_Cloud Solutions

psc_ **TRANSITION** TECHNOLOGIES

Your long term and trusted Technology Guide

TRANSITION GROUP
TECHNOLOGIES

Transition Technologies PSC –

The leader among IT software and service providers in Poland.

- 13 years of experience
- 100% Polish Private owned company
- Over 600 employees

Operating globally

- 80% of revenue comes from foreign companies
- The company has branches in the USA, Europe and Asia
- More than 600 projects abroad (USA, Asia, Western Europe). Hundreds of implementations worldwide
- **Service and product company** – know-how in maintenance of own software product line
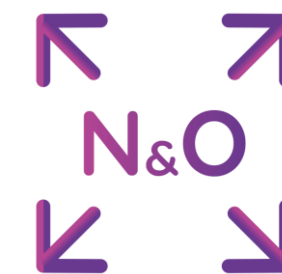
Business areas

| Atlassian Solution Partner | Product Lifecycle Management | Augmented Reality | Outsoucing & Nearshoring | Cloud solutions | Internet of Things |

What makes us unique

01

Long term partnership & R&D experience (our products & infrastructure, augmenting our customer's R&D departments)

- 15 years of cooperation with PTC
- 27 years of cooperation with Emersson

02

Wide access to experienced IT specialists in Poland through office network

- 15 offices in Poland & relationships with Universities in all biggest cities.
- ~450 specialists in Transition Technologies PSC
- ~2000 specialists in Transition Technologies Capital Group
- Up to 3000 specialists available within TT PSC partner network
- 95% of our employees are engineers

03

Global -100% Polish private capital but all our long term & strategic customers comes from Europe, US & Canada.

05

Security (customer IP protection, non-competitive approach, employee checks))

04

Global but Agile –Quick team ramp up (i.e. 3 Scrum teams for public health sector in 1 month)
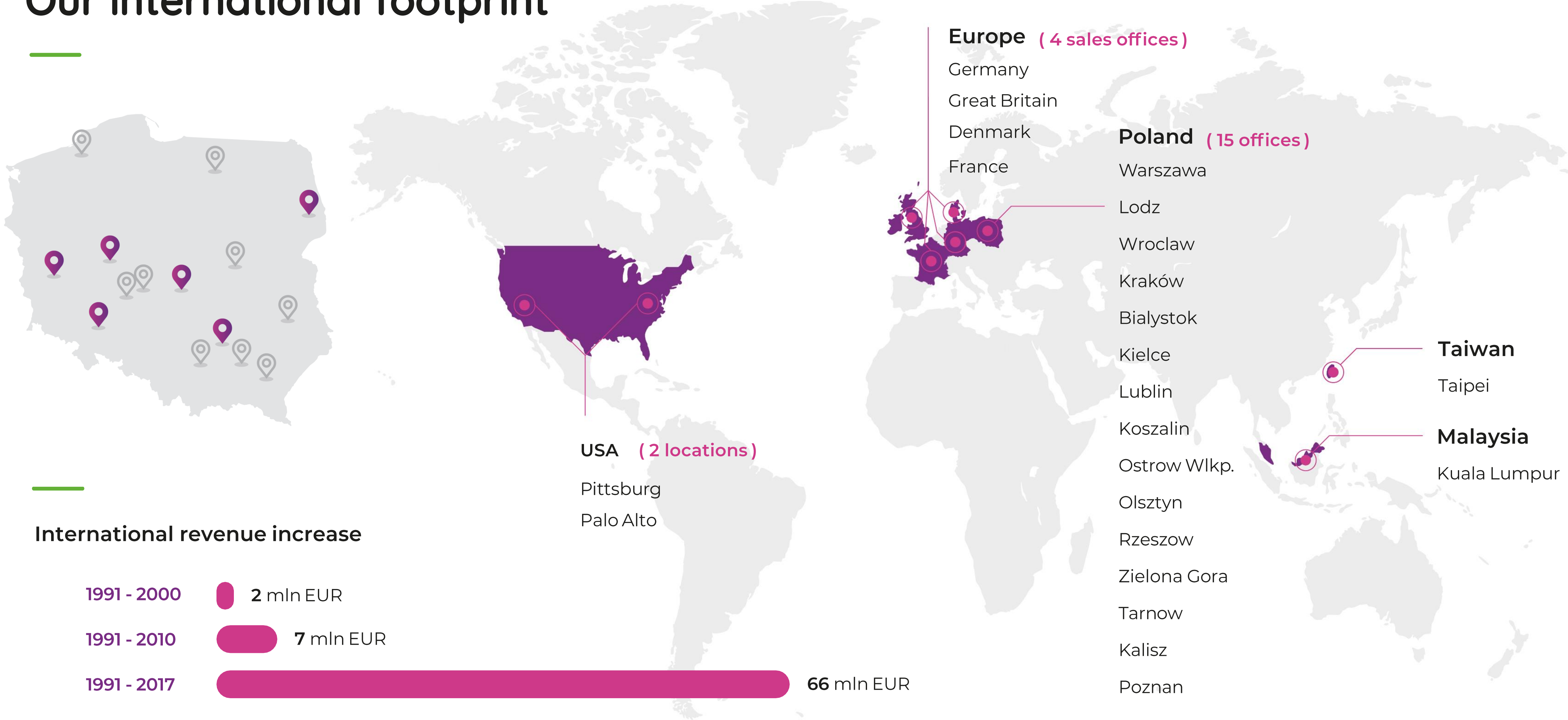
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Transition Technologies PSC Sp. z o.o.

- **TT PSC is a part of** Transition Technologies Group

- **IoT and AR pioneer in Poland**

- **Trust and long term relationship with customers and partners**

- Focus on new technologies, cloud solutions, Industry 4.0, digital twin, early adopter for IoT and AR, rapid prototyping

- **High-tech organization** applying innovative technologies

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Our international footprint

Europe (4 sales offices)

Germany
Great Britain
Denmark
France

Poland (15 offices)

Warszawa
Lodz
Wroclaw
Kraków
Bialystok
Kielce
Lublin
Koszalin
Ostrow Wlkp.
Olsztyn
Rzeszow
Zielona Gora
Tarnow
Kalisz
Poznan

Taiwan

Taipei

Malaysia

Kuala Lumpur

USA (2 locations)

Pittsburg
Palo Alto

International revenue increase

1991 - 2000		**2** mln EUR
1991 - 2010		**7** mln EUR
1991 - 2017		**66** mln EUR

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Security and certification

Transition Technologies Capital Group's **Information Security Management System** (ISMS) is based on the guidelines of the International Organization for Standardization (ISO)

Integrated Management System Policy

Our ISMS has since 2011 been certified by the independent international organisation **TÜV NORD.**

Certificate of Industrial Security of Third Degree issued by **Polish Home Security Agency,** confirming our ability to protect and handle classified information:

- **NATO** with the clause of Secret and Confidential
- **European Union** with the clause of Secret and Confidential.

ISO/IEC 27001:
Sales, design, manufacturing, implementation and service of software and automation systems as well as sales of hardware. Realisation of outsourced programming and IT services.

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Our technologies and Expertise

Implementation services
- 600+ developers in TT PSC
- 2000+ developers in TT Group
- Full-stack implementations (list of technologies on next slide)

Internet of Things
- Rapid Development with Application Enablement Platform
- Edge connectivity
- Role-based HMI and UX
- Remote monitoring
- Service & exploitation support
- Connected Field Service

AR / MR / VR
- Marker & non-marker tracking
- Rapid application development
- Custom apps
- Unity 3D, Vuforia, DirectX, OpenGL
- Smartphones, tablets, smart-glassed, Hololens and other HMD
- Windows, Android, iOS
- Simultaneous localization and mapping

Data science for industry
- Optimisations (including MIMO)
- Forecasting
- Predictive Maintenance
- Deep Learning
- Artificial Immune Systems
- Self-learning solutions

Product Lifecycle Management
- Customisations
- Personalisation
- Integrations
- Migrations
- Trainings
- PLM, ALM, WPA, SLM,
- Windchill, Integrity, WBM, Tibco

Industrial connectivity
- SCADA / DCS / PLC / OPC
- Data acquisition, replication, management
- Cybersecurity
- High performance operators graphics
- Remote asset monitoring

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Our cloud services

Cloud workshop

- Migration to Azure
- PLM in the cloud
- Power Apps Intro Day
- On demand

Cloud strategy

- Cloud migration plan development
- Selection of appropriate resources and tools
- Adaptation to business strategy

Cloud migration

- Adaptation of infrastructure to the system's requirements
- Adaptation of the application to fully use the cloud's capabilities
- Work compliant with the DevOps methodology

Cloud security

- Infrastructure security
- Network Security
- Accces & Identity Management

Disaster Recovery

- Analysis
- Infrastructure architecture
- Automated Backups
- Easily recoverable in selected geopgraphic region

Serverless Cloud native

- Containers
- Serverless
- Building and running applications that exploits the advantages of the cloud computing

Cloud managed services

- Governance
- Cost optimization
- Monitoring and 24/7 support

Devops and automation

- CI/CD
- Version control
- Configuration Management
- Infrastructure as a Code

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Our technologies and Expertise

Front-End

- CSS3
- HTML5
- Bootstrap
- JavaScript
- Angular
- React
- Vue.js
- npm

Cloud & DevOps

- Azure
- Jenkins/Bamboo
- Docker/Kubernetes
- Disaster Recovery and Backup
- Data dog Monitoring
- Cloud Native and Serverless

Back-End

- Java, Spring, Hibernate
- .NET
- C++
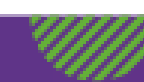- Node.js
- SQL/noSOL (MongoDB)
- Oracle Database

- Automation testing
- Manual testing
- Security testing
- Mobile testing

- UX/UI
- Internet of Things (IoT)
- Augmented reality (AR)
- MobileApps
- SAP Software Solutions
- Security
- Salesforce
- Data science

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Our Clients

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Available models of engagement and payments

Cooperation model	Suggested pricing models	Suggested duration	Summary
Fixed Price	Fixed Price: Agreed constant price with installments	Depends on project size	We estimate the amount of work to be done. You will know the budget and get a strict deadline. The scope and price are frozen, and there is a formal process of changing the scope, deadline or price.
Staff Augmentation	Time and Materials: Hourly or monthly rates per specialist	Short term	Individual specialists are provided to your team and work under your supervision. You can change the scope on the fly.
Dedicated Team Leasing	• Monthly rates per specialist • Quarterly rates with utilization levels	Long term (at least quarter ahead)	You will manage the backlog & organises the work. We will handle the team & people.
Managed R&D Service	Monthly rate per service depending on capacity	Long term (at least a quarter ahead)	We maintain and ensure continuous operations (according to a Service Level Agreement & Key Performance Indicators): • Software Product or its module • Group of Software Products or • Service offered by your R&D department.
Joined R&D	• Fixed price or monthly rates with shared profits • Monthly rate per service depending on capacity • Quarterly rates with utilisation levels	Depends on project size	We run shared R&D teams and joined new product development • Shared and secured IP • Rapid prototyping • Close cooperation with R&D, technology guidance, software development.

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