

The RadioLED Approach

Q: If there is a RadioLED network with free internet in the City, do residents need to keep existing subscription?

A: This depends on the type of services you require/use as an end-user. The connection is only available in cities that have a RadioLED network. The services offered by the RadioLED network may or may not cover all your needs. The connection to the RadioLED network is uncapped, therefore there is no need to buy/use subscription data while in the city.

Q: Is the RadioLED network registered with the Dutch Telecom authority?

A: Yes. As soon as the network is configured and active for public use, the network must be registered with the Telecom authority.

Q: Does RadioLED comply with Dutch privacy and EMF radiation regulations and policy?

A: RadioLED must comply with all Dutch and European regulations on data-privacy and EMF. This is the same as other network operators in The Netherlands. All operators are under supervision of Telecom authorities.

Q: What does RadioLED require from the City/municipality in order to build the network?

A: RadioLED requires access to the street poles/city infrastructure for installation.

Q: What is the business model of RadioLED? And why is the company giving away free internet?

A: The RadioLED network can offer a combination of functionalities to business users more efficiently. For example, the RadioLED network can either complement or replace a fiber network or mobile network. This gives more options to businesses for existing services/applications (more competition) and for new services/applications (innovation), which become available to end-users. With the global trend in digitalization and Smart City development we expect that at least 85% of new applications will use wireless technology. The Free Wifi is a gift. Use of RadioLED Free Wifi is optional. It is the same as Free Wifi you get at a shop, shopping mall or hotel, but with much higher speed of at least 150 Mbps. The main difference is that, while you are in the city/municipality, you can move around without having to reconnect at a new Free Wifi-hotspot.

Q: Is a RadioLED Core Network a neutral host/neutral infrastructure?

A: Yes, a RadioLED Core Network a neutral host/neutral infrastructure. This means any service or content provider can use the network infrastructure to provide their services.

Q: Does RadioLED have an office in every country?

A: RadioLED has daughter companies in some countries (Austria, Germany, Lichtenstein, Switzerland). However, as digital networks can be monitored and operated remotely, this allows RadioLED to work with strategic local (or international) partners/companies for installation, maintenance, development, and marketing. Flexibility is an important part of the RadioLED strategy. Once RadioLED has a significant presence in a country, RadioLED may consider establishing a local subsidiary.

Q: Many cities are almost fully connected with fiber. What are the benefits and functionalities of having a RadioLED network in the City?

A: We expect that in future 85% of applications will be wireless. Cities will require scalable wireless solutions, because fiber cannot serve these applications directly. Furthermore, the expansion of

traditional telco to 5G requires densification of macro-towers and antennas. With a RadioLED network, additional macro towers are not required. Lastly, the network includes distributed edge-computing and is based on open source and software defined radios, which will help accelerate development of new applications and support research and innovation of smart city infrastructure.