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# 1/GENERALINTRODUCTION



# A/OUR MISSION

We are a **Research & Development** company, focused on development of software products and research of network technologies



## B/WHO WE ARE

















Nearly 30mil USD annual group revenue

2001 Established in Bratislava, Slovakia

> 2009 First Silicon Valley contract signed

2011 First US office opens in Delaware

> 2012 Second US office opens

2013 R&D center in Bansk**á** Bystrica

> 2015 R&D Center in Žilina



group employees

Up to 250



## C/WHAT WE DO

We provide products and services to the world's leading companies in networking

- Software Prototyping
- Research & Development
- Custom software development
- Product development
- Project management
- Providing SDN/NFV expertise
- Trainings



Architecture - Consulting - Implementation - Deployment - Testing / Automation - Support - Integration - Migration





# 2/OUREXPERTISE



#### A/DEVELOPMENT

- Java, Python, C/C++, Javascript, GoLang
- Assembler, Scala, Groovy, Kotlin, Perl, Robot Framework, Shell, PL/SQL,
   HTML, PHP, CSS, XML & more
- Virtualization (OpenStack) and containerization (Kubernetes, Docker)
- Linux, Unix, Oracle, Solaris, Windows, Android, iOS & more



#### B/AUTOMATION&TESTING

- CSIT/CICD Continuous Integration, Continuous Delivery
- Automation is one of our missions & core concepts
- No test is a test, until it is fully automated
- Solid Integration Testing framework with automation in mind
- Puppet, Chef, Ansible experience
- Working on OPNFV project Fast Data Stack
- <u>Reference</u>: Collaboration on OPNFV project Fast Data Stack
  - Automated tests that validate integration of OpenStack with ODL
    - Neutron north-bound with **FD.io's** Honeycomb and VPP



## C/SDN EXPERIENCE

- SDN/NFV architecture, design and development
- Clustering/High Availability/Disaster Recovery
- Strong presence in ODL projects one of the top contributors to OpenDaylight
- Active experience with implementation of management plane, control plane and data plane
- Protocols implementations/extension
  - OpenFlow, BGP, PCEP, NETCONF, RESTCONF, SXP etc.
  - ALTO, IPSEC, SNMP, RSVP-TE, BFD, ICMP, IPSEC, NSH, LISP etc.
- POS terminals, ATM network experience



## D/DATA BACK ENDS

- Working daily with:
  - Oracle, MySQL, MariaDB and PostgreSQL
  - OpenTSDB, Hadoop
  - Elasticsearch
- Deployments with:
  - NOSQL back ends such as Cassandra
  - Document stores on MongoDB, RethinkDB
  - and key-value as etcd



## E/PROFESSIONAL SERVICES

- We offer consulting, open-source support, software development
- Managed Services, Managed Projects
- Timely, professional and high quality
- ISO 9001
- ISO 27001



# SOCIAL NETWORKS







www.pantheon.tech
www.pantheon.tech/contact



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