

Customer

Telekom Serbia (MTS) is a Serbian telecommunications company headquartered in Belgrade. The company offers a range of fixed-line, mobile, television and internet communications services in Serbia, Bosnia and Herzegovina, Montenegro, Kosovo and Austria.

4.5 million mobile telephony subscribers

45.9% broadband internet market share

Project background

In 2018, Telekom Serbia sought for a solution provider to replace their existing AAA solution and enhance the system to better serve the users of their fixed network, mobile network, and to allow for implementation of the VoWiFi service. The solution was to be deployed in a virtual environment using Network Function Virtualization (NFV) concept.

Within the existing AAA platform, Telekom Serbia had already established cooperation with several different vendors, so the new vendor was to replace the various different components of the system with a single platform. The project encompassed implementation of consolidated (virtual) AAA server that would introduce simplicity in terms of management, operation, and reducing cost of maintenance for each individual AAA server in the network that is implemented for specific use.

OpenProvider vAAA implementation

To meet the needs of Telekom Serbia, Logate offered its **OpenProvider vAAA VNF solution**. OpenProvider vAAA VNF is developed in accordance with standards and specifications defined by ETSI NFV Industry Specification Group (ISG) and it is aligned with all requirements currently set by ETSI NFV ISG, and will be further developed in a way to maintain compliance with upcoming standards defined by ETSI NFV ISG. OpenProvider vAAA was implemented in a way to have the following characteristics:



Delivery in the virtual environment based on network function virtualization (NFVI) concept



Converged vAAA (hybrid) for Fix, WiFi, Mobile and Hybrid



Implementation in a multivendor environment with Nokia, Huawei and Ericsson



Real-time control and management over subscriber network access



Easy service building supported by the low code scripting language, OpenFunction



Numerous options for handling charging and rating



Personalized experience through tiered-service bundles



High availability and scalability - fully redundant deployment with stateful processing across all nodes



Web-based administration interface used for both service configuration and monitoring.



Integration with OSS/BSS systems.



Team capabilities

Solution design | Project management | System integration |
Data migration | Training and education | 24x7 remote support



Testimonial

Logate efficiently deployed their OpenProvider solution within our infrastructure, supporting AAA operations for over 3 million users of our fixed and mobile services. Thanks to its scalability, we are able to constantly expand the system and serve even more users as we grow.

*Nemanja Ognjanović,
Manager of Core and Technology Strategy Department,
Telekom Srbija*



About us

15

years on the market

20^M

Millions of subscribers on our AAA platform

80⁺

80+ years of collective experience