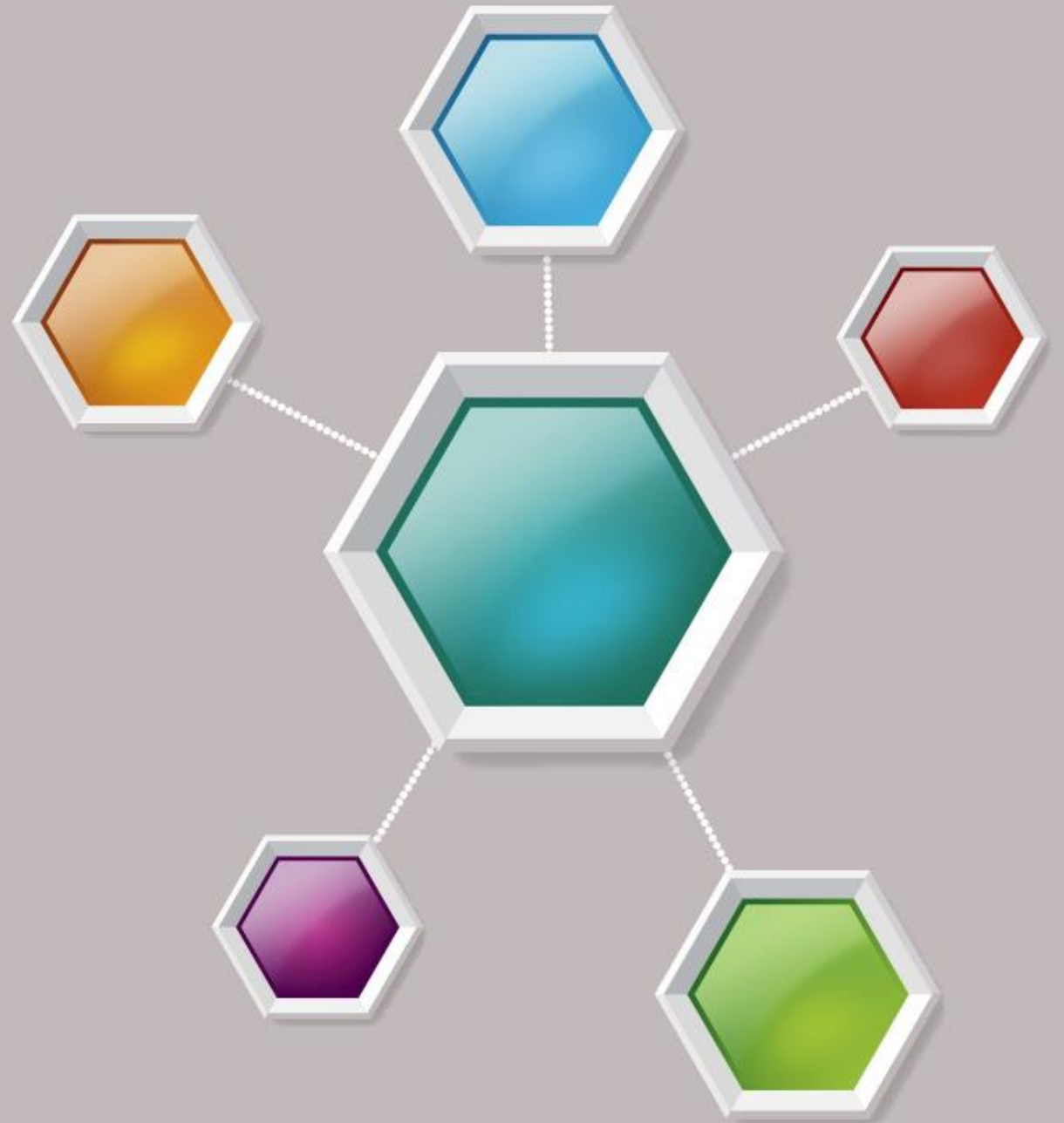# myth Devops

SMART FACTORY

ENVIRONMENTAL SUSTAINABILITY

INDUSTRIAL RESILIENCE

ABOUT US

- Myth Devops is a group of highly skilled and certified engineers working in the fields of Electronics, Computer programming, Embedded Systems, IT Consulting, Environmental Sustainability, Management, Networks and Support. Our projects are high-end solutions characterized by efficiency, innovation, optimization and organization.

- Along years we have gained a qualitative experience in our fields of expertise, thus we became a significant partner to many professionals and institutions.

- Our mission is to provide solutions which bring a high value to our partners' businesses, as well as to provide education in fast growing IT areas to professionals and to beginners alike.

OUR BUSINESS AREAS

- Smart Factory
- Environmental Sustainability
- Industrial Resilience

OUR BASE

- More than 25 years of experience in software and hardware development

- Learning about industry processes from the first row

- Communication skills tailored in a years of technical support and customer feedback involvement

OUR HISTORY

- Network engineering and security
  - VPN, Routing, Firewall, Network Administration, ISP Failover, Certificate Management
- Integrations: software to hardware, hardware to hardware, hardware to software, software to software
- PA DSS Certified Device Drivers, Cash Deposit Machines, Note and Coin Counters drivers, POS Printer Drivers
- Compiler development
  - Language parser, Machine Intermediate Language, Optimization, Linker, Assembly translation
- Microprocessor programming
  - Flash memory management, PC Stack management, Core Interrupts, Direct Memory Access
- Middleware development
  - API, DLL, PHP, REST, Node-Red
- Support: User forums, Internal ticketing system, Tutoring
- Cloud: CI/CD, Virtualization, Network and Security
  - Azure and OCI

OUR REFERENCES

OUR PROJECTS

- Hi-End audiophile preamplifier with touch screen and remote controller with auto calibration of nonlinear electronics components

- Cash Deposit machine for notes and coins, PA DSS certified, with touch screen, pinpad encryptor, EMV card reader and POS printer

- mikroPascal, mikroBasic, mikroC compilers for microcontrollers

- Electronic balance for bee hives, affordable solution for every beekeeper, with Bluetooth connectivity and data analysis backend, graphical data representation through a dynamic web page

- Azure Cloud solution for secure integration of remote cash management devices, featuring Windows Servers, Linux Ubuntu Servers, Load Balancers, Apache Proxy Servers, MSSQL and MongoDB Databases, MikroTik Routers, DNS management, SSL/TLS

- Entrance Control Gates drivers, for integration with POS payment terminals and Self-Checkout tills

- Secure Bag for Cash In Transit, with a secure radio frequency link in the range of 2.4GHz, featuring Frequency Hoping, Direct Sequence coding and resistance to jamming, automatic and manual alarm activation

- STM32 bootloader over CAN network with Windows application

- Home Alarm System, PIR sensors integration to Raspberry Pi, IP camera snapshots and continuous video recording, SMS and email alerts, battery backup

- Solar Inverter integration to Home Assistant, from RS232 raw data to visually pleasing graphical representation in a web browser

- Autonomous monitoring system based on Zabbix on Ubuntu

- Apiary monitoring system with weight balance, motion detection cameras, solar panels, watering system and power inverter integration
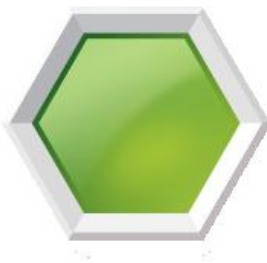
OUR SKILLS

- Networking
  - Route management
  - Firewall
  - DNS management and certificates
  - VPN management: L2TP/IPSec, OpenVPN
  - Forward and reverse proxy
- Devops
  - Azure Cloud
  - Oracle Cloud Infrastructure
  - CI/CD, Kubernetes, Docker
  - MSSQL, MongoDB
- Computer programming
  - C, C++, Pascal, Basic, JS
  - HTML, XML, CSS, JSON
  - PowerShell, Linux bash
  - RouterOS scripting
  - SQL
- Monitoring
  - Zabbix setup and scripting
  - SMS and e-mail alerting

OUR OFFER

- We offer our services in the following fields:

    - Network design

    - Network administration

    - Cloud services

    - Programming

    - Support services

    - IoT

    - System monitoring and alerts

    - Beekeeping practice

WE ARE

Myth Devops d.o.o.

Kneza Miloša 99A

11450 Sopot

Serbia

+381 64 12 5555 0

office@myth.rs

www.myth.rs