery – runway landing , parachute landing

Operational temperatures - -20C to +40C

INSPECTOR / GEOMAPPER - is an world class copter type UAV adapted to perform tasks of inspection and photogrammetry. The modular design ensures ease of its use by operator.

Level flight speed 27 km / h

Working temperature range From -10 ° C to + 40 ° C

Maximum flight time over up to 40 minutes

Weight <5 kg

Horizontal dimension <1.2 m

Height <1.2 m

The minimum range in the open area is 1.2 km

Maximum flight altitude of 1,000 meters AMSL



UAVIONICS
UNMANNED SYSTEMS TECHNOLOGY

Aviation



WOJSKOWE ZAKŁADY LOTNICZE NO. 2 S.A.

**WOJSKOWE ZAKŁADY
LOTNICZE NO. 2 S.A.**

Bydgoszcz

107 Szubińska St.
85-915 Bydgoszcz, Poland
phone: + 48 52 36 28 601
fax: + 48 52 36 28 602
e-mail: sekretariat@wzl2.mil.pl

Warszawa

1/3 Księcia Bolesława St.
01-452 Warszawa, Poland
phone: +48 22 532 43 01
fax: +48 22 532 43 04
e-mail: sekretariat@wzl4.mil.pl

www.wzl2.mil.pl

**TRUST
IN
THE BEST**



WZL Nr 2 S.A. scope of activity - servicing

- **Repair and overhaul of military aircraft: Su-22, MiG-29, F-16, C-130 Hercules**
- **Periodical maintenance of aircraft**
- **Servicing and overhaul of LRUs**
- **Modernization and integration of avionics**
- **Aircraft painting and PMB paint stripping**
- **Repair and maintenance of airliner's and general aviation aircraft (PART 145)**

WZL Nr 2 S.A. scope of activity – engine servicing

- **F100-PW-229 for F16C/D Block 52+**
- **PW127G for CASA C295M**
- **RD-33 for MiG-29**
- **AL-21F3/F3A for Su-22M4/Su-24M**
- **TW2-117A/AG for Mi-8**
- **TS-21 for Su-22M4/Su-24M**
- **AI-9W for Mi-14, Mi-17, Mi-24**

Water sector/IT for water sector

Apator Group



electricity



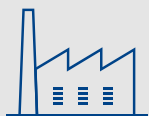
water&heat



gas



14
companies
in the Group



9
production
facilities



about **2600**
employees



12
R&D offices

- electricity meters
- modern energy management systems
- equipment used to distribute electricity and protect electrical circuits
- systems and solutions supporting the work of services in the management, operation and supervision of energy networks
- solutions for effective network asset management

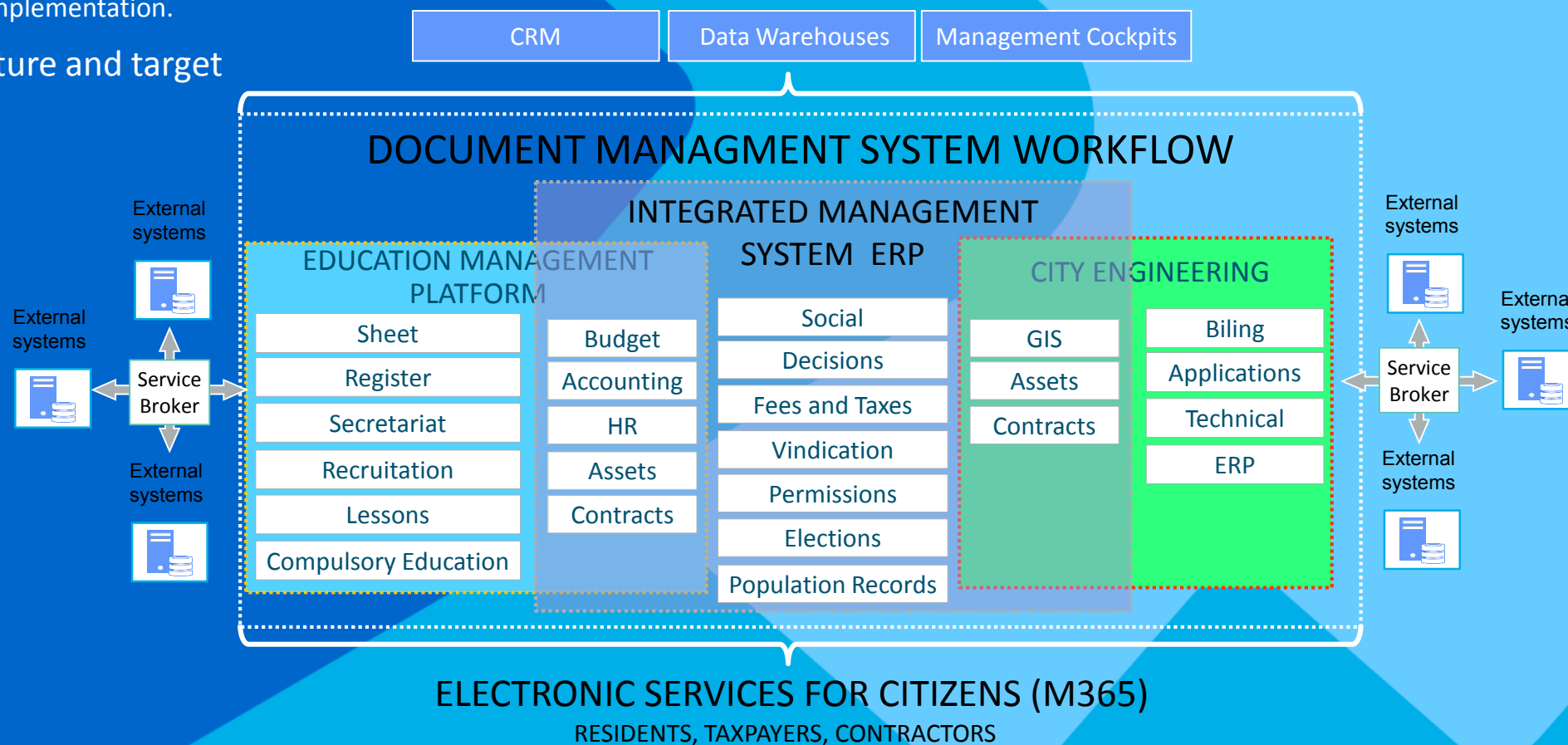
- residential and industrial water meters, heat meters
- heat cost allocators
- remote reading services, media consumption billing and management of water and heat distribution systems

- home and industrial bellows gas meters
- intelligent gas meters with remote data readout function and a system that enables the suspension and resumption of gas supply by means of data transmission over the GSM mobile network using the SMART-GAS protocol

OTAGO (ERP System) – tools for local administration

- OTAGO system is a key product of Asseco Data Systems. It is a complete and integrated ERP class system designed for local governments, available in the cloud. It is integrated with other Asseco Data Systems products, such as the Miasto365 resident portal, the Educational Management Platform (Platforma Zarządzania Oświatą), or the Document Management System (System Zarządzania Dokumentacją), enabling communication with external systems. The solution can act both as a tool supporting a single entity (city office, city organizational units) as well as a central, uniform system for all organizational units of local government - office, budget units. The solution consists of several dozen cooperating and integrated applications. Individual system modules can also function independently of each other, which allows for phased implementation.

- The system architecture and target



GIG COOPERATION OFFER FOR PARTNERS FROM UZBEKISTAN

GiG
Research
Institute

gig.eu

Central Mining Institute

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VAT: 6340126016
Registration No: 000023461

T: + 48 32 259 20 00
F: + 48 32 259 65 33

Environmental engineering

Technology for processing and sewage sludge management
"waste to product" solutions

Strategic analysis, feasibility study and pre-feasibility study

Remediation technologies for brownfields and the regeneration of post-mining areas

Water risk prevention, water treatment, passive and active techniques

Development of new materials based on industrial wastes

Recovery of rare earth elements

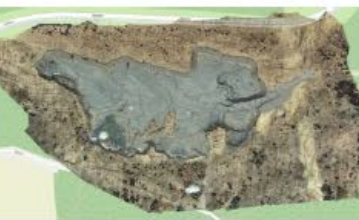
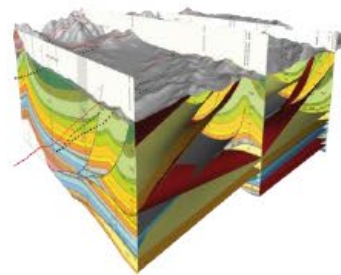
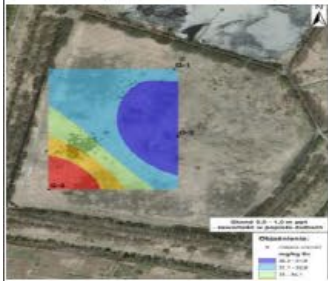
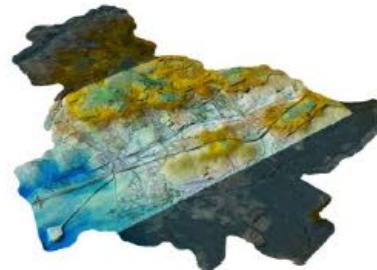
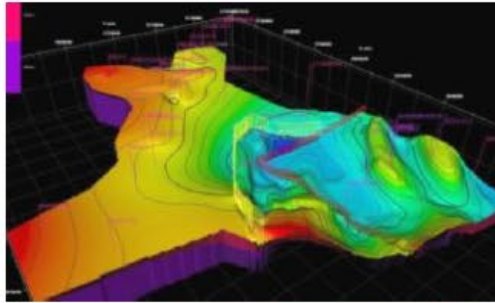
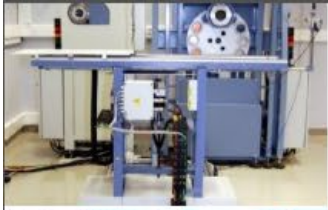
Radiological protection, radioecology, environmental radioactivity and pollution

Surface and structures protection on mining and post-mining areas

Coal preparation, dry coal preparation and waste management

Certification

Training and specialized courses



GiG Research
Institute



WARSZAWA S.A.

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INSTAL WARSZAWA S.A. has been operating since 1951 and since 2007 it has been a company in SEEN Holding Sp. z o.o.

INSTAL WARSZAWA S.A. specializes in turn-key construction of municipal and industrial environmental protection and heat management facilities. Whether INSTAL is also specialized in industrial facilities, such as storage of bulky substances (fly ash, sugar, etc. ...) or installations for air protection against odors.

The main activity of INSTAL WARSZAWA S.A. is the construction (and design) of municipal wastewater treatment plants and solid waste treatment (segregation) and landfill facilities. Within water and sewage projects we are involved in construction of water supply and sewage networks.

- Our clients are the largest cities in Poland, such as Warsaw, and small municipalities.
- Heating is a new department, where the first few contracts are carried out.
- In activities in other markets, we are looking for local partners, especially designers who know the regulations and construction companies involved in the execution.

**Polish family company
with 60 years' history**

- Cutting edge **products**
- Patented geotechnical **solutions**
- Comprehensive **services** for civil engineering



**GEOTECHNICAL
PROFILES:**

vinyl sheet piling, hybrid sheet piling, earth anchors, geogrids



**FLOOD PROTECTION and
WATER RETENTION:**

small retention sluices, road culverts, mobile flood-protection systems



LAB TESTING:

Tensile force testing (PN-EN ISO 10319:2015)
Resistance tests of large geotechnical profiles (ASTM D-6109-05)
FEM numerical analysis (MIDAS)



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- growing and harvesting vegetables.



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