

PRESS RELEASE

Telefónica Germany accelerates voice core network transformation with Italtel's cloud routing platform

As part of its broader network modernization strategy, Telefónica Germany is evolving its voice core routing environment into a cloud architecture designed to increase agility, automation and enhance time to market. The transformation creates a scalable foundation for future service innovation while supporting sustainability and long-term traffic growth across fixed and mobile networks.

Düsseldorf/Milan, October 21, 2026 – **Italtel**, an Italian multinational and leader in advanced technology solutions, announces it is supporting **Telefonica Germany**, one of **Germany's** leading telecommunications operators, in a strategic evolution of its core network.

Telefónica Germany is transforming its voice core routing environment into a cloud architecture, enhancing scalability, automation and operational efficiency while creating a future-ready foundation for service innovation and traffic growth.

In this transformation journey, the initiative to evolve the Italtel Routing and Policy System (i-RPS) onto the most advanced platform is an important milestone, enabling a more agile, automated and scalable network environment capable of supporting future service innovation for Telefonica Germany's converged fixed and mobile network.

Italtel decided to collaborate for this project with **Red Hat**, the world's leading provider of open source solutions, using Red Hat OpenShift to deliver a transformed routing intelligence in Telefónica Germany's voice network. The solution provided by Italtel has enabled the rapid delivery of a fully integrated, next-generation virtual transit solution specifically designed to meet the needs of Telefonica Germany for fixed, mobile and wholesale traffic interconnection.

The project is already delivering tangible operational benefits, including:

- enhanced scalability and flexibility, with the ability to allocate resources according to network traffic and operational needs,
- improved operational efficiency, optimizing infrastructure usage, supporting energy efficiency targets and enabling the rapid deployment of new services,
- progress toward an autonomous network model through simplification of network management, centralized provisioning in a single control point and more automated operations.

"This project marks an important milestone in our cloud transformation and is part of our autonomous network journey of achieving level 4. Our business teams are now implementing changes in full autonomy. It frees up the DevOps teams to focus further on automation and enhancing time to market." said **Bas Hendrikx, Head of Digital Cloud Networks at Telefónica Germany**. *"Our cloud strategy is driven by a commitment to agility, transparency and advanced automation, enabling us to move beyond traditional network*

architectures towards a more flexible and future-ready operating model. Italtel has proved to be a trusted partner, helping us integrate innovative technologies into our environment and supporting the modernization of our infrastructure. Together, we have built a scalable architecture aligned with our long-term operational goals. We look forward to continuing this collaboration to drive further efficiency, innovation and value creation for both our customers and our business.

“We are proud that Telefónica Germany continues to rely on Italtel’s technology and expertise, as well as our ability to build an ecosystem of strategic partners such as Red Hat that is critical to the success of complex transformation programs”, said Massimo Salvietti, Country Manager Italtel Deutschland GmbH. “This project confirms the strength of a long-standing collaboration. Our commitment remains focused on supporting Telefónica Germany’s long-term strategic objectives through technology innovation and trusted partnership. We believe this transformation creates a strong foundation for future innovation and further strengthens Telefónica Germany’s ability to respond rapidly to evolving market and customer requirements”.

“We are proud to support this transformation, enabling Telefónica Germany to optimize operations today and preparing them for modernized network services going forward, “commented Rich Stephens, vice president, EMEA telco at Red Hat. “To navigate the complexities of modern telecommunications, operators today need an agile infrastructure that removes technology silos and accelerates innovation. By combining Italtel’s telecom expertise with Red Hat OpenShift Virtualization, we can provide Telefónica Germany with a consistent foundation to manage virtualized workloads with cloud-native agility.”

Italtel

Italtel is a multinational company operating in the Information & Communication Technology sector with a strong focus on innovation. Italtel offers digital transformation solutions that include networks, data centers, digital workspaces, security, hybrid cloud, and the Internet of Things. The solutions consist of both proprietary and third-party software products, managed services, engineering and consulting services, analytics, and automation. The target market consists of public and private companies, with a specific focus on the vertical markets of Telco, Media & Entertainment, Public Administration, Banking and Insurance, Utilities, Transportation, Healthcare, and Manufacturing. www.italtel.com

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Telefonica Germany

As one of the world’s leading telecommunications companies, Telefónica wants to be the best gateway to digital technologies for citizens, businesses and institutions. With approx. 300 million connections and an annual turnover of 35 billion euros, the Telefónica Group focuses its activities on Spain, Brazil, Germany and the United Kingdom. Telefónica Deutschland accounts for around a quarter of the Telefónica Group’s turnover. As a full-service telecommunications provider, it is the leading mobile network operator for citizens and a key player in the market for innovative partner offerings, as well as a rapidly growing provider of solutions for enterprises. The company’s core brand is o2, alongside secondary and partner brands such as Blau and Ay Yildiz. Its range of services includes traditional telephone and internet connections, as well as digital services in the areas of the Internet of Things, security, entertainment and data analysis. In the mobile communications sector, Telefónica Deutschland serves more than 35 million connections (30 June 2026). The provider’s multi-award-winning mobile network covers more than 99 per cent of the population. In 2025, Telefónica Deutschland generated revenue of 8.2 billion euros.

Red Hat

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