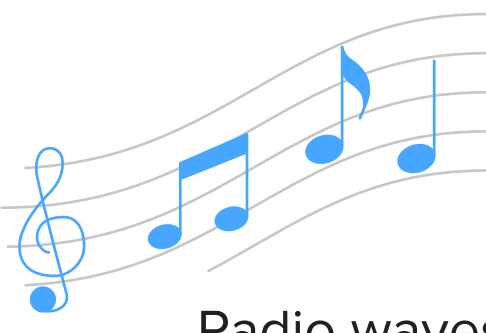


The Evolution of Outdoor Connectivity

Connect Anyone, Anywhere, Anytime with Cambium Networks



Radio waves first used experimentally to **broadcast music/news**

1900

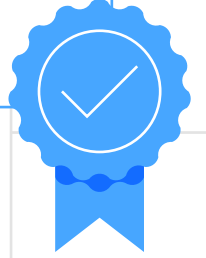
1905

1930

1936

1950

BBC



BBC is the **first broadcaster** to provide a TV service



1990s - Digital television transmission launched via satellite (Sky)

USSR launches Sputnik, the first artificial earth satellite, in 1957 marking the start of global telecommunications. Satellites play an important role in transmitting all sorts of data today

1990

Digital cellular mobile networks introduced

1990s

Wireless revolution begins

1990s

2G networks launched

1991

802.11 wireless networking standard created

1997

Tim Berners-Lee builds the first webpage in 1993 after developing the concept for the World Wide Web in 1989



2000

Two start-ups: **Canopy** (an internal start up at Motorola) (PMP) & **Orthogon Systems** (PTP) are founded

2004

The Third Generation Partnership Project (3GPP) brings Multicast Broadcast Multicast Services (MBMS) to 2G and 3G

Orthogon Systems

CANOPY
Networks Wireless Internet Platform

Motorola acquires Orthogon

2005

2009

Evolved MBMS (eMBMS) becomes standard in 4G Long Term Evolution (LTE) to meet a rising interest in mobile TV broadcasting and live streaming services

2010

Motorola sells Canopy and Orthogon business. **Cambium Networks**, spun-off from Motorola, evolves the platform and expands it to Point to Point (PTP), Point to Multipoint (PMP) and ePMP product lines

2011

2011

PMP family (Canopy) offers point-to-multipoint fixed wireless access in frequency bands 900 MHz, 2.4 GHz, 3 GHz, and 5 GHz. Models include PMP400 and beyond ...

2011

PTP family (Orthogon) offers point-to-point fixed wireless access in frequency bands 900 MHz, 2.4 GHz, 3 GHz, 5 GHz, and 7 GHz (Military). Radios include PTP500 and PTP600 and beyond ...

2014

PTP 820 microwave radio launched, providing gigabit-capable fixed wireless access

2015

cnMaestro Cloud Management platform introduced to offer a single-pane-of-glass management system to manage all existing and new Cambium products

2016

cnReach family launches offering Industrial IoT and SCADA connectivity using the 450 MHz and 900 MHz frequency bands

2018/19

cnMatrix Switching family launches providing L2/L3 ethernet switching platform that can be cloud-managed

2019

5th generation (5G) mobile networks introduced

2019

cnRanger family launches offering fixed wireless access using LTE

2019

Acquisition of Xirrus from Riverbed Technologies brings the XMS-Cloud and XMS-Enterprise Wi-Fi management platforms and Xirrus AP/antenna technology to Cambium



In 2015, Cambium broke the broadband link record with a PtP distance of 245 km!



2017 - Cambium connects Everest Base Camp with high-speed internet access via a cnPilot E500 Wi-Fi access point!



WISPA members vote Cambium Networks Manufacturer of the year. The first of 5 consecutive wins!

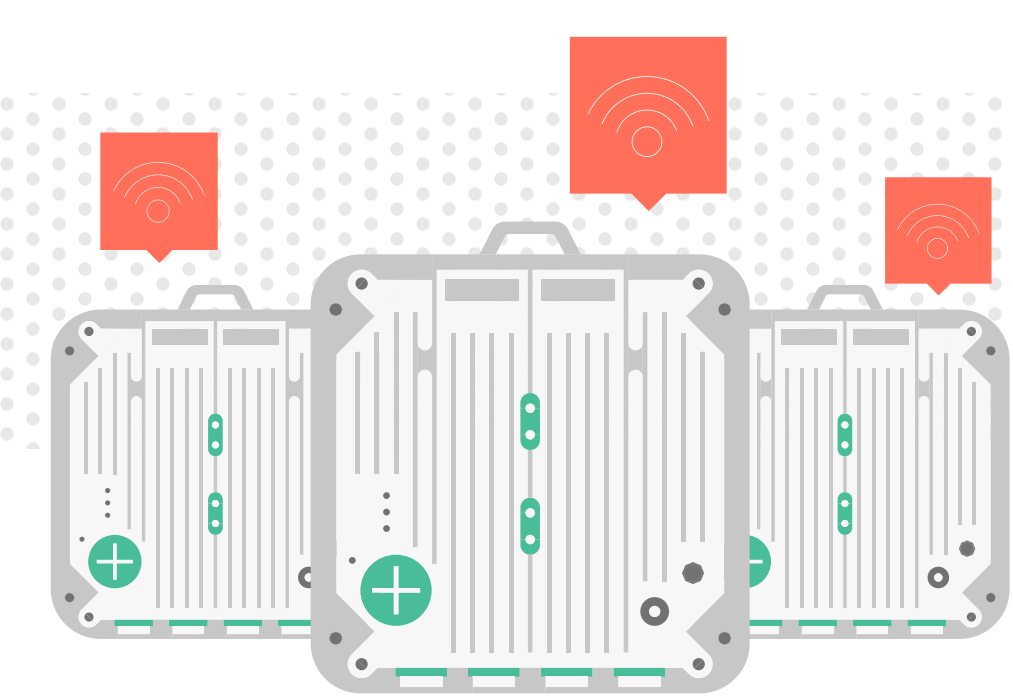
2020 and beyond

2020

Cambium Wi-Fi 6 Enterprise APs launch, compatible with both cnMaestro and XMS management platforms - bringing high-density Wi-Fi networking and high-throughput capable access points with Software Definable Radios

2020

cnWave 60 GHz family launches, offering low-cost multi-gigabit fixed wireless access in either a PTP, PMP, or Mesh topologies. Cambium Partnered with Facebook to develop the cnWave product to conform with the Terragraph standard using 802.11ay 60 GHz radio technology



10,000,000!

Cambium ships its 10 millionth radio since its inception in October 2011!

cnMatrix TX2000 tower switches launch replacing the CMM products providing GPS sync and PoE to up to 16 x PTP/PMP radios

2021

Cambium Networks XV2-2T0 outdoor Wi-Fi 6 access point brings unparalleled flexibility and performance for outdoor Wi-Fi networks

2021

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