

Rising Semiconductor Hubs in Poland: Invest in Pomerania's Journey



European Funds
for Pomorskie



Republic
of Poland

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OFFICE OF THE MARSHAL
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we care more

Poland – Semiconductor industry

1st

Poland ranks highest
among **European**
countries in the Kearney
ranking

7.2%

European EMS production.
Poland is the **fifth largest EMS**
production center in Europe.

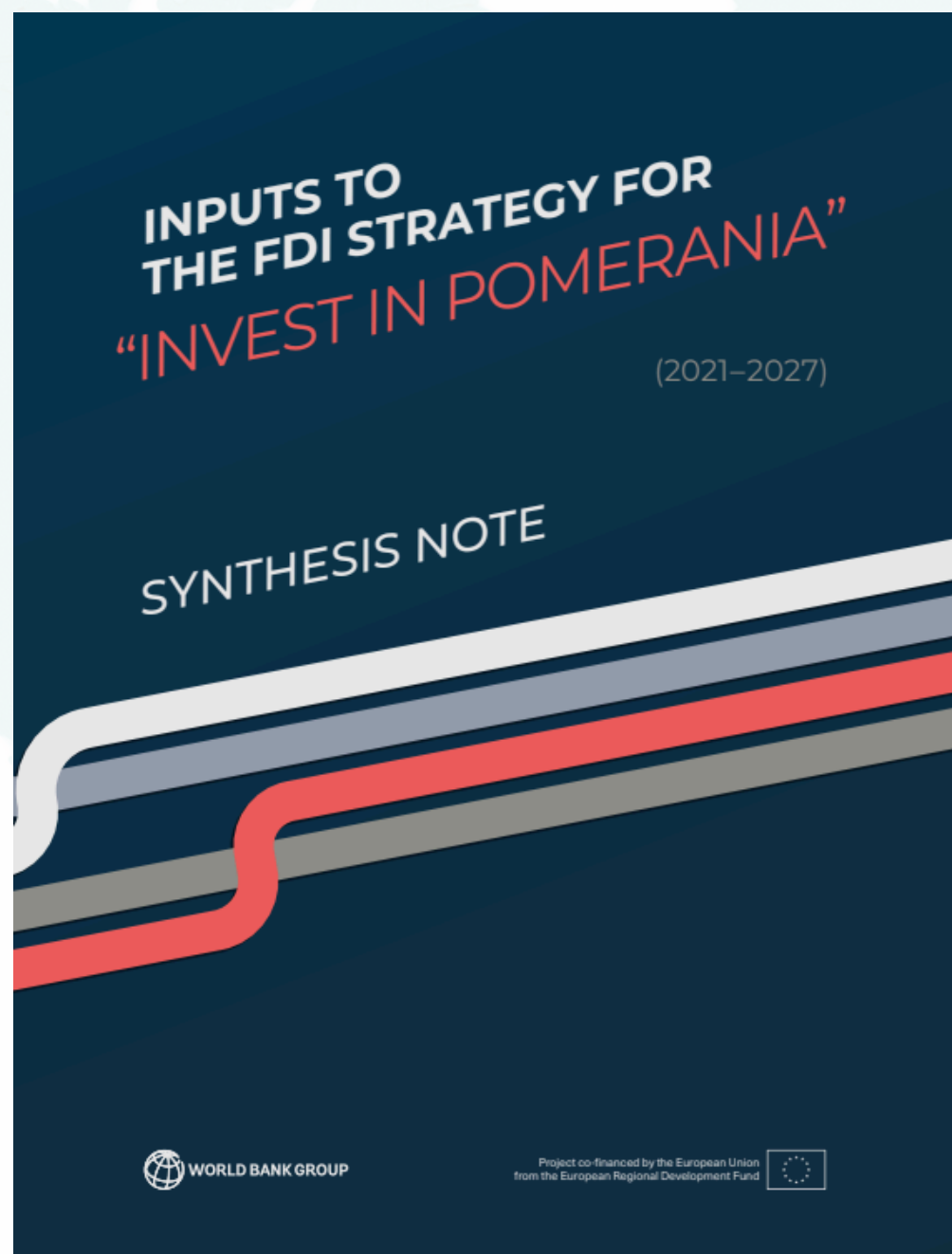
KEARNEY

1st Taiwan

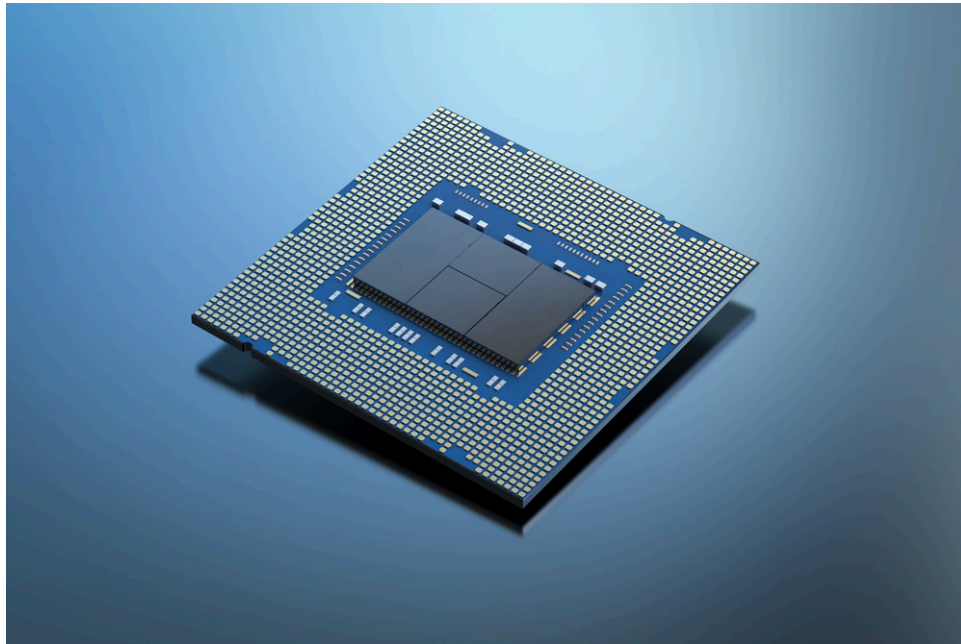
5th Poland

Poland scored a total of **5.2** points in the Kearney ranking, the lider-Taiwan recieved **6** points). Notably, **3.4 points** were awarded for the country's buisness-friendly environment.

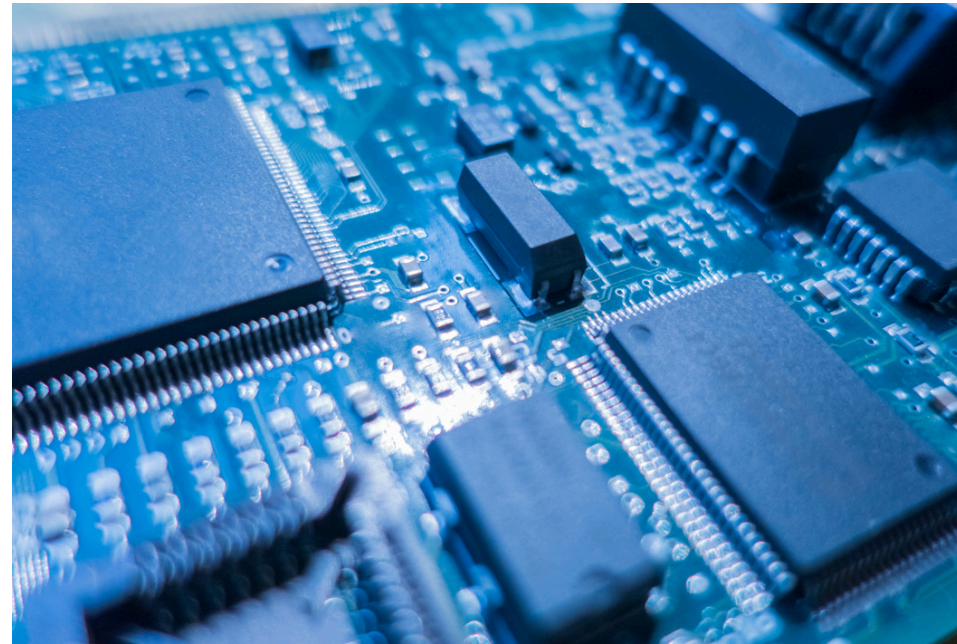
National strategy



Opportunities for Poland



Integrated Circuit (IC) design



Manufacturing of materials
and components



Testing and Packaging

Most Polish companies in this Semiconductor industry are small but very specialized enterprises, and it is this high specialization that may constitute our competitive advantage.

Tomasz Ćwienk, Digital Core Design

Polish ecosystem

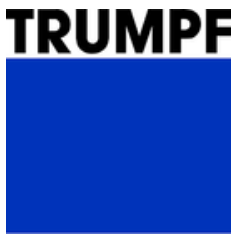
Materials



Integrated Device Manufacturer



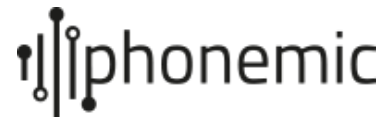
Manufacturing equipment



Chemistry & others



Design



Recent Investments



Existing Ecosystem in Pomerania

1/5

of employees in the manufacture
of computers and electronic
products in Poland work in the
Pomeranian voivodeship



Educational Offer

Department of Microelectronic Systems - Gdańsk Tech

one of the university's most innovative units, specializes in low-power analog and digital circuit design, microwave and CMOS technologies, and Edge AI research, supported by a **Cadence** and **Synopsys Certified** Lab offering advanced IC design tools and training;

The Department of Optoelectronics - Gdańsk Tech

specializes in optical detection systems, **OCT technologies**, and advanced semiconductor materials, conducting research on optical, electrochemical, and energy-storage devices, as well as plasma, laser, and 3D printing processes for applications in electronics and medicine.

Faculty of Physics University of Gdańsk

One of the Faculty's greatest achievements is the establishment of the International Centre for Theory of Quantum Technologies (**ICTQT**), which has become one of Europe's leading hubs for research in quantum communication, quantum computing, and cryptography.

TOP 2%

Gdańsk Tech has a highly qualified teaching and research staff, including 71 researchers listed among the top 2% of scientists worldwide;



is the largest academic association of universities in Poland

Pomerania High-Tech Industrial Park

a joint project with TAIPO to create the European gateway for Taiwanese companies



Visualization of potential investment area development



Our activities

Joining SEMI

Semicon tradeshows, ISS



Dresden



Taiwan





What's next?

MEP Solutions



COO

Oriel Kadosh



MEP OSM Solutions
4D Modular FAB IN A BOX™



we work with :



SmartAMR



MEP OSM Solutions
4D Modular FAB IN A BOX™

SEMICONDUCTOR SERVICES
Structure, Piping & Electrical,
OSM Fabrication & Assembly

MEP OSM Solutions



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www.MEPsltn.com



About us

MEP Solutions was founded in September 2004, and specializes in design, management, and execution of complex global engineering projects in the semiconductor and data centers industries. We manage GOSM manufacturing and assembly facilities with automated warehouses and AI technology in Europe, spanning approximately 40,000 square meters, for the world's leading companies, and we can design and manufacture approximately 160 megawatts of infrastructure and data center supports, including piping of all types, and electrical cubs simultaneously.

Our services include a wide range of engineering design using BIM360 and 3D modeling, we boast a workforce of over 120 direct employees, design engineers, mechanical, electrical, quality, and organization and methods, and employ more than 200 subcontractor employees.

The company harnesses the best-in-class technology and techniques for design and construction, with the aim of providing the lowest possible cost to customers.

Industry-leading development and construction platform is backed by efficiency and performance in global procurement, and we are suppliers of Industrial iron, piping, and electrical components, by sea freight, air, and land.

In every project, the most important measure of success is safety, Zero Incidents, Zero Injuries, we incorporate safety thinking at every moment of the project lifecycle. Safety is our top priority - every time.

Our clients trust us to deliver an incredible construction experience that turns their complex visions into reality.

We value and respect deep and close collaboration, both within our team and with our clients, and honor an unwavering commitment, to the team, to the clients, to excellence.



Poland

Why MEP SOLUTIONS?

- ✓ Experienced and Proven Track Record in OSM 3D modules with vast experience in assembly of gas and chemical delivery systems and CMS creating a complete ready to install 3D BOX.
- ✓ Understanding of Clients requirements.
- ✓ We are Fixers, not Finders.
- ✓ A-Z From 3D BIM, Design Management & Engineering to Complete 3D BOX delivered in Kit or complete.
- ✓ Established Key Team;
 - * Long Term Staff.
 - * Ability to recognize potential issues and develop solutions.
 - * Accountability & Direct to client focus.
- ✓ Procurement;
 - * More than 18 sole Global Agreements.
 - * Established Supply Chain & Management local footprint in Israel, Europe & USA.
- ✓ Leading Prefabrication & Modularization using the most advanced tooling & techniques, strive to be better everyday



Global Off-Site manufacturing (GOSM)



3D Models & BIM 360

The knowledge and experience we have acquired allow us to provide advanced technological solutions in 3D modeling using the BIM 360 platform and offer advanced tools for process management optimization, quality control that combines modern technologies and 3D scanning, and economic efficiency.

Creating 3D models allows for accuracy that reduces the risk of collisions and delays, saves the project budget by up to 40% of project costs, and reduces quality inspection costs by up to 20%.

3D modeling enables close collaboration between design and production teams, leading to better coordination of activities and significant cost reductions.

Project management in BIM 360 software ensures the consistency and accuracy of the model and adherence to schedules, reducing the risk of errors, efficiency and time savings, and eliminating the need for multiple project revisions, better quality control.

In the production process and the quality testing phase, we integrate 3D scanners for precise mapping of every detail that makes up the product, ongoing real-time monitoring and comparing the current state with a model, allowing for rapid identification and elimination of errors.

Using this technology, our customers can increase project efficiency and minimize costs.

3D scanning during the manufacturing process allows for continued monitoring of work progress and immediate response to problems, minimizing design and manufacturing errors.

Operating a technological production GOSM center that uses technological technologies and data enables efficient resource management, which translates into savings and improved quality of services. It enables savings of approximately 30% in operating and human resources costs, improved data and reporting quality - and better strategic decision-making for the



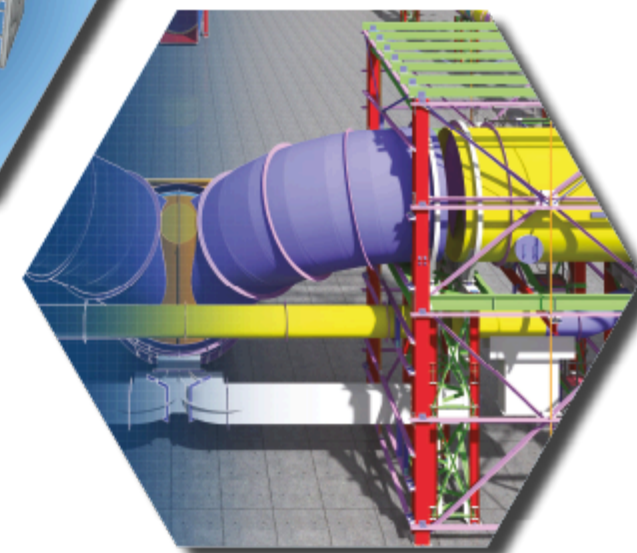
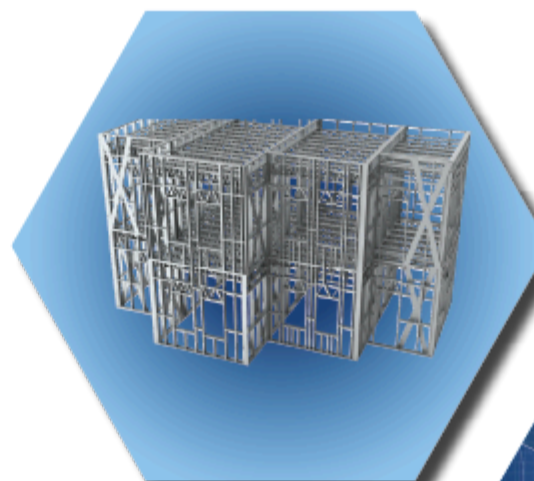
benefit of the customer.

Using BIM and 3D modeling technologies ensures accuracy already in the planning phase, which allows for optimization. We create detailed 3D models of the project, allowing the client to get a complete picture of the project before the production process and producing 2D production drawings.

Our Advantage, Your Savings

Using a 3D model, we will optimize processes, which increase production efficiency.

- ✓ Reducing errors in the design phase.
- ✓ Real-time data analysis.
- ✓ Resource management.
- ✓ Meeting schedules.
- ✓ Precise budget planning, costs and deadlines.
- ✓ Manage model documents and access design data in BIM 360.
- ✓ These benefits support the industry in increasing efficiency and safety



MEP USING EIDA

We are using the **EIDA** management software, the world's leading software for managing large construction projects in the semiconductor and data centers sector and enables budget and schedule management on the move in both the manufacturing and assembly phases and communicates online with the rest of the workstations, quality control, smooth and efficient delivery, leading to economic efficiency, and technical expertise while making a difference in the lives of customers, while maintaining quality and safety.



PURCHASING AND SUPPLY CHAIN

Our purchasing and Supply chain designed to match the unique needs of the project, Our vision is to be the most valuable provider of global construction services by efficiency and performance in global procurement, and we are suppliers of Industrial iron, piping, and electrical components, by sea freight, air, and land.

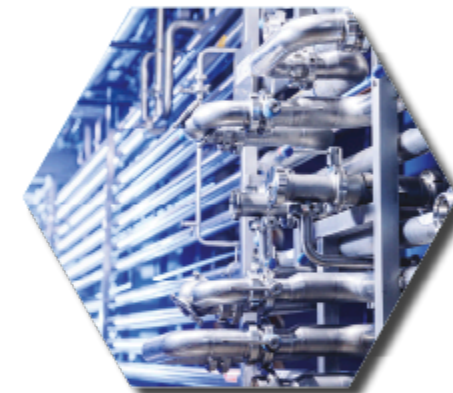


Clean Room Services & Piping Manufacturing

MEP SOLUTIONS specializes in the manufacture of custom clean piping, providing state-of-the-art solutions tailored to meet the stringent requirements of the semiconductor industries, and our vast manufacturing expertise ensures that each component is produced with unrivaled precision and compliance with cleanliness standards, essential to maintaining the integrity of critical environments.

With a commitment to quality and innovation, our custom manufacturing capabilities offer customers not only reliability and performance but also the flexibility to address unique project requirements, ultimately supporting optimal operational efficiency and safety.

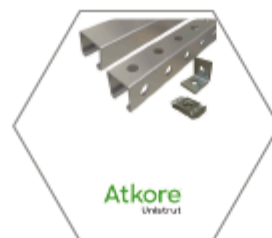
We manufacture clean piping in a clean room with a controlled environment that supports processes such as pressure testing, clean assembly, vacuum sealed packaging and particle counting cleanliness verification. Our welders are certified in Stick, MIG, TIG processes. We use manual and orbital welding machines to join stainless steel pipes, as well as an IR fusion machine for a variety of plastics for any type of need.



MEP OSM SOLUTIONS timeline



Exclusive representation by MEP solutions



Long Lead Items (LLI)

- ✓ Valves - ball, butterfly, check, diaphragm
- ✓ Expansion Joints
- ✓ Instruments
- ✓ Basket Strainers

Accessories & Equipment

- ✓ Bolts, Nuts & Washers
- ✓ Seals
- ✓ Tungstens
- ✓ Beveling Tools
- ✓ Lok & Mini Weld fittings in stock

Pipe & Fittings

- ✓ PVC, CPVC, Clear PVC & Double Containment
- ✓ SS Sch 10 CFOS
- ✓ IDC - (Cooper) Tube & Fittings

Support

- ✓ UNISTRUT metal framing channels & fittings
- ✓ M & C Clamps
- ✓ Flexible Conduit & Fittings Metallic & Non-Metallic
- ✓ EMT Tube & Fittings
- ✓ CMS - Ladders, Trays, Trunking & Mesh

OSM & Pre Fab ATKORE UNISTRUT

- ✓ Supply cut to length
- ✓ Preassembly kits (ikea)
- ✓ Full Design supply and build of MEP Modular racks
- ✓ Tool Install PED Kits (Tool Install)

OSM & Pre Fab Pipe Segments

- ✓ Large Dia of Mains, Laterals & Segments of PVC, CPVC, Clear PVC & Double Containment
- ✓ Carbon Steel ADA
- ✓ Viega Cooper - fittings and Pipes

OSM Data Centers

- ✓ Data Center UNISTRUT Smart Ceilings
- ✓ RMF - Complete flooring system solution
- ✓ CMS Support Kits Pre Assembly
- ✓ Design Pre-Fab & Supply of custom support racks

3PL Services (Only For our customers)

- ✓ In-door & out-door warehousing, Supervision and reception, Collection and assembly, Packaging, handling and building kits
- ✓ Customized combination of warehouse managementspecialized in process & Semiconductor industries, operationsand distribution systems that best suits your needs

Quality Policy

We are committed to consistently providing products that meet or exceed customer requirements and applicable statutory and regulatory requirements. This policy outlines the principles, responsibilities, and procedures to prevent defects, ensure product safety, and drive continuous improvement throughout all manufacturing operations.

This policy applies to all premises, personnel, processes, and products within MEP production facility, from raw material procurement to final product delivery and customer feedback.

Our commitment to quality is driven by specific, measurable objectives. Key objectives are reviewed annually as part of the management review.

MEP Top management is fully committed to the QMS and will ensure the necessary resources (people, premises, equipment) are available to achieve our quality goals.

Our QA system is built upon structured processes to ensure consistency and reliability.



MEP Supplier and Raw Material Quality Control

Supplier Control must be evaluated and approved based on their ability to meet our quality standards. MEP IQC, All incoming raw materials and components undergo documented inspection and testing before being released to the production floor.

Key Checkpoints, Quality checks are performed at critical stages of production to detect issues early mid-production inspections, line clearance checks.

Statistical Process Control (SPC), SPC methods are used to monitor processes in real-time, track data trends, and ensure they remain within control limits.

Final Quality Control and Product Release

All finished products undergo a comprehensive final inspection and testing to confirm they meet all specifications and acceptance criteria before packaging and shipment.

Documentation and Record Keeping, all quality activities, inspection results, non-conformances, and CAPA reports are documented and records maintained as objective evidence of compliance. All documentation is controlled with version history and stored securely.

Equipment Calibration and Maintenance

All testing and measuring equipment used in production and quality control is regularly calibrated and validated to ensure accuracy and reliability.

Training and Competency

MEP ensures that all employees are appropriately trained for their roles and understand the quality standards and procedures relevant to their tasks. Training records are maintained, and competency is regularly assessed.

Internal Audits and Management Review

Internal Audits, Regular internal audits are conducted quarterly (or as defined) to assess the QMS's effectiveness and compliance with this policy and industry standards.

Management Review: Top management reviews the entire QMS at least annually to analyze data trends, performance metrics, and audit findings, ensuring its ongoing suitability and identifying opportunities for improvement.

Certification



Our Management



Oriel Kadosh
C.O.O
Organization and Methods
Engineering



Lior Ben Atia
C.E.O
Business development & 3D
modelling



Ami Amira
C.M.O
Commercial & sales

SII



Head of Industry, High Tech
& Electronics & Industrial Engineering

**Przemysław
Włoczkowski**



Success Story of Sii

Rising Semiconductor Hubs in Poland: Pomerania's Journey

Today's presenter



Przemek Wloczkowski

At Sii since: June 2009

Current position: Senior Head of High Tech, Electronics & Industrial Engineering

In charge of: ~1 500 engineers

Background/Specialty: 20+ years in Sales & Technology

Private: Hobby: martial arts, traveling, people



Sii – the leading technology consulting, digital transformation engineering, and business services vendor in Poland

Establishment

Since 2006

7 300+

Power People and still growing

EUR 500M

Yearly revenue



delivery centers in the biggest cities in Poland

14



Sii global overview



Sii group

Established	1979
Presence	21 countries
Workforce	16,000 people
Specialty	outsourced services

Sii Poland

Established	2006
Workforce	7,500 people

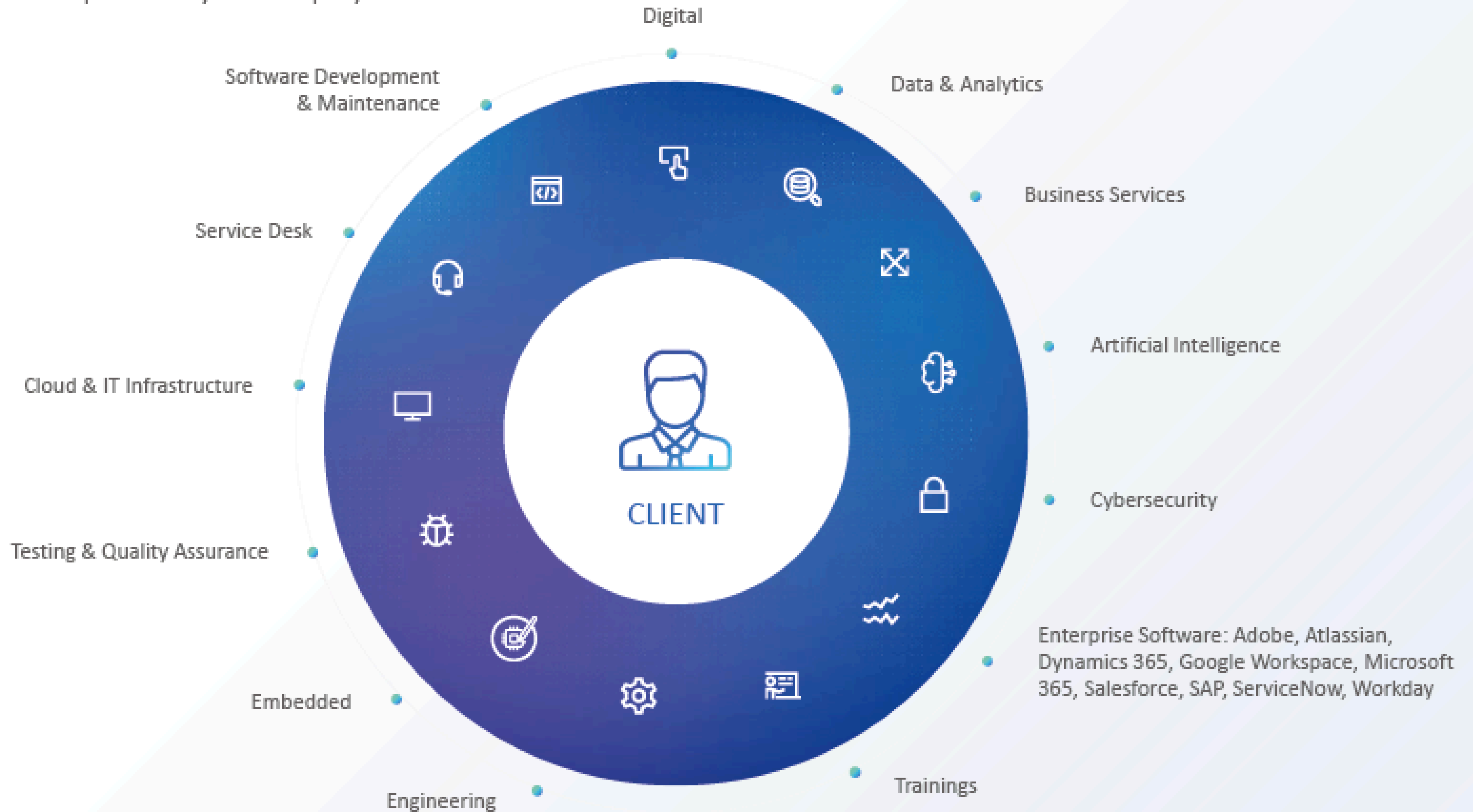
Key partnerships





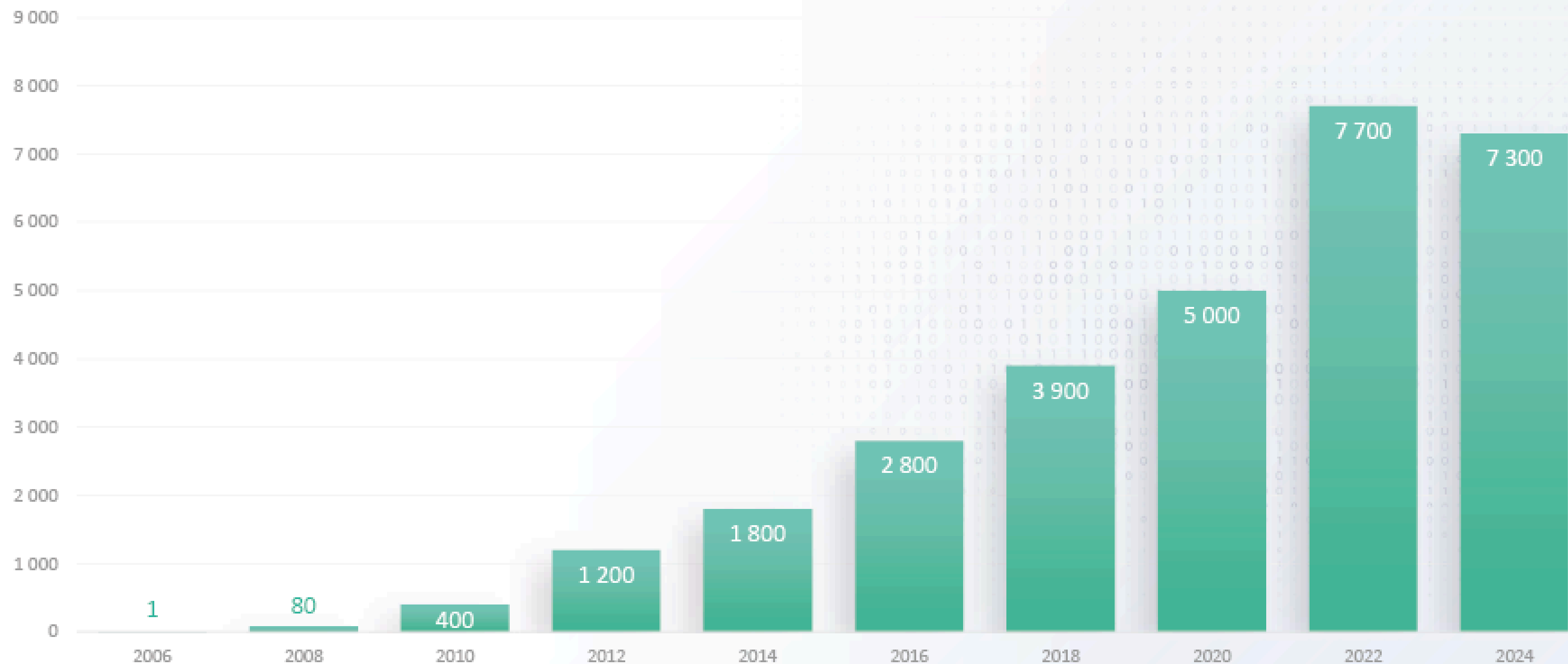
Offer – One-stop shop

All services you need provided by one company

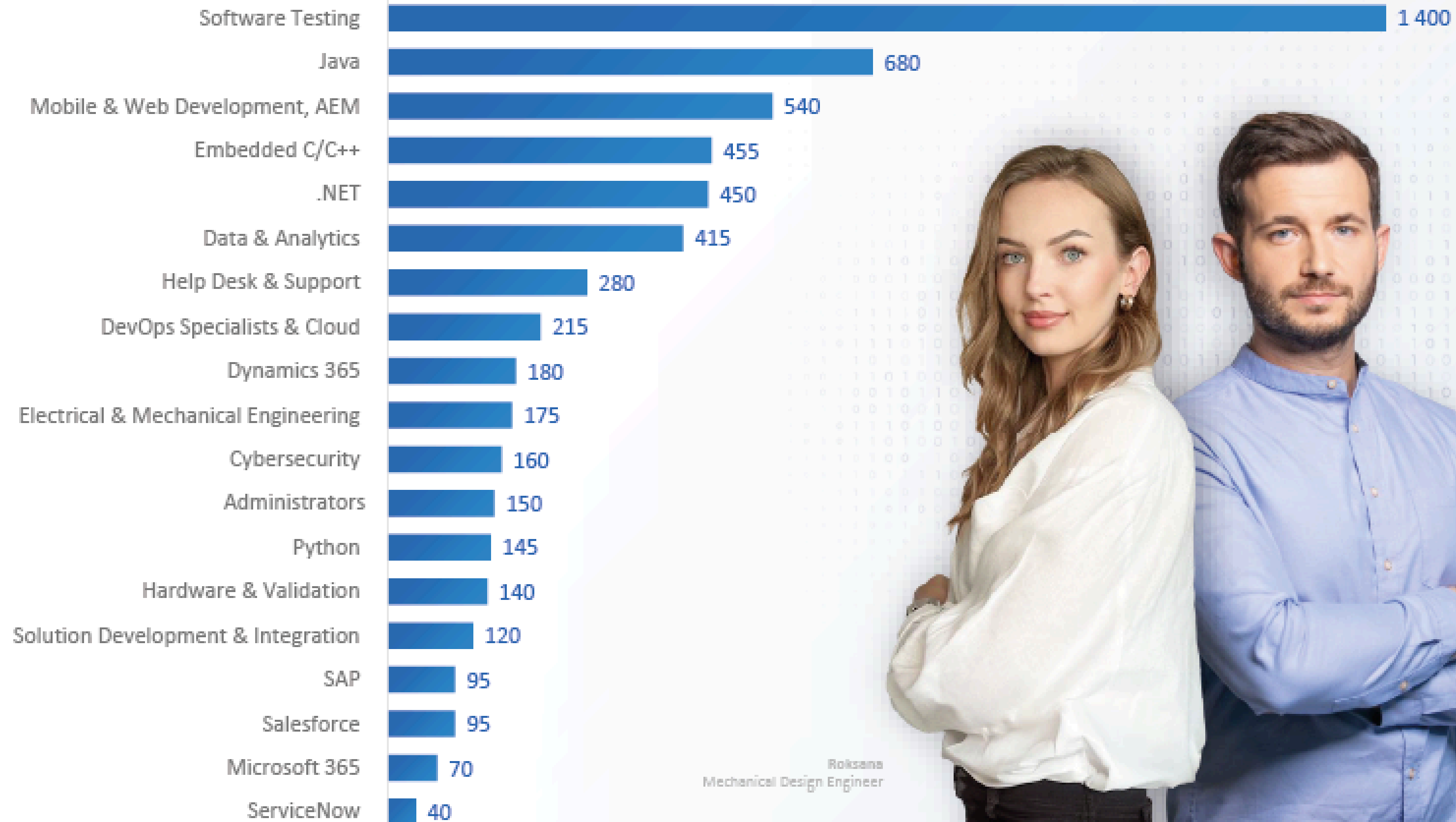


Headcount growth

Number of workers



Sii talent resources – most popular technology profiles



Roksana
Mechanical Design Engineer

Piotr
Competence Lead



SHORT STORY OF SII GDANSK *(POMERANIA REGION)*

Sii Gdańsk Team

Short story of Sii PL – Gdansk branch

It all started in 2008...



FTE: 14

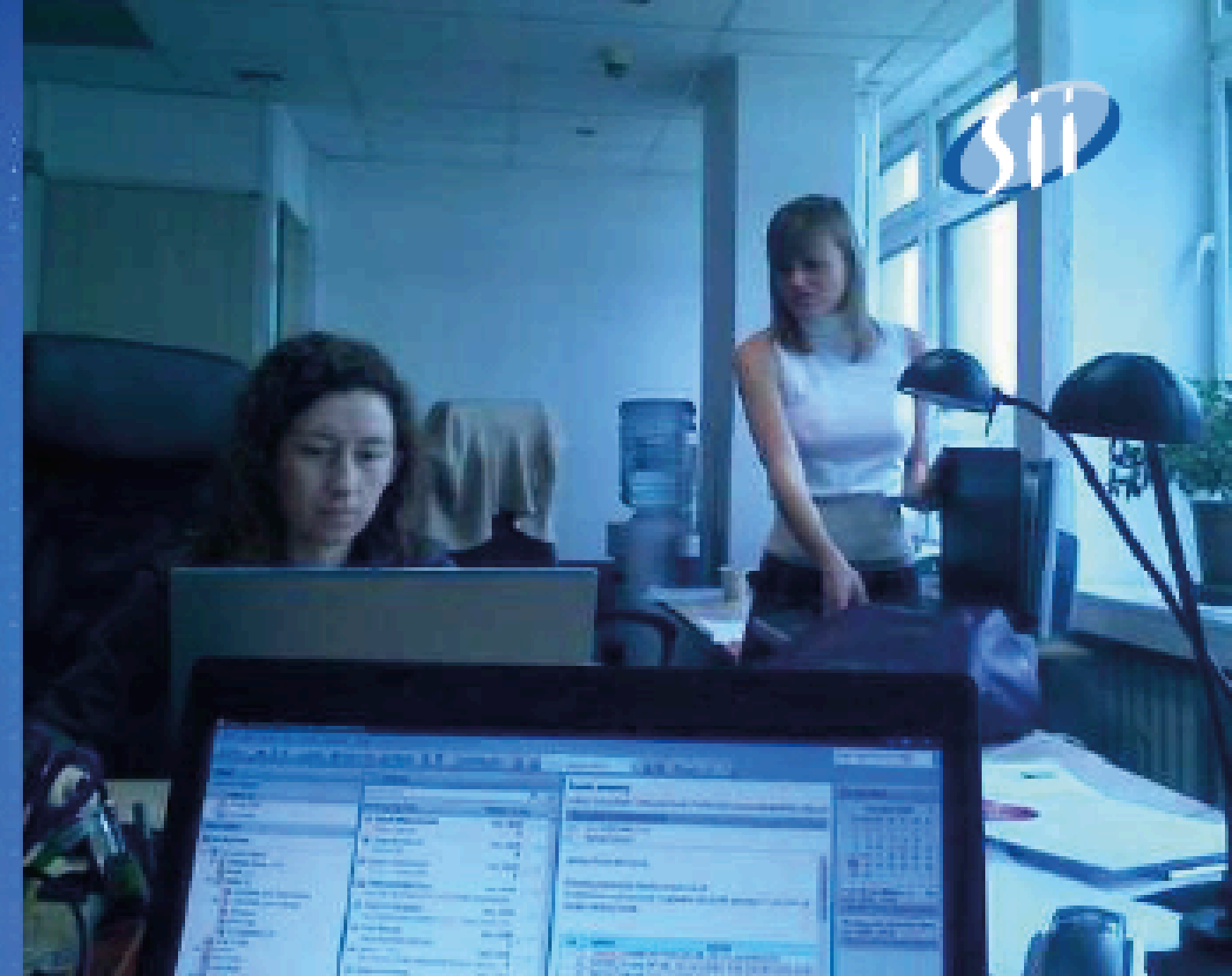


50M²

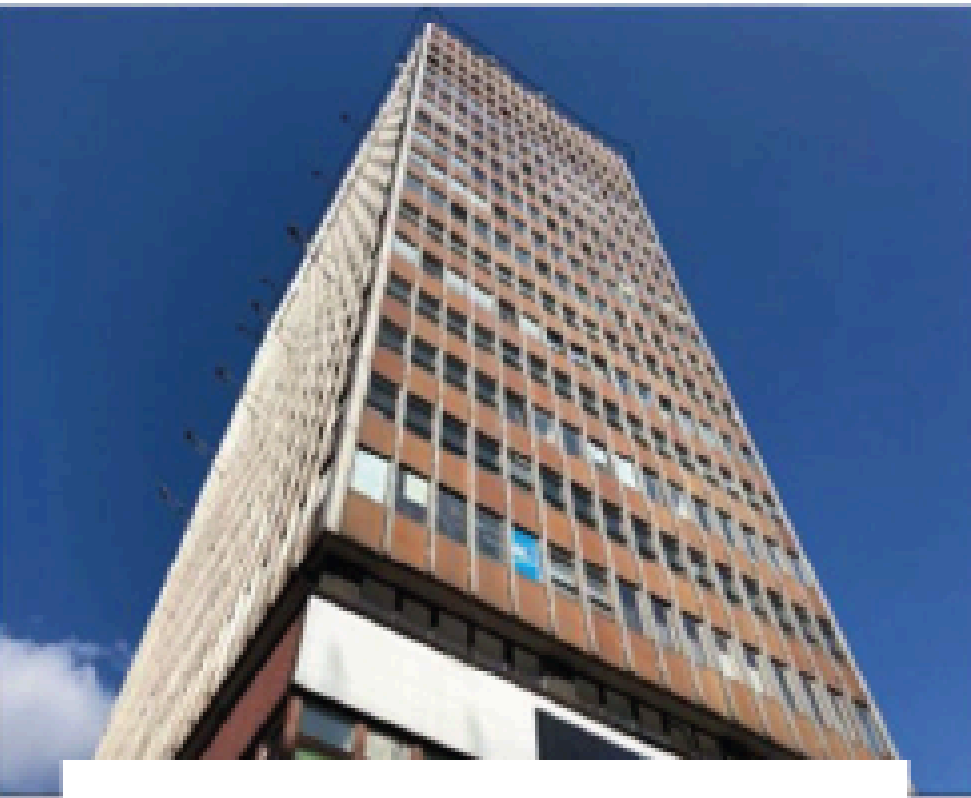
First clients



GE Security



How it started...



Sii Gdansk JAN 2008

35 sqm



Biała Office JAN 2011

230 sqm



Olivia Prime A AUG 2018

10 000 sqm



Sii Shopfloor JUNE 2018

1 000 sqm

17 years and a 8 offices journey

Gdansk/ Pomerania

region overview

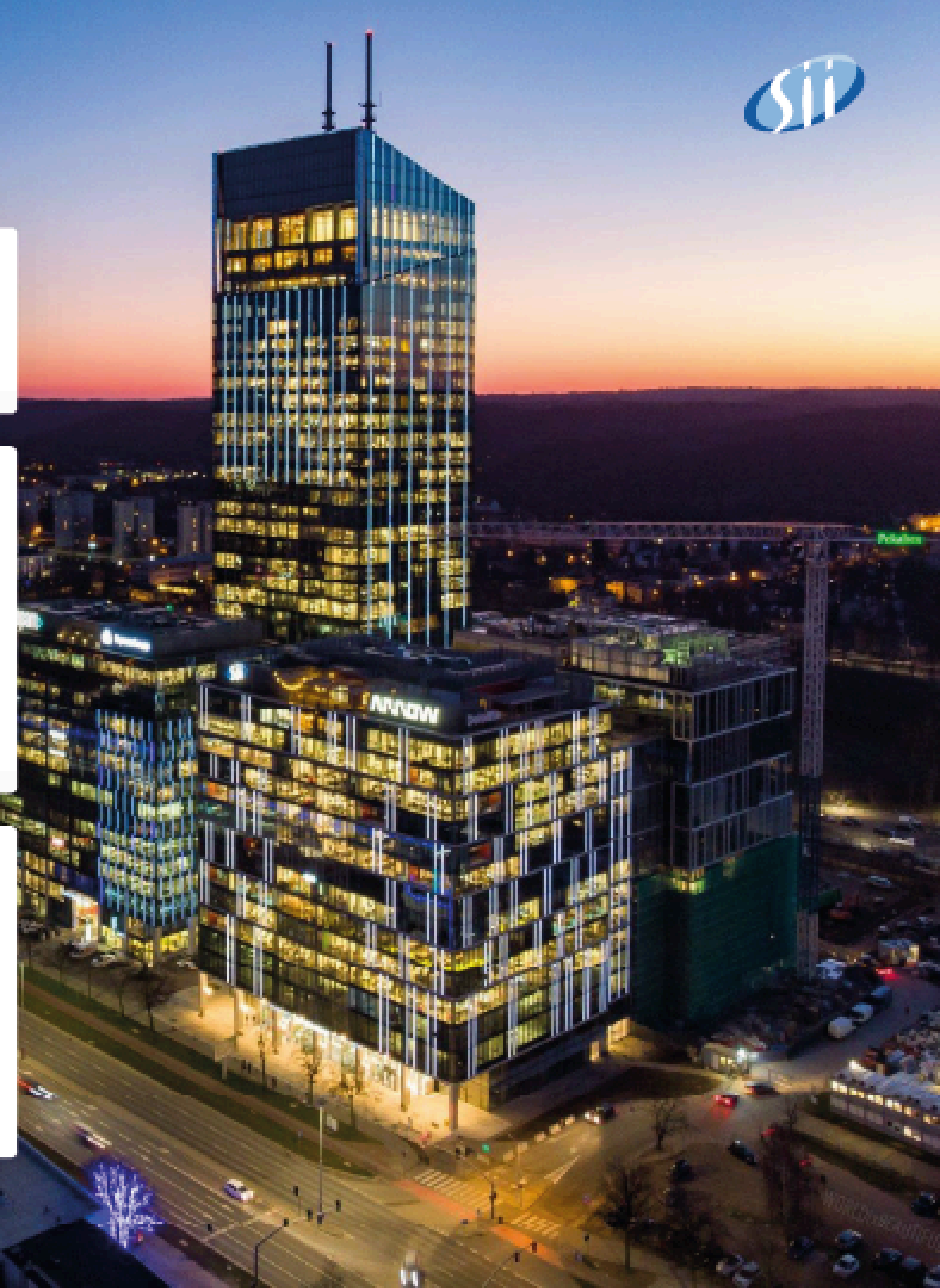


» The 3rd biggest agglomeration in Poland (the biggest north of Warsaw), with 1.6 m residents

» Centered around Gdansk, the Pomeranian region is one of Poland's most dynamic business hubs. With strong IT, engineering, and BPO sectors, it offers a skilled workforce, modern infrastructure, and excellent connectivity with Scandinavia

» Key Sectors:

- | | | |
|-------------------|---------------|-----------------|
| • Maritime Sector | • Electronics | • Automotive |
| • BSS | • IT & R&D | • Biotechnology |
| • Offshore | • Logistics | |



Semiconductor sector clients



We work with industry leaders



Q & A

Contact us



There are many ways we can support your business. Let's find the best one together.



Przemek Włoczkowski

Senior Head of Industry

High Tech | Electronics | Industrial Engineering

pwloczkowski@sii.pl

+48 795 548 333



Thank you!

Speakers

SEMI Europe



CEE
Senior Manager
Max Dropiński

Polish Investment and Trade Agency



CEO
Andrzej Dycha

MEP Solutions



COO
Oriel Kadosh

SII



Head of Industry,
High Tech
& Electronics
& Industrial
Engineering
**Przemysław
Włoczkowski**

City of Dresden



Head of Economic
Development Office
**Steffen
Rietzschel**

Invest in Pomerania



Deputy Director
Mikolaj Trunin



Join us for a cocktail

November 19TH, 2025 at 4:30PM

Hall C2, Invest in Pomerania – booth #C2441



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Connect with



GDĄŃSK UNIVERSITY
OF TECHNOLOGY



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we care more