Audit Report

Converged Services Ireland — Nationwide







Foreword

More and more network providers worldwide offering their customers everything from a single source – both mobile and fixed broadband. For Ireland, there are two providers that offer converged services: Vodafone and Eir.





In our report, we took a close look at both providers and measured how well they perform in both mobile broadband and fixed network.

Measurement Overview

Mobile Broadband

~40 % 95.4 % of population measured by drivetest 62,962 km² 98.4 % \bigcirc

size of tested area

of the 'built-up area' covered by crowd data

of the 'Population area' covered by crowd data

umlaut tested and measured the performance of its voice and data services on smartphones in comparison to other 5G/LTE mobile radio networks in metropolitan and rural areas of Ireland.

The audit was done as a performance benchmark performed by umlaut between 25.03.2024 and 16.04.2024 in cities and towns as well as on connection roads.

Dedicated measurements have been executed as drive tests outdoors using a Samsung Galaxy S23+.

All data measurements have been performed in 5G preferred mode. Voice measurements have been done in 5G/5G preferred mode on both sides, while call origin has been alternated.

In addition crowdsourced performance data has been collected and evaluated between CW43 2023 and CW14 2024.

The following pages provide a comparative overview about the performance results observed for the different tested service types.

Fixed Broadband





4187 number of lines

umlaut tested and measured the performance of fixed broadband services in Ireland. Focusing on the real user experience, we tested the categories Download Speed, Upload Speed, Latency and Stability.





For this report crowdsourced performance data has been collected and evaluated in 24 weeks from CW43 2023 until CW14 2024. We collected 3.7 million samples from 4187 lines.

Score and breakdown

Mobile Broadband

Fixed Broadband



Overall score considering Voice, Data and Crowdsourcing.



Overall Fixed Broadband score considering Download Speed, Upload Speed, Latency and Stability.



Methodology

The leader in global benchmarking, umlaut, has analyzed the mobile and fixed networks of Ireland with regards to network performance.

We objectively define the test methodology and publish the results through certificates or public benchmark reports. In addition crowdsourced performance data has been collected and evaluated.

As the de-facto industry standard, our benchmarking methodology focuses on customer-experienced network quality and covers a wide range of services. Today, more than 200 networks in more than 120 countries are being evaluated by our unique scoring methodology.



It allows a technical analysis that is unprecedented in its level of detail and enables comparisons between the network performance and capability of each mobile network. Our public benchmarks as well as the certificate benchmarks help network operators to demonstrate how well they are delivering wireless connections to consumers, business users and enterprises and reveals the areas of improvement.

ŧ

Key takeaways

Converged Service Provider Ireland

- Only Vodafone and Eir are offering nationwide converged services.
- Vodafone Ireland is showing a higher overall performance in Mobile Broadband and Fixed Broadband than Eir.



ŧ



umlaut – Part of Accenture umlaut communications GmbH Am Kraftversorgungsturm 3 · 52070 Aachen · Germany

Hakan Ekmen · Global Networks Lead, Comms Industry cell +49 151 571 33 235 · hakan.ekmen@accenture.com

www.umlaut.com