

COMFLEX MAX INNOVATIVE DAS PLATFORM

Transform Your In-Building Wireless Connectivity with ComFlex Max

The Growing Demand for In-Building Wireless Connectivity

The increasing ubiquity of mobile devices—driven by their accelerating proliferation and the growing integration of AI/ML, big data applications, and cloud-based services—has led to a sharp rise in demand for enhanced in-building wireless connectivity. As the industry transitions into the 5G Phase 2 era, service providers and building owners face significant challenges in delivering seamless indoor coverage, sufficient capacity, and consistent performance to meet these evolving requirements.



Addressing Market Challenges

Traditional active DAS radio units typically support up to 8 PAs, presenting challenges for service providers aiming to achieve wireless coverage in large venues. This limitation arises due to the extensive use of multiple frequency bands by mobile operators in the 5G era.

Your Solution for Efficient In-Building Connectivity

ComFlex Max is Comba's innovative platform designed to enhance in-building wireless coverage and capacity. This flexible and scalable solution is your answer to the growing demand for seamless connectivity.



Expanded Capacity

- Four FDD bands 2T2R plus one TDD NR (N78 or other) band 4T4R in one box.



5G Compatibility

- Supports up to **400MHz** per PA to accommodate wider 5G NR bandwidth.

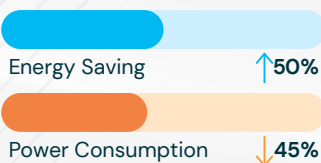


Scenario-Based Design

- Unified platform with three power levels, reducing design and deployment complexity.



Energy Efficiency*



Space & Cost Saving*



Advanced Signal Control

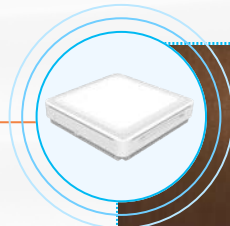
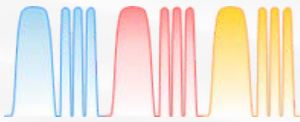
- Features software-defined RF configurations, flexible sector routing, and DAS slicing for multi-vendor baseband integration.

*Compared to other DAS manufacturers in industry

Software-Defined Signal Control

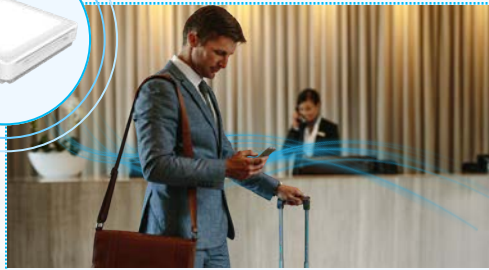
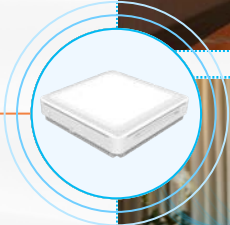
Enables different RF configuration according to scenarios:

- Sub-band
- Carriers
- Bandwidth



Guest Room

Partial carrier off, better coverage

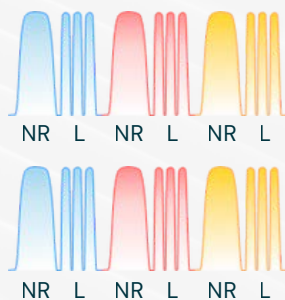


Lobby

Full carriers, full capacity

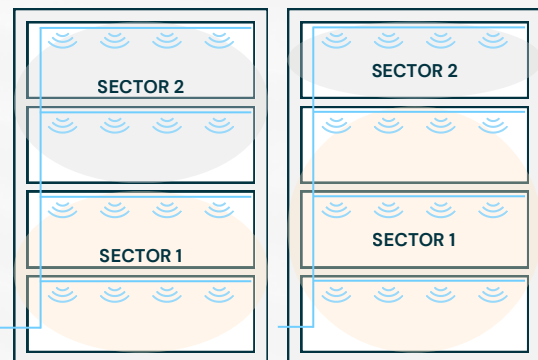


Capacity Routing

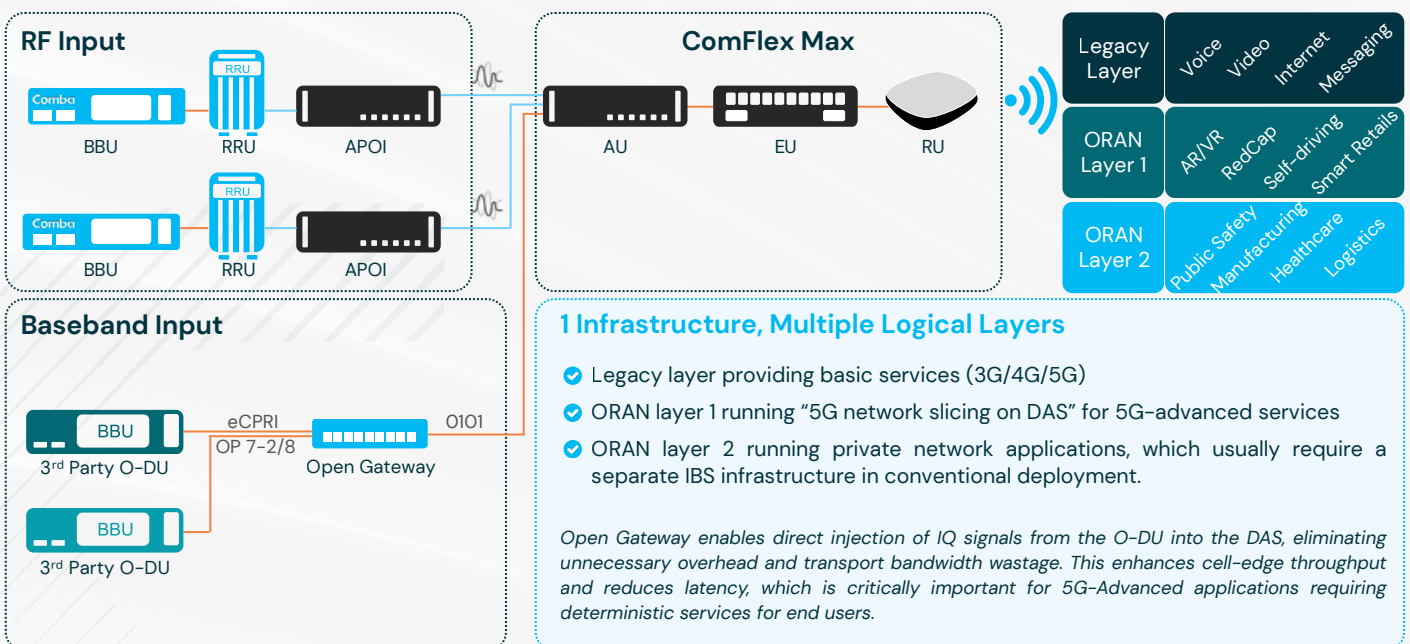


AU 2

AU 1



DAS Slicing - RF + Baseband Hybrid

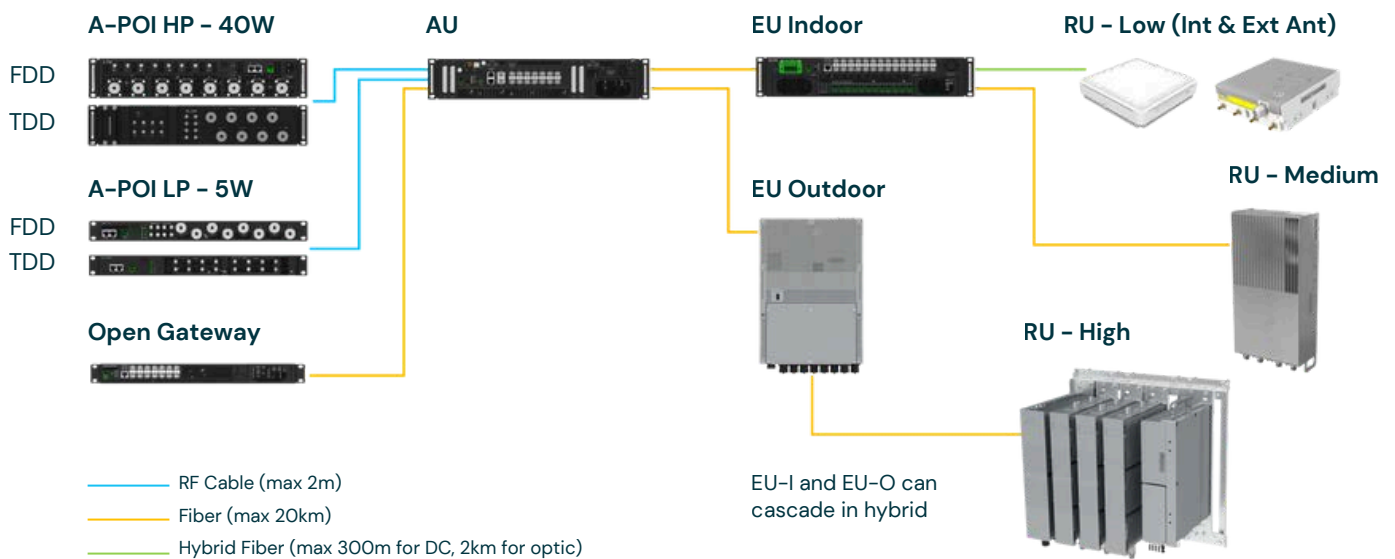


Solving the Puzzle with ComFlex Max

ComFlex Max integrates 12 PAs into a single radio unit and supports 400MHz Instantaneous Bandwidth per NR channel, reducing the need for multiple layers. This not only saves space but also minimizes power and labor costs. Its IT-like architecture and end-to-end active design simplify link budget calculations and installations, leading to substantial reductions in Total Cost of Ownership (TCO).

By adopting ComFlex Max, service providers and building owners can seamlessly bridge the gap between the rising demand for wireless connectivity and the need for reliable, high-speed solutions.

Invest in ComFlex Max as your long-term solution for efficiency and success in the evolving landscape of in-building wireless connectivity.



Scenario-Oriented Product Design

RU-L



Shopping Mall



Airport



Hospital

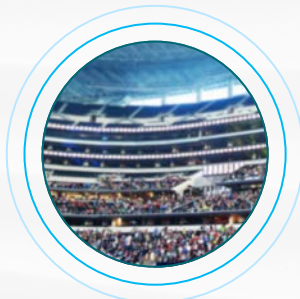


- ✓ **Wideband support (600–4200MHz)** for multi-band indoor coverage
- ✓ **All-in-one remote unit** supporting 2G/3G/4G/5G, with integrated **NR 4x4 MIMO** for an enhanced user experience
- ✓ **Plug-and-play design** enabling fast deployment and minimal service disruption
- ✓ **Up to 30dBm EIRP**, delivering **up to 100% wider coverage** compared with typical low-power solutions

RU-M



Stadium



Arenas



Mid-Sized Building

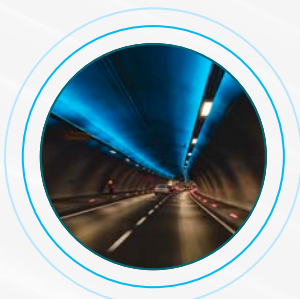


- ✓ **Wideband support (600–4200MHz)** for flexible multi-band deployment
- ✓ **All-in-one solution** supporting 2G/3G/4G/5G networks
- ✓ **Compact and lightweight integrated design**, with built-in combiner for simplified installation
- ✓ **Up to 40dBm output power**, achieving an optimal balance between performance and footprint

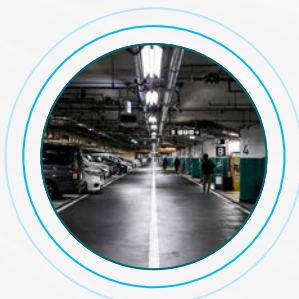
RU-H



Office Building



Tunnel



Parking Building



- ✓ **Extended frequency range (380–4200MHz)**
- ✓ **Unified platform** supporting public safety and 2G/3G/4G/5G networks
- ✓ **Modular architecture** enabling flexible installation and on-demand capacity upgrades
- ✓ **Up to 46dBm output power**, providing a **cost-effective solution for large-scale scenarios**

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