



**IT ASOCIÁCIA  
SLOVENSKA**

# **IT Association of Slovakia & IT sector in Slovakia Joint Study programmes**

**Mario Lelovsky**

First Vice president

IT Association of Slovakia





## THRIVING TATRA TIGER



## EURO € STABILITY & PREDICTABILITY



## STRONG EXPORT 4TH PLACE IN EUROPE



## STEADY GROWTH ONE OF THE FASTEST IN THE REGION



## BALANCED FINANCE ONE OF THE BEST CREDIT RATINGS





**EURO CURRENCY**  
AS ONE OF A FEW IN CEE

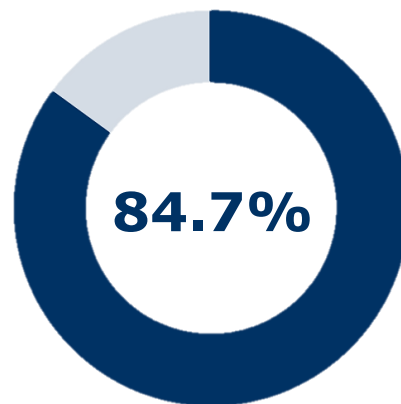


# EUROZONE MEMBER SINCE 2009

- **Impact on business:**
  - Limitation of Foreign Exchange Risk
  - Lowering Transaction Costs
  - Growth in Foreign Trade
  - Increased Economic & Financial Stability
- **Favorable conditions for long-term business decisions**



## STRONG EXPORT ONE OF THE MOST OPEN ECONOMIES



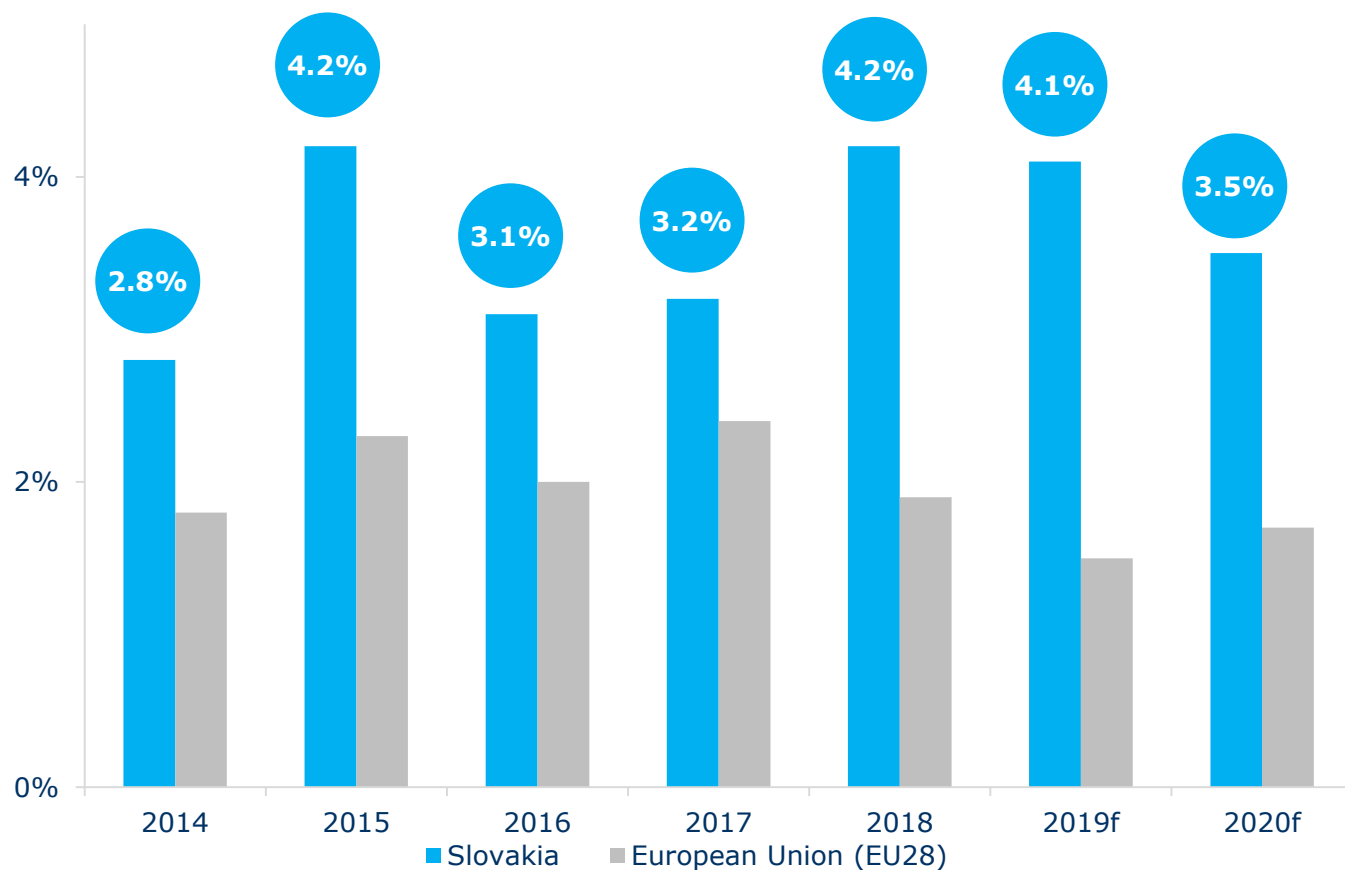
### EXPORT OF GOODS TO GDP RATIO 1<sup>st</sup> place in Europe

**4<sup>th</sup>** in Europe in the export  
of goods & services to  
GDP: 96.3% (2017)

**12<sup>th</sup>** Out of 75 countries in the  
**OPEN MARKETS INDEX**  
(2017) by the International  
Chamber of Commerce

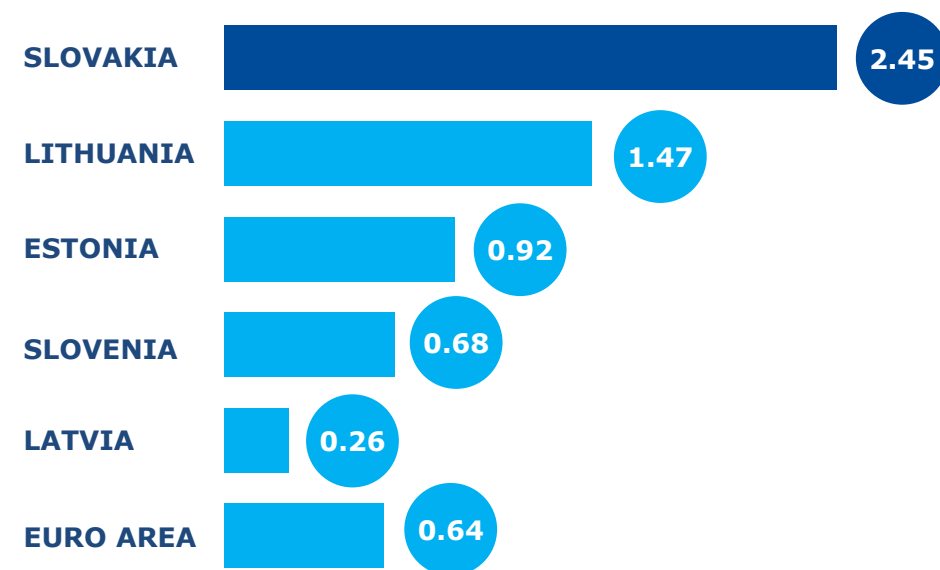


## BASIC MACROECONOMIC DATA SOUND ECONOMIC STABILITY



Source: GDP: European Commission, European Economic Forecast Winter 2019;

### FASTEST AVERAGE ANNUAL GROWTH IN % among CEE EUROZONE countries (2008-2017)



### HEALTHY & SUSTAINABLE GROWTH

One of the lowest indebtedness in EUROZONE

# About ITAS

- **IT Association of Slovakia (ITAS)** is the largest association uniting all important Slovak and international IT/ICT companies in Slovakia
- Founded in 1999
- Today it represents more than 100 members (80% of ICT market) from private IT/ICT sector
- Business covered by members: Software development, IT services incl. outsourcing, banking IT services, HW/SW distribution, Telecommunication, Education, Research and Development
- Companies represented by ITAS employ 35 000 people
- ITAS represents Slovakia in [DigitalEurope](#)



Tempest  
IT makes sense

OCXON  
minit

VSL SOFTWARE  
Arthur D Little

UBER

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Brain:IT

SOFTEC

ORACLE  
piqi

mib:con

WES Tech  
SLOVAKIA  
A member of the ELKO

YMS

ELC

LL CONSULTING

ASIT  
Asociácia spoločností IT priemyslu

LYNX

IT v kurze

SWS

T-Systems

ABC DATA

ALITER TECHNOLOGIES

MC.EDU

ensentia

COMPAREX

itera  
MAKE A DIFFERENCE

ORiWiN  
IT RECONSTRUCTION

SOITRON  
INSPIRUJEME K NÁROČNOSTI

ANECT

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www.nay.sk

mim

MEDIA CONTROL

LISON

ANASOFT

Microsoft

košice  
IT VALLEY  
association

orange

SWAN



SONY

ESS

ASBIS  
Distribution For Your Success

ANEXT  
Simplicity Competence Experience

AITEN

Atos

BiZdesign

sféra  
Grafické informačné systémy

SOFTIP 25  
ROKOV

mTrust

MICROCOMP

ASSECO  
CENTRAL EUROPE

ASSECO  
SOLUTIONS

AUTOCONT

ELCOM

irid

SimpleCell  
Connecting Things

Blockchain  
Slovakia

Hewlett Packard  
Enterprise

Google

ICZ

ERICSSON

elfa  
nové myšlienky nové možnosti

QBSW  
QUALITY BUSINESS SOFTWARE

INTERWAY

PosAm  
USEFUL TECHNOLOGIES

hp

GlobalTel  
DanubiaTel Group

eGroup  
Solutions

CGI  
Online is now part of CGI

Canor

IBM

nextIT

CISCO

Janus  
DATA PRODUCTS

O2

TechData

DXC.technology

AXON PRO

DATASOFT  
CONSULTING S.R.O.

digmia

ESSENTIAL DATA

KPMG

Lama

dns  
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dimension data

DELL

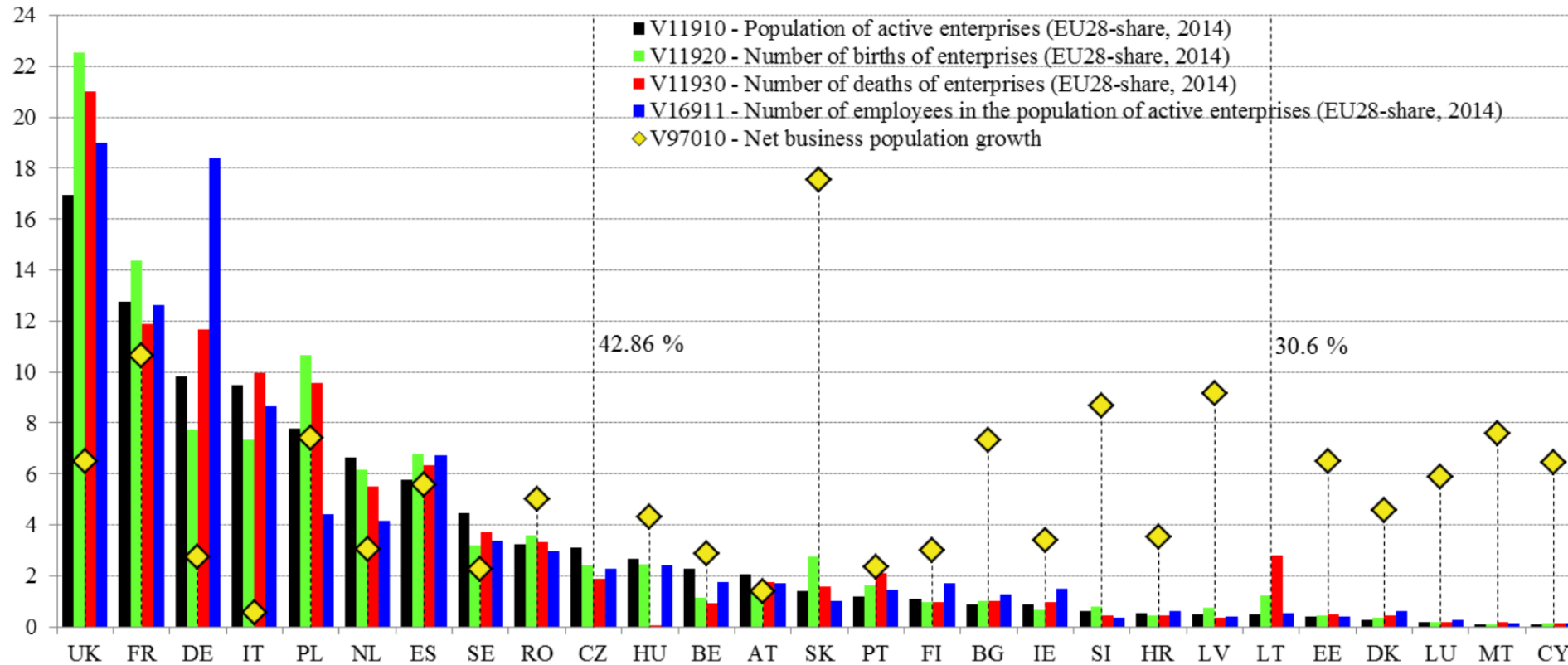
DITEC

SAP

s&t

DATALAN SEVITECH SAMSUNG

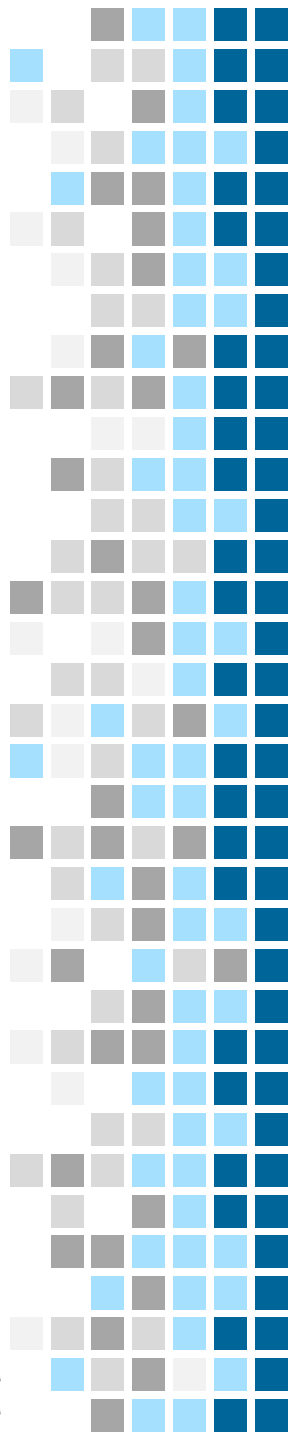
# Member States by their shares (%) of the EU's active ICT enterprises in 2014 (by Eurostat)



- In 2014, Slovakia had 3<sup>rd</sup> highest Net business growth of ICT enterprises in EU

# Digital environment and ICT jobs in Slovakia

- There are about 55 000 ICT experts in Slovakia and currently there is a lack of 10 000 them.
- We expect another 5 000 new open positions till 2020 in ICT jobs out of which probably 15 - 20 000 positions stay vacant as the processes of digital transformation will speed up.
- Average salary of IT specialist is 2000EUR, programmers > 2500, senior experts 3500+
- IT specialists are required in ICT and banking sectors mostly



## Digital Skills and Jobs Coalition initiative EU

- **The Coalition tackles the need for digital skills of four broad groups:**
- **Digital skills for all – developing digital skills to enable all citizens to be active in our digital society**
- **Digital skills for the labour force – developing digital skills for the digital economy, e.g. upskilling and reskilling workers, jobseekers; actions on career advice and guidance**
- **Digital skills for ICT professionals – developing high level digital skills for ICT professionals in all industry sectors**
- **Digital skills in education – transforming teaching and learning of digital skills in a lifelong learning perspective, including the training of teacher**

# National Coalition for digital skills & jobs



Digital Skills and  
Jobs Coalition



■ COUNTRIES WITH A NATIONAL COALITION

# Slovak National Digital Coalition



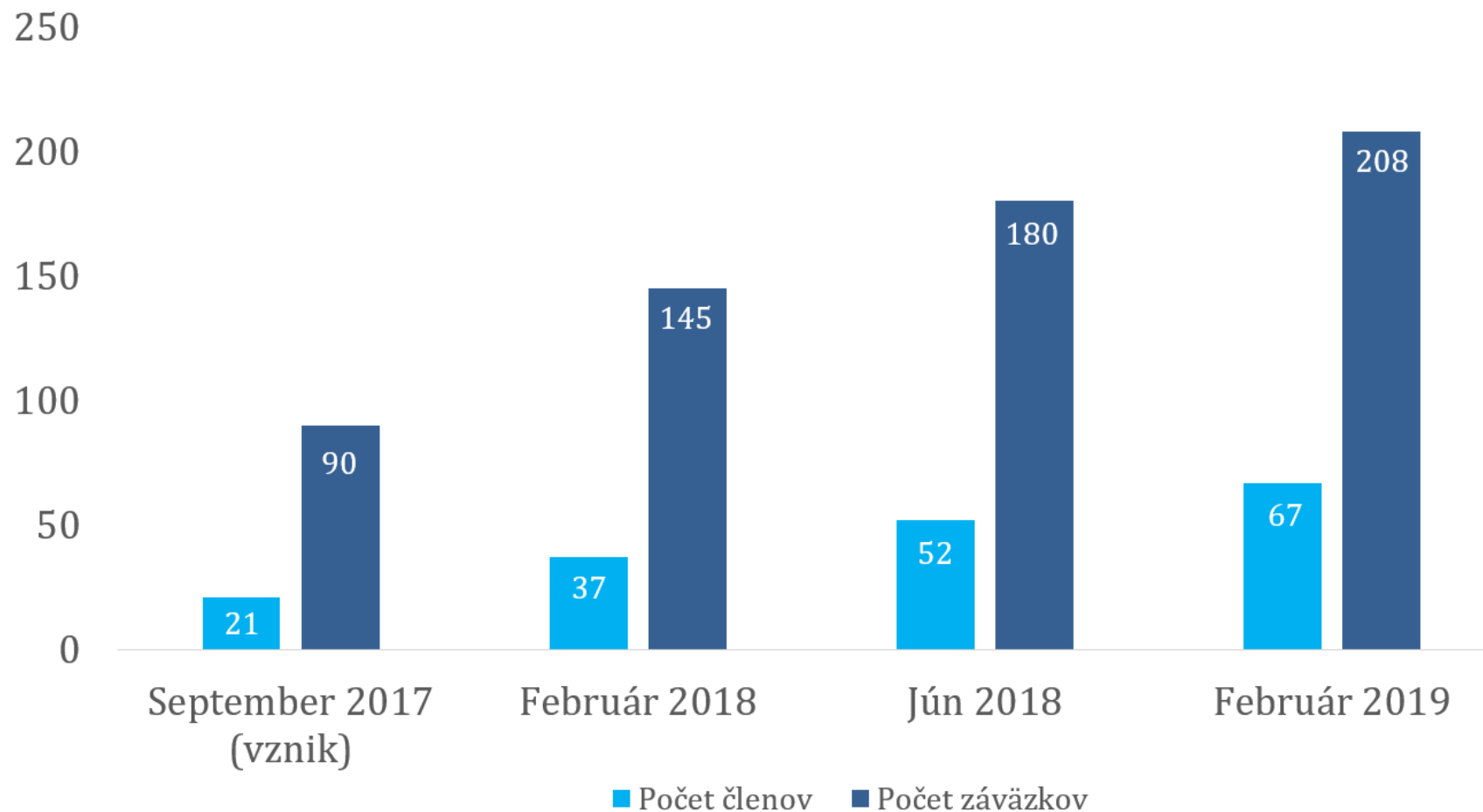
- ITAS initiated and coordinates Slovak Coalition for Digital Skills and Jobs together with Office of Vice Prime minister for Investment and Digitisation with the support of Prime Minister of Slovakia, Founded in sept. 2017
- There were 21 founding members including state ministries, academia institutions, state agencies, IT and Telco companies, municipalities, employer's and trade union's associations,.... presenting 90 pledges



# Status of the Digital Coalition 14.3.2019



## Ako rástla Digitálna koalícia?





Digital Skills and Jobs Coalition



# „Business Analytics and Information Systems in Entrepreneurship“



**Double Degree Master Study Program  
at VŠEMvs and EUSK  
for Ukrainian IT students  
with employment contract guarantee in Slovakia**





**Visit of the university  
in Kharkiv in 2018**

# First students of the Common study programme invited by the Prime Minister Pellegrini



Digital Skills and  
Jobs Coalition



## Partners of the Joint Study programme

- Partners of the project are precisely selected among members of the IT Association of Slovakia, American Chamber of Commerce and Slovak Banking Association
- Partners are the most valuable companies and corporates in Slovakia
- Selection of practices and jobs include programmers / software developers, data analysts, IT system specialists, SW architects and project managers
- Students will get to know to company during summer practice (June – August 10 weeks) and there will be a mentor and project manager dedicated at each of the company for the students and the project
- Students will be included into existing project teams of companies
- Actual Job offers of partners are available on <http://www.amcham.sk/work-in-slovakia-good-idea>

# Partners of the project

- AT&T

- DELL

- IBM

- Slovenská sporiteľňa

- Tatrabanka

- Prvá stavebná sporiteľňa

- Asseco Solutions

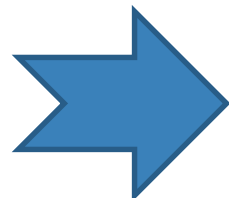
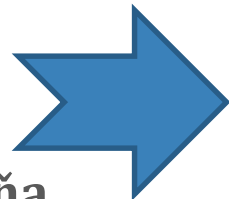
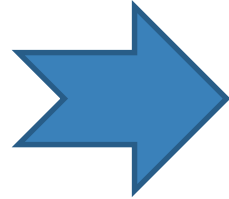
- Atos

- QBSW

- LL Consulting

- Soitron

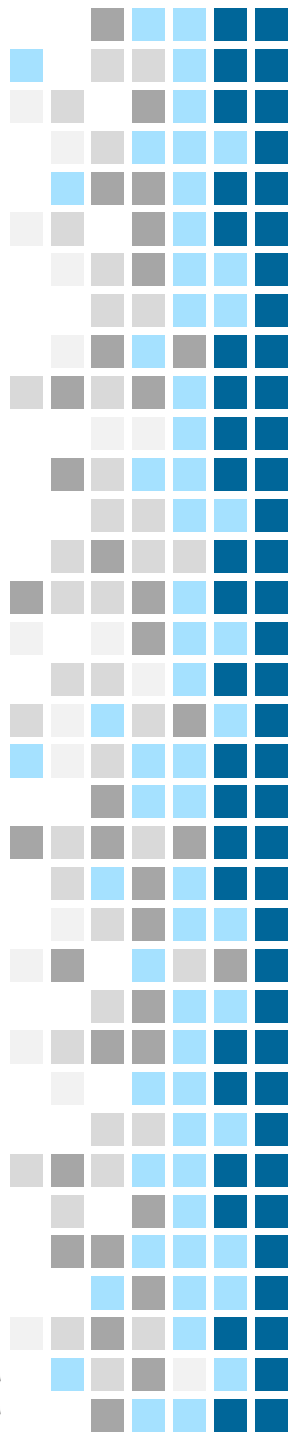
- T-Systems



- International corporations, large size, SW development, outsourcing of services, shared services centres

- Most prominent representatives of financial and banking sector in Slovakia, members of international banking chains

- Successful IT and software development Slovak companies with international business interactions



# AT&T



AT&T is one of the largest telecommunications companies in the world. It is a leader in providing services to large business customers, including multinational companies in six continents.

We help them increase productivity and look for new business opportunities. We enable multinationals to manage emerging trends: mobility, cloud use and global expansion.

AT&T is a global company that began operations in Slovakia in 1999 to support international customers in Europe, the Middle East and Africa.

In Slovakia, we opened four centers - three in Bratislava and one in Košice.

Activity Area: Shared Service Centers, ICT services

Working time on the Slovak market: more than 10 years

Number of people employed by the company in Slovakia: > 4000 employees

# DELL



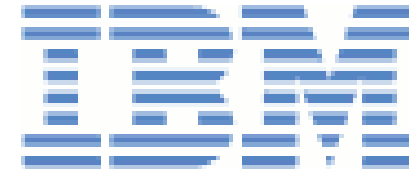
Dell has been operating in Slovakia for 15 years as a global business center providing a wide range of global IT, finance, marketing, sales, technical support and enterprise operations support globally. In finance, Dell Bratislava is one of the company's largest financial centers in the world.

Activity Area: Shared Service Centers, ICT services

Working time on the Slovak market: more than 10 years

Number of people employed by the company in Slovakia: > 2000 employees

# IBM



IBM is one of the largest IT companies in the world and has been serving clients for more than 100 years under the name International Business Machines.

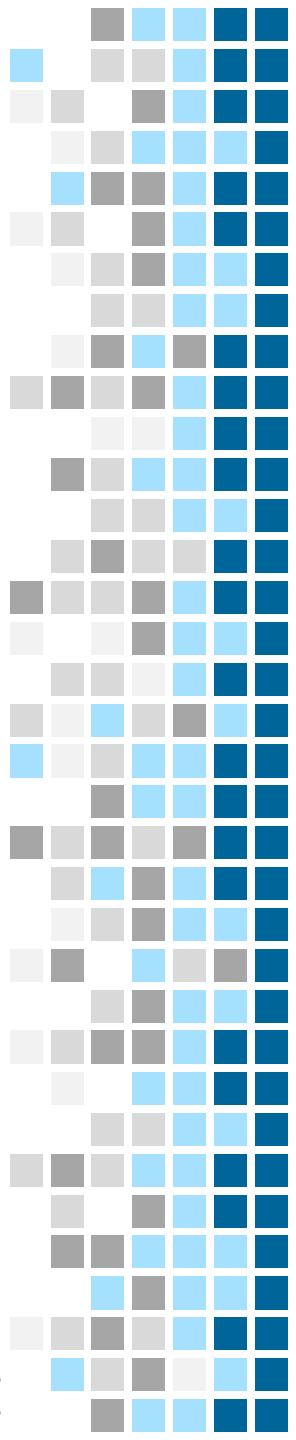
It operates worldwide in over 160 countries worldwide.

IBM's mission is to use integrated, flexible, and efficient solutions to help its customers reduce their costs and increase their market competitiveness.

Activity Area: Shared Service Centers, ICT services

Working time on the Slovak market: over 25 years

The number of people employed by the company in Slovakia: > 5,000 employees



# Slovenská sporiteľňa



We are the bank with the longest tradition of savings in Slovakia.

Our roots date back to the 19th century.

We strive to create a working environment in which people believe and we believe them. In addition to the benefits, we invest in the support of corporate culture and modern offices.

The result of our endeavor is the title of the The Best employer three times in a row and a number of stories of our colleagues who, thanks to our trust and support, being able to support our clients

Field of activity: Banking, Finance, IT and Insurance

Working time on the Slovak market: over 25 years

Number of people employed by the company in Slovakia: > 4000 employees

# Tatra Banka



First time ever: according to the renowned magazine, Global Finance, as a bank we have the best online products offerings in the whole world and Face Biometry contributed to this to a large extent.

Global Finance awarded Tatra banka the award of The World's Best Digital Bank 2018 in the category of The World's Best Online Deposit, Credit and Investment Product Offerings. The jury mainly acknowledged our innovative approach in online granting loans and accounts to the new clients and broad range of online products and services for the existing clients of the bank.

Field of activity: Banking, Finance, IT and Insurance

Working time on the Slovak market: over 25 years

Number of people employed by the company in Slovakia: > 3000 employees

# ASSECO SOLUTIONS



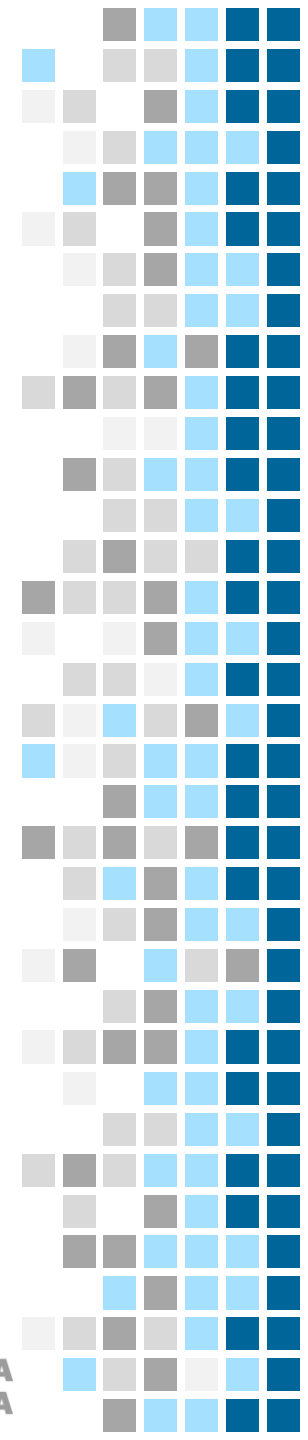
Asseco Solutions, a. s. is part of the multinational group Asseco Solutions, one of the most important producers of information systems on the European market. The product portfolio includes the development and implementation of information systems for organizations of all sizes in their various fields of operation, such as manufacturing, trade or services, public administration, accommodation and catering facilities.

All products are complemented by a wide range of services and partner programs.

Field of activity: IT and telecommunications

Working time on the Slovak market: over 25 years

Number of people employed by the company in Slovakia: 51-250 employees



# ATOS



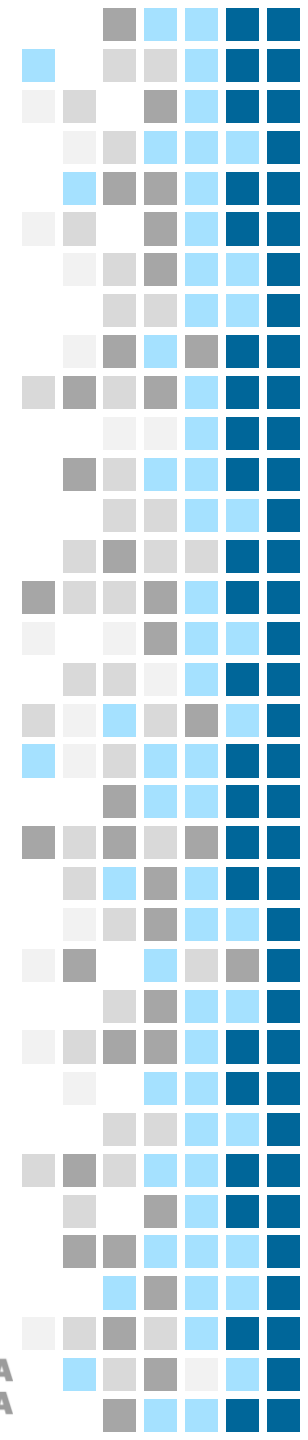
With around 100,000 employees in 73 countries and an annual turnover of EUR 12 billion, Atos is a global leader in digital transformation. Atos believes that bringing people, business and technology together is the right step forward and will remain a trusted partner that empowers its clients with digital empowerment.

Atos is a European unit in Big Data, Cyber Security, Digital Workplace. It provides cloud services, infrastructure and data services as well as transaction services through the Worldline.

Area of activity: IT and telecommunications

Working time on the Slovak market: 8 years

Number of people employed by the company in Slovakia: 320 employees



# QBSW



We are a software house - QBSW, a.s.

The name of our company comes from the English "Quality Business SoftWare", which symbolizes our focus.

We are engaged in the development of IT applications according to the requirements of our customers.

We deliver comprehensive solutions in the area of analysis, design, creation and integration of information systems.

We focus on developing customized software solutions, supplying information systems for public and corporate finance management, developing mobile and internet applications and IT consulting & outsourcing.

Field of activity: IT and telecommunications

Working time on the Slovak market: more than 10 years

Number of people employed by the company in Slovakia: >100 employees

# SOITRON

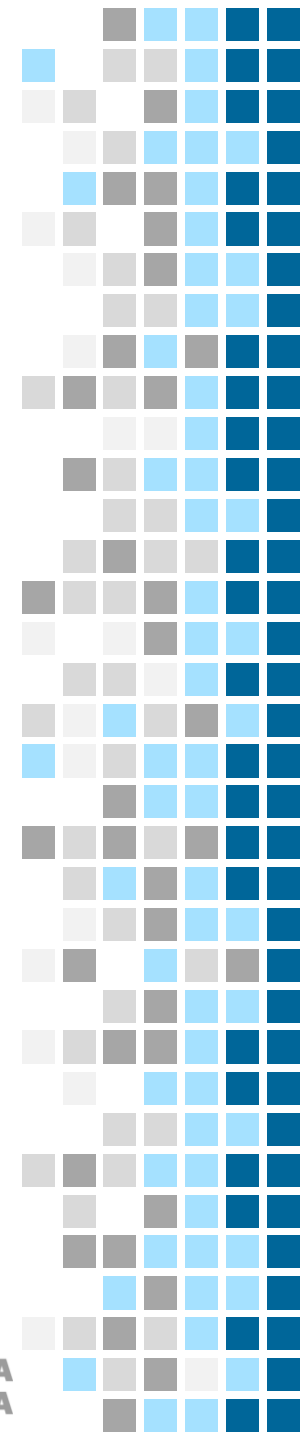
SOITRON\*

Our story began 27 years ago when four young IT technology enthusiasts decided to start Tronet. Back then, however, they felt that, thanks to their competence, insight and creativity, along with their clients' ability to understand their business, they could innovate and advance their IT projects. In 2005, becoming the leader in Slovakia not only as a system integrator, but also as an IT outsourcing service provider. With offices in seven countries, including the Czech Republic, Poland, Bulgaria, Romania, Turkey and the UK, Soitron is today the leader in introducing new technologies and innovative solutions in infrastructure, Unified Communications, contact centers, security, network services, applications, IT services and IT Outsourcing.

Field of activity: IT and telecommunications

Working time on the Slovak market: more than 20 years

The number of people the company employs : >400 employees



# T-Systems



T-Systems Slovakia was established in Slovakia in 2006 to provide information

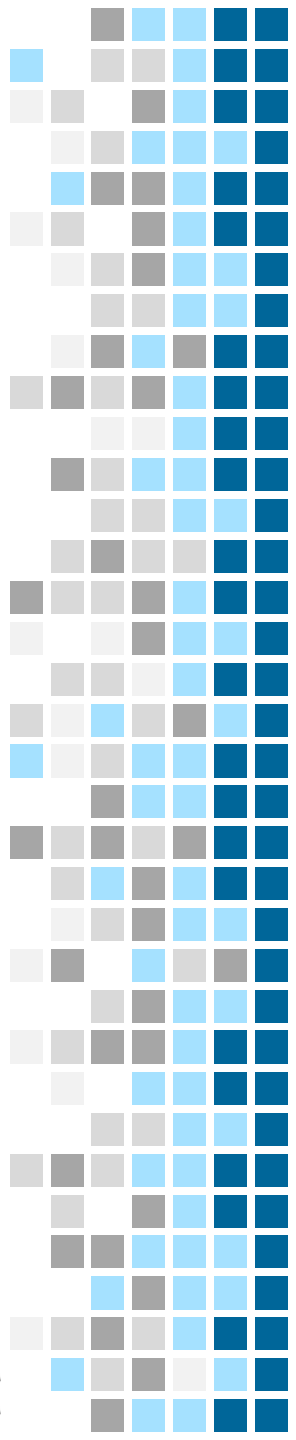
and communication (ICT) outsourcing services to global corporate clients of Deutsche Telekom AG.

The company has been operating exclusively in Košice since its inception. It was established as a subsidiary of T-Systems International GmbH, which is headquartered in Germany and belongs to the global group Deutsche Telekom AG.

Field of activity: IT and telecommunications

Working time on the Slovak market: more than 10 years

Number of people employed by the company in Slovakia: > 4000 employees



# Job offers



## AUTOMATION TESTER



### POSITION DESCRIPTION

Accenture Advanced Technology center is looking for technology enthusiasts ready for a challenging IT career and focus on application development, systems administration work, and software maintenance providing practical programming and technology implementation for business.

You could have the opportunity to help clients develop applications with a cloud-first, digital-first mindset, generate the next wave of innovative technology in our state-of-the-art Accenture Labs, and provide end-to-end service and project delivery across all our Accenture Delivery Center engagements using rapid development principles such as Agile and DevOps to make software faster, flexible and more liquid.



### WHAT WILL YOU DO?

Are you a specialist at automation testing? Can you design, implement and maintain automated test scripts for all levels and types of testing?

- You will need to work with business analysts, clients and developers to understand their needs
- You'll also create and execute automated test suits for different code types and the different test types
- You'll ensure and monitor the quality standards in related test environments and production systems as well



### WHAT WE EXPECT?

- 1-8 years of experience in implementing automation using Robot or any open source automation framework
- Experience with agile methodologies
- Experience in programming (Python/Java etc.); JavaScript test scripting
- High level of written and spoken English German
- Nice to have:
  - ISTQB Certification
  - Knowledge of methodology and CMMI standards
  - Knowledge of operating systems (Windows or Linux)



### WHAT WE OFFER?

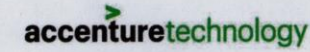
- Recognition:**
  - Guaranteed Paid overtime or overtime vacation
  - German language bonus up to 200€ monthly/gross depending on language proficiency and level of seniority
  - Cafeteria – Budget for benefits based on your choice
  - Transparent bonus structure
  - Refer-a-Friend – get a bonus in the employee referral program
  - Loyalty presents
- Family & Health:**
  - Multisport card which grants an access to hundreds of different
  - gyms, studios and swimming pools
  - Three Extra Days off (including Sick days)
  - Sick leave compensation
  - Family oriented benefits (Wedding and New baby bonus, Inhouse day care)
- Salary:**

Accenture offers a competitive compensation package. As required by the Slovak law we state, that the legal monthly minimum gross base pay starting from 1 200€ to 3 000€ depending on your professional and personal qualifications in the required areas.
- Flexibility:**
  - Flexible working arrangements (Flex-work, Home Office)
  - Option to participate on projects abroad
- Future:**
  - Wide range of leading-edge trainings (including various language course)
  - Teambuilding activities
  - Regular performance management and evaluation process
  - Ongoing career guidance and mentoring



### INTERESTED?

Please send us your CV to [joinus.sk@accenture.com](mailto:joinus.sk@accenture.com)



## SAP ABAP DEVELOPER



### POSITION DESCRIPTION

Accenture Advanced Technology center is looking for technology enthusiasts ready for a challenging IT career and focus on application development, systems administration work, and software maintenance providing practical programming and technology implementation for business.

You could have the opportunity to help clients develop applications with a cloud-first, digital-first mindset, generate the next wave of innovative technology in our state-of-the-art Accenture Labs, and provide end-to-end service and project delivery across all our Accenture Delivery Center engagements using rapid development principles such as Agile and DevOps to make software faster, flexible and more liquid.



### WHAT WILL YOU DO?

- Complex ABAP programming, testing and debugging functions related to the implementation of SAP modules
- Understand the requirements from provided functional designs and transform these requirements into the technical designs
- Close communication with functional teams /designers and build professional relationships with clients



### WHAT WE EXPECT?

- 1-8 years of work experience with SAP ABAP design and development
- Understanding of SAP ABAP development concepts, guidelines and SAP architecture
- Deep knowledge of ERP systems in any kind of industry
- Willing to travel and stay on-site if necessary



### WHAT WE OFFER?

- Recognition:**
  - Guaranteed Paid overtime or overtime vacation
  - German language bonus up to 400€ monthly/gross depending on language proficiency and level of seniority
  - Cafeteria – Budget for benefits based on your choice
  - Transparent bonus structure
  - Refer-a-Friend – get a bonus in the employee referral program
  - Loyalty presents
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# Job offers



explore the  
possibilities



## Software Developer (ref# 153336)

**LOCATION:** Bratislava, Slovakia  
**CONTACT:** Veronika Riedlova - veronika.riedlova@intl.att.com

**Contract:** Unlimited  
**Working hours:** EMEA working hours  
**Salary** from 1700 € brutto per month. Actual salary is likely to be higher based on skills, knowledge and experience.

**Roles and Responsibilities:**  
Software development and architecture within our Event Management team.  
Development of integration and automation components.  
Development of custom in-house developed applications.  
Support for Monitoring applications and integration components.  
Deployment and support of monitoring applications.  
Incident, Change and Problem management processes and activities.  
Customer presentations

### Key Competencies and Skills:

Required Skills:

- 1) Software development (PHP, Perl, Python, HTML, Java)
- 2) Software architecture concepts
- 3) LINUX
- 4) Database technologies (Oracle, MySQL, NoSQL)
- 5) Software repositories and source control (github, svn etc.)
- 6) Knowledge of Event Management applications such as: Micro Focus Network Node Manager (NNMi Event), Micro Focus NNMi Operations Manager, Service NOW
- 7) English - oral, written - fluent

### Education and Qualifications:

2-3+ years' experience of Software development/architecture experience  
Computer science degree

Interested? Look for job and apply at [att.jobs](#)



explore the  
possibilities



## Backend Developer (ref# 153284)

**LOCATION:** Bratislava or Kosice, Slovakia  
**CONTACT:** Katarina Rakova - katarina.rakova@intl.att.com

**Contract:** Unlimited  
**Working hours:** EMEA working hours  
**Salary** from 2120 € brutto per month. Actual salary is likely to be higher based on skills, knowledge and experience.

The incumbent will work as part of an agile team to develop and maintain web applications and scripting and to document and design unit tests. May be required to collaborate with other teams within the organization to deliver product documentation.

### Roles and Responsibilities:

The incumbent will take place in a new delivery team as the Back-End/DevOps specialist, participating in the team efforts with a focus on CD/CI and process optimization. While development of new solutions will be the focus, daily tasks will include both the delivery of new functionality and the maintenance of existing applications.

### Key Competencies and Skills:

Priority will be given to candidates with an active portfolio of projects. Preferred Bachelor of Science degree in Computer Engineering, Computer Science, Software Engineering, or equivalent; Developer or Data Analytics nanodegree.

### Education and Qualifications:

Required functional skills:

- Fluent in English language
- Ability to write product documentation
- Knowledge of at least one Back-End programming language (Java, Python)
- Expert in CD/CI technologies (Docker, Kubernetes, Jenkins)
- Knowledge of REST API principles and implementation
- Working knowledge of version control systems (preferred Git)

Preferred functional skills:

- Knowledge of at least one testing framework associated with main technology of competence
- Knowledge of Agile development methodologies
- Involvement in Open-source projects

Interested? Look for job and apply at [att.jobs](#)



**Thank you for your attention**

**Questions?**

**Mário Lelovský**

**E:** lelovsky@itas.sk, **W:** [www.itas.sk](http://www.itas.sk)

IT Asociácia Slovenska

