



## **Founding Charter**

### **WiFi Quality Institute (WQI)**

### **Established 2026**

#### **1. Establishment**

The WiFi Quality Institute (WQI) is an independent technical initiative established on 10 March 2026, with the objective of advancing methodologies, benchmarks, and standards for the assessment of wireless network quality. The Institute is created as a collaborative effort among industry stakeholders to develop practical, measurable, and repeatable standards for evaluating the performance, reliability, and Quality of Experience (QoE) of wireless networks.

#### **2. Founding Participants**

The Institute is established with the participation of the following founding members:

- Aerialcom Ltd (United Kingdom) – Telecommunications consulting firm providing technical research and scientific expertise, since 2009.
- Etruriacom Srl (Italy) – Wireless Internet Service Provider (WISP) contributing operational experience and real-world network testing environments, since 2012.
- Maurizio Franci – Telecommunications industry advisor with over 35 years of experience in network infrastructure and wireless deployments.

#### **3. Mission**

The mission of the WiFi Quality Institute is to:

- Develop and maintain advanced technical methodologies for wireless network auditing, focusing on key performance indicators (KPIs) such as latency, jitter, packet loss, and throughput stability.
- Promote transparency and unified measurable standards in WiFi performance evaluation.
- Support the development of certification frameworks that enhance global connectivity standards.
- Encourage technical collaboration between industry stakeholders, regulatory bodies, and hardware manufacturers.

#### **4. Development of the WiFi Quality Standard**

The *WiFi Quality Standard* represents the first technical framework developed within the WiFi Quality Institute.

The *WiFi Quality Standard* and its associated verification framework are developed through rigorous research, field testing, and technical collaboration coordinated within the Institute. The Institute acts as the technical custodian of the standard's integrity.



The WiFi Quality Standard was initially developed and published by San Giorgio Holding Ltd. The WiFi Quality Institute was subsequently established to support the ongoing research, development and maintenance of the standard.

## 5. Intellectual Property & Governance

The intellectual property (IP) associated with the WiFi Quality Standard framework is owned by San Giorgio Holding Ltd, which acts as the intellectual property holder and licensor of the standard.

The WiFi Quality Institute is granted a non-exclusive license to utilize, refine, and promote the framework for the advancement of the industry.

San Giorgio Holding Ltd retains the exclusive right to license the finalized standard to commercial certification bodies and other authorized entities.

Strategic decisions regarding the Institute's direction are managed by a Steering Committee composed of representatives from the Founding Participants.

The Steering Committee oversees the technical roadmap of the WiFi Quality Standard and ensures the integrity of the methodology.

## 6. Future Participation

The WiFi Quality Institute welcomes participation from additional industry experts, academic organizations, and research partners interested in contributing to the evolution of wireless quality standards. Participation tiers (e.g., *Contributor* or *Observer*) are defined in the Institute's separate Participation Framework.

## 7. Nature of the Institute & Neutrality

The WiFi Quality Institute operates as a non-commercial technical and research initiative. To ensure scientific integrity and neutrality:

- The Institute defines the criteria and validates the testing protocols.
- The Institute does not directly issue commercial certifications or paid audit services.
- Certification services associated with the *WiFi Quality Standard* shall be provided exclusively by licensed, independent certification bodies.

Signed by the Founding Participants on 10 March 2026:

Aerialcom Ltd

Etruriacom Srl

Maurizio Franci