AAA supporting Voice Over WiFi (VoWiFi)

Customer

Magenta Telekom (T-Mobile Austria GmbH) is a leading provider of Internet, mobile communications, entertainment and business solutions in Austria. The company is a part of Deutsche Telekom Group and it offers ultra-fast broadband via fiber optic cables and mobile communications, entertainment and the latest technologies for digital life.

5.7 million customers   **1.3 billion euros sales in 2020**

Challenge

After successful completion of the FMC project in 2017. in collaboration with Logate, Magenta Telekom started a new initiative to introduce the new VoWiFi (Voice over WiFi) service to their customers. Successful implementation of the AAA solution for the FMC project automatically qualified Logate team to work on the new VoWiFi project. The new service was intended to be fully integrated with the existing user experience, provide higher voice quality and enhance the experience itself. In order to complete the project and introduce the VoWiFi service, it was needed to upgrade the existing infrastructure with new functionalities and interfaces to support the VoWiFi concept.

Solution

Logate introduced VoWiFi functionality in Magenta Telekom onto the existing OpenProvider platform. The solution encompassed integration with EPC. Implementation included integration with the following elements using 3GPP-defined interfaces:

✔ Diameter SWx between 3GPP AAA and HSS

✔ Diameter SWm between ePDG and 3GPP AAA

✔ Diameter S6b between P-GW and 3GPP AAA

Within the project timeline, Logate team was able to conduct an upgrade of existing OpenProvider AAA platform, testing and migration to production.

Team capabilities

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

Collaboration benefits and results

The scalable OpenProvider AAA solution that was previously implemented by Logate for Magenta Telecom's FMC project enabled an easy upgrade and expansion to new services. As a result, Magenta Telekom benefited from:
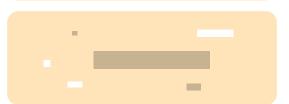
✅ Upgraded OpenProvider AAA platform to support new interfaces and functionalities needed to introduce the Voice over WiFi (VoWiFi) service.

✅ Continued and well established cooperation with a remote team of engineers

✅ Long-term and stable cooperation on maintenance and improvements of the AAA platform

Testimonial

The flexibility and agility Logate has shown us during VoWifi project implementation have always been above our expectations. OpenProvider is a great product that will contribute to the successful completion of VoWifi project.

Thomas Hebenstreit,
Project Manager, Magenta Telekom, Austria

About us

15
years on the market

20ᴹ
Millions of subscribers on our AAA platform

80+
80+ years of collective experience

Contact: Evropska 2, Dahna, Poslovni centar Knjaz, 81000 Podgorica, Montenegro
Tel: +382 77 272 272, Web: openprovider.logate.com, Email: sales@logate.com