



last mile semiconductor

secure and reliable
wireless networks

“Private 5G DECT-NR+
Die Zukunft der smarten City”

Sep 2023

PROBLEM

**Lack of resources
is the greatest
challenge of our
time.**

LMS
last mile semiconductor



SOLUTION

We need to connect the world to meet the challenges of our time.

Massive-IoT optimize processes and enables efficient use of resources and energy.



We connect critical infrastructure.

- profitable
- reliable
- scalable
- secured

**What is Smart City
and how can we we
do it better ?**

SMART CITY USE CASES - BUILDINGS

Highest reliability when it matters



**Control your assets with 5G-quality
at low costs.**

- Private 5G network based on DECT-NR+ running completely without a cellular network provider.
- Local networks provides highest reliability at low price.

SMART CITY USE CASES - ENERGY

Highest security for our energy networks

UMS
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**Secure our critical infrastructure
at low cost.**

- DECT-NR+ connects Smart Meter Infrastructure with real End2End Security
- Our integrated Secure Element provides secure and ease of use commissioning
- Long range connects indoor and outdoor assets with high reliability.

Highest scalability for IoT-Use Cases

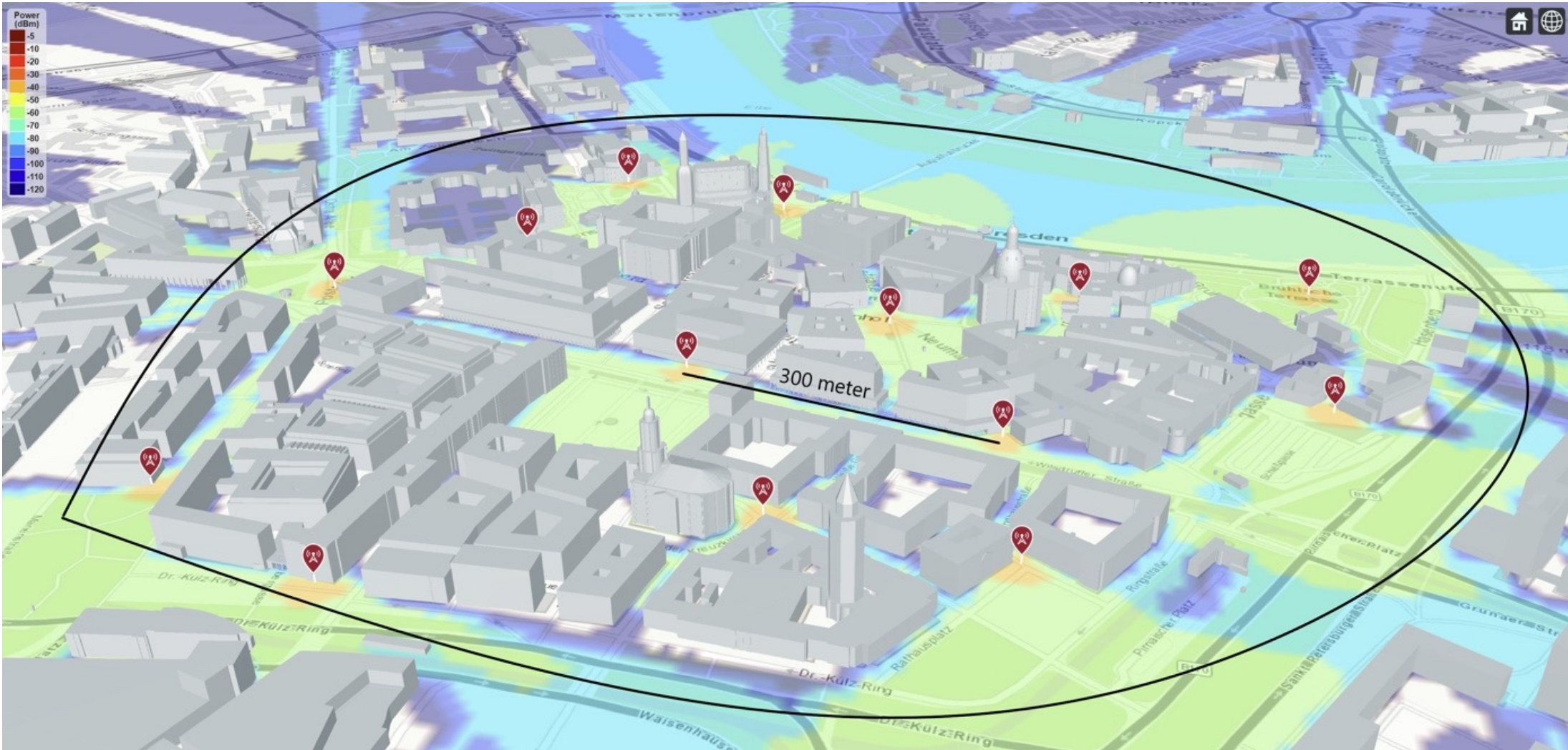


Build your own networks with DECT-NR+

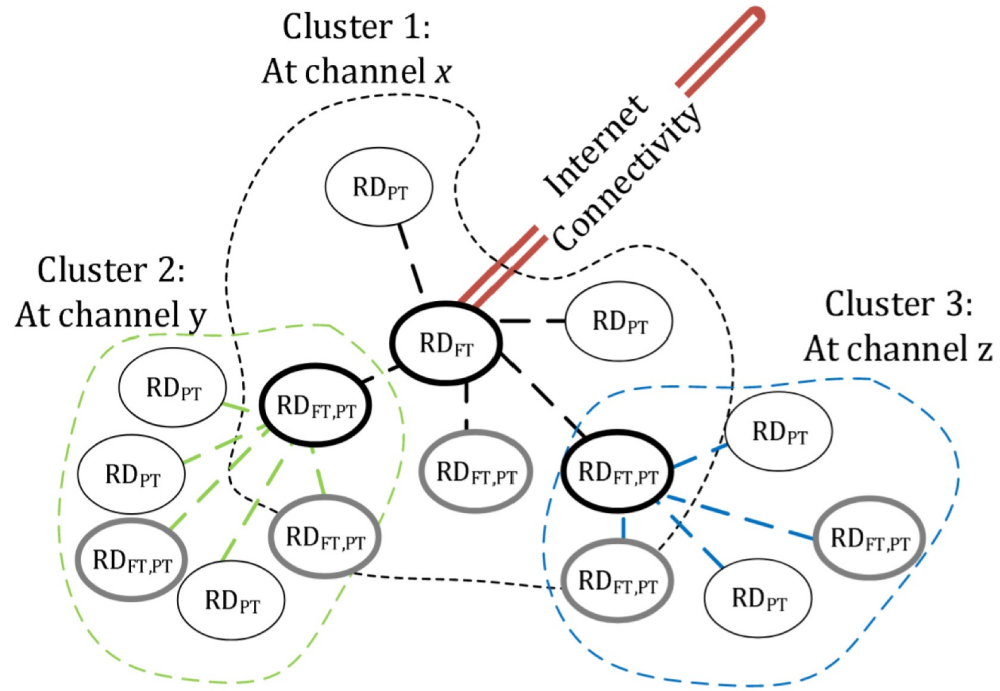
- Professional networks can be provided by DECT-NR+ low latency functionality
- Networks can be extended through extensive mesh functionality

How does it look like?

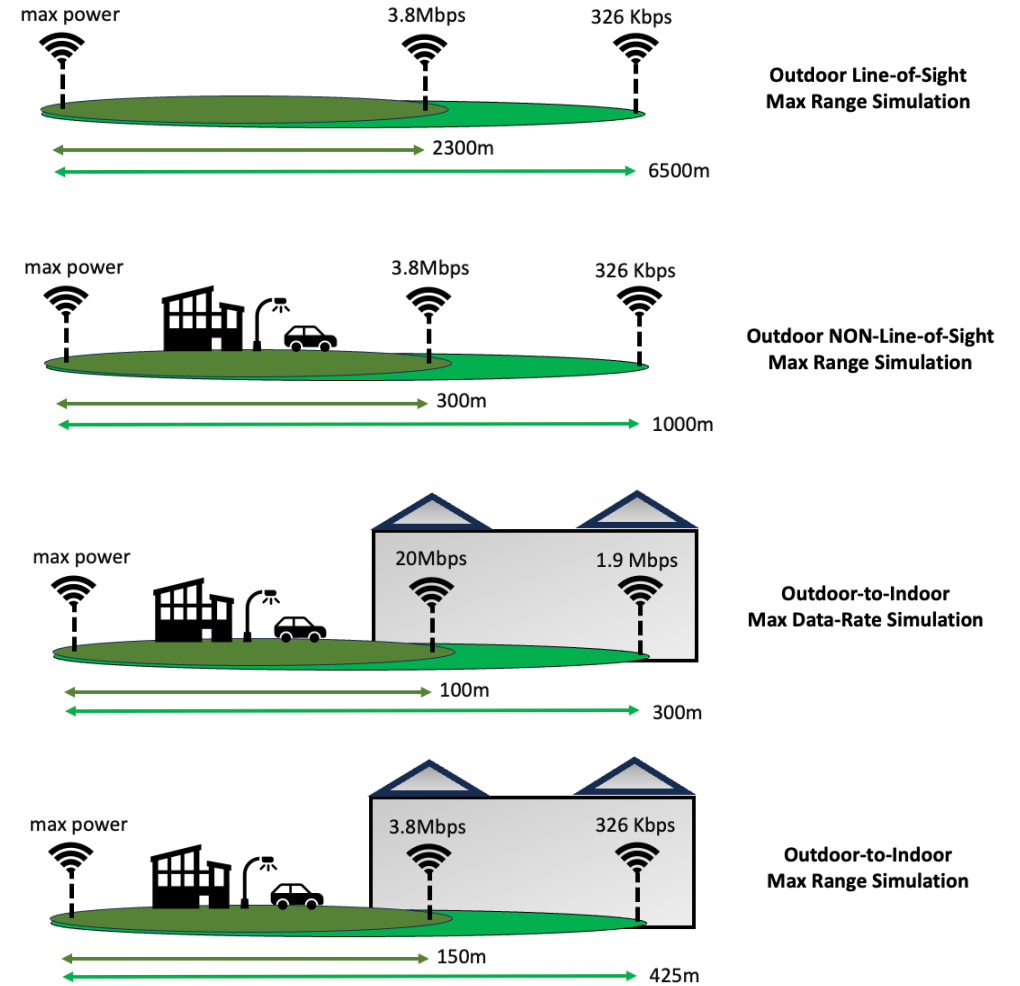
TECHNICAL DEEP DIVE - SMART CITY WITH DECT-NR+



Point to Point Connections



Yes, it's a mesh !

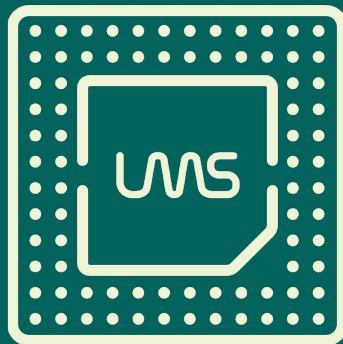


WHY ANOTHER WIRELESS STANDARD?










Requirement	Bluetooth	Zigbee	LoRa	NB-IoT	LTE-CAT1	4G/5G	DECT NR+
Range		✓	✓	✓	✓	✓	✓
Bandwidth	✓				✓	✓	✓
Low-cost	✓	✓	✓				✓
Low-Latency URLLC					✓	✓	✓
End-to-end security	✓				✓	✓	✓
No Provider	✓	✓	✓				✓
Free, global & dedicated spectrum							✓

PRODUCT

Our chipset is the enablement for digital sovereignty.



Our European low-cost & ultra-low power wireless chipset with DECT-NR+ combines the performance of 5G cellular networks with the efficiency of Bluetooth

- | | | |
|---|---|---|
|  secure |  massive IoT |  free global spectrum at 1.9 GHz |
|  low latency |  low energy |  >10 Mbit/s bandwidth |
|  low cost |  scalable |  > 3 km Range |

We are looking for partners !!!

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