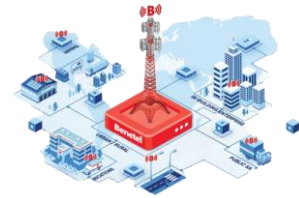


BENETEL INTRODUCTION



**6M+ BENETEL DESIGNED RADIOS
DEPLOYED AROUND THE WORLD**

INTRODUCTION

An Irish Telecom Company for 20+ years in Business,
with Extensive Experience in Design & Deployment of Small Cell Base Stations

LEADING-EDGE TECHNOLOGY

Delivering 5G O-RAN Split 7.2x Cat-A and Cat-B Radio Units (O-RUs),
Optimized to Meet Growing Industrial and Private Network Needs

AWARD WINNING CONTRIBUTIONS

Award-Winning Contributions to Open RAN Platforms and Ecosystems for
Outstanding Innovation and Development of Small Cells and Radios

COLLABORATION

ORAN Alliance, SONIC Lab, OTIC Labs, NTIA, Intel, PlugFest, Multiple Industry
Partners

INNOVATION

Extending the Existing RU Platform with New Feature Sets Optimized for
Enhanced Performance, Security, Compliance with 3GPP & O-RAN Standards

STRATEGY

We are Open & Deeply Engage with O-CU/O-DU Partners around the World



● Live / Commercial networks

● POCs / Trials

5G O-RAN RUs GLOBAL DEPLOYMENT MAP

BENETEL OFFERS A RANGE OF SCALABLE 5G SERVICES

Real time reporting KPIs to the SMO via M-Plane

- enables monitoring and optimization of cellular systems
- better quality of service to customers
- reduces OPEX & CAPEX

Modular, Scalable, SWaP-Optimized Solutions

- Optimizing time-to-market
- Minimizing Total Cost of Ownership (TCO) for private and public sector communications providers and OEMs

PERFORMANCE

SCALABILITY

ENERGY EFFICIENCY

5G SERVICES

Energy Saving

- Engaged in the development of techniques to optimize radio energy efficiency

Scalable 5G Services

- eMBB
- Mission-Critical Services (uRLLC)
- Massive IoT
- Network Slicing



Indoor O-RU-RAN550



Outdoor O-RU-RAN650



Excellent 5G Gb performance

1st Prize in NTIA 5G Challenge

O-RAN Compliant

Fronthaul Split 7.2a/b

NR Bands: n77u, n78, n79, n48

Multiple partner integrations (L1, L2, L3)

4T4R, up to 100 MHz BW



Benetel™

Benetel's **O-RAN Radio Unit (O-RU)** product family is specifically targeted to address the infrastructure needs of the emerging disaggregated RAN for 4G & 5G networks.



Designed for Outdoor Microcells, Campus
& Fixed Wireless Access Networks.

RAN650:

4T4R 100Mhz

Up to 20W (4x 5W)

Lead band(s): n77u, n78,



Benetel

Benetel

Architected for Indoor Enterprise Deployment.



RAN550:

4T4R 100Mhz

Up to 2W EIRP

Lead band(s): n78, n79, n77u

BENETEL CONTACT

Benetel expresses a strong interest in engaging with the SNS and seeks to collaborate as an O-RU partner/supplier within a consortium.

Benetel`s Dublin HQ runs a state-of-the-art 5G laboratory for test, support, research and development. Our other global locations include offices in UK, USA and Japan as well as R&D center in Poland.

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