

# WIFI4EU: quality public Wi-Fi connectivity at the service of the people, even in small municipalities.



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GIUSEPPE RUGGIERO,  
MAYOR,  
FOIANO

## Overview

**CAMBIUM NETWORKS WI-FI CONNECTIVITY INFRASTRUCTURES** provide towns with all the ideal characteristics to build public Wi-Fi networks using financing from the WIFI4EU campaign: the experience of Foiano di Val Fortore (BN).

## The Challenge

**THE EUROPEAN COMMISSION LAUNCHED** an important, multi-year subsidy program to provide free Wi-Fi connectivity to municipalities and associations of municipalities all over Europe, called WIFI4EU. The subsidies are intended to cover up to 100% of the necessary infrastructures, with the goal of providing the general public with high quality, free connectivity in public areas such as parks, squares, museums, libraries, health centers, and so on.

From the start of the program, Cambium Networks partners have been committed to providing all the necessary support to the municipalities that decided to participate in the initiative.

An example of just what can be achieved can be seen in Foiano di Val Fortore, a town of 1,400 residents in the Benevento province, where the Wi-Fi infrastructure was designed and implemented by Claracom, an Internet service provider focused on advanced public and private connectivity solutions.



## The Solution

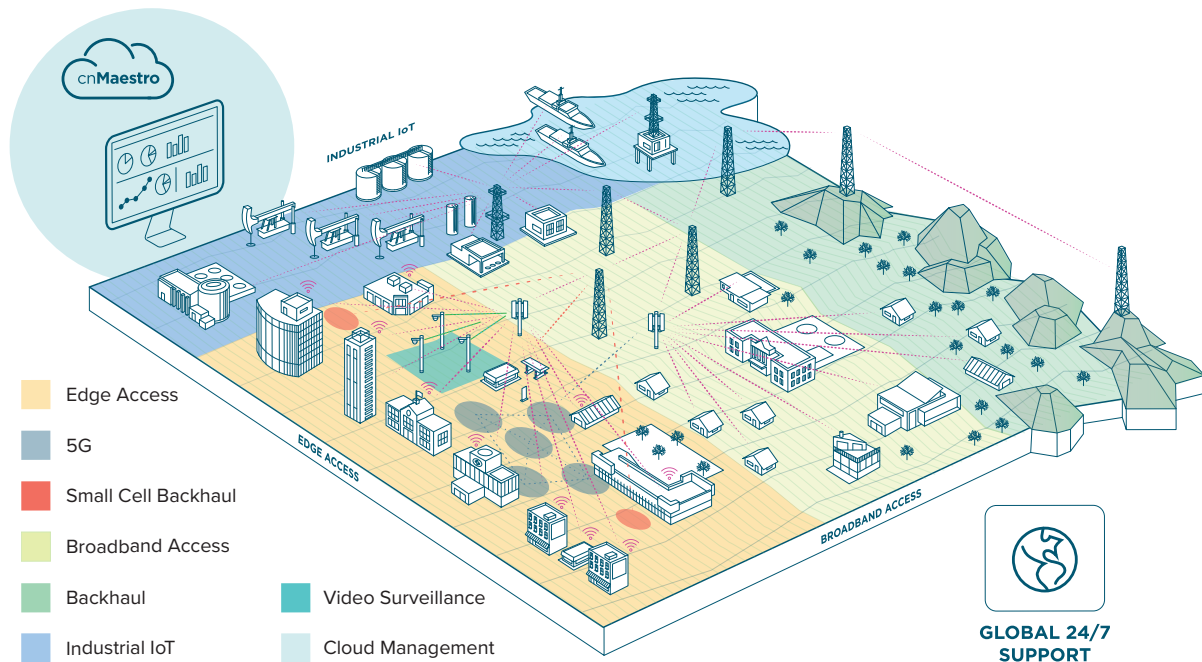
**CLARACOM INSTALLED** a total of 16 Cambium Networks access points, both indoors and outdoors, namely 12 cnPilot e410 and 4 cnPilot e500 units.

Implementation and management of the infrastructure was achieved using the cnMaestro platform in cloud mode, with an overall commissioning test also conducted in collaboration along with European Community staff, which verified the perfect compatibility of the network with respect to the standards set by WIFI4EU. This element of complying with the standards is of fundamental importance and is easily accomplished using Cambium Networks products.

Wi-Fi and Radio Base connectivity for the cameras of a video surveillance system were also integrated in the structure.

## The Results

**SPEAKING OF THE PROJECT**, Foiano Mayor, Giuseppe Ruggiero, made this observation: “I consider what Claracom has developed as very positive because it allowed me to provide Wi-Fi connectivity all over the town. The network also supports the required municipal and scholastic services. The next development will be to use the network for video surveillance, thereby guaranteeing greater safety for the community in my town. Public connectivity over the coming years will be increasingly important and fundamental for the fast exchange of ideas and information for the general public. I also think that it will be important,” Ruggiero pointed out, “to focus on the problems relating to the confidentiality of information in a universe as vast as public connectivity.”



*Cambium Networks' Wireless Fabric of technology solutions enables network operators to tailor connectivity solutions to meet exact requirements and grow as needs evolve.*