

# Customer case study: Creation of the information environment for government sector

Franjo Piškur, APIS IT d.o.o, Croatia  
Luka Matijević, Nimium d.o.o., Croatia  
Miodrag Prelec, Nimium d.o.o., Croatia

NPIS IT

nimium 

# About

NPIS IT

- Government company
  - Croatian public cloud provider
  - Responsible for development, maintenance and hosting IT systems of Croatia's tax administration, customs, ministries and other government agencies
  - 60 years of experience
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# About Nimium

info@nimium.hr

System engineers at Nimium and open source enthusiasts.

We as a team are working on design, implementation and maintenance of IT solutions based on open source technologies.

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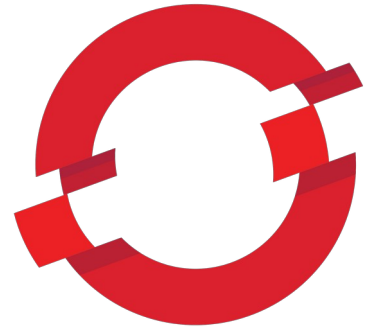
# APIS IT Projects

- Fiscalization, each invoice or receipt
- RPO - registry of Croatian taxpayers
- OIB - personal identification number
- IT system of Croatian Customs
- Administration
- Elections (Local, Parliament, President or Referendums)

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# Government journey to containers

- 2017. started containerizing new applications
  - Openshift 3.x platform
- 2019. started migrating and modernizing applications
- 2021. started middleware migration to containers
  - APIC, ACE, MQ, Eventstreams
- 2022. CP4I and CP4D in production
- 2024. more than 190 governance projects in production



**OPENSHIFT**

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# Modern applications and automation

- Containerized, scalable, secured, event driven
- Unified day 2 operations - monitor and backup
- Automation - GitOps and Ansible
  - Elections - automated release of elections results
- Modern application authentication and authorization
  - Tax administration and customs information systems - oAuth with Keycloak

# Automation, authentication and authorization

- automation using Red Hat Ansible Automation Platform
  - deep knowledge in automating various tasks
  - integration with existing systems
- authentication and authorization using Red Hat build of Keycloak
  - understanding of various authentication and authorization protocols
  - migration from other authentication and authorization providers
  - helping development teams to integrate their applications with Red Hat build of Keycloak



# What makes Nimium an excellent strategic partner

- 20+ years of experience in design, implementation and maintenance of IT solutions based on open source technologies
- Red Hat partner since 2003., first Croatian Premier Business Partner
- providing consultancy and expertise during the full life cycle of a project
- covering a broad range of skills in tech and IT
- highly motivated and enthusiastic team

