



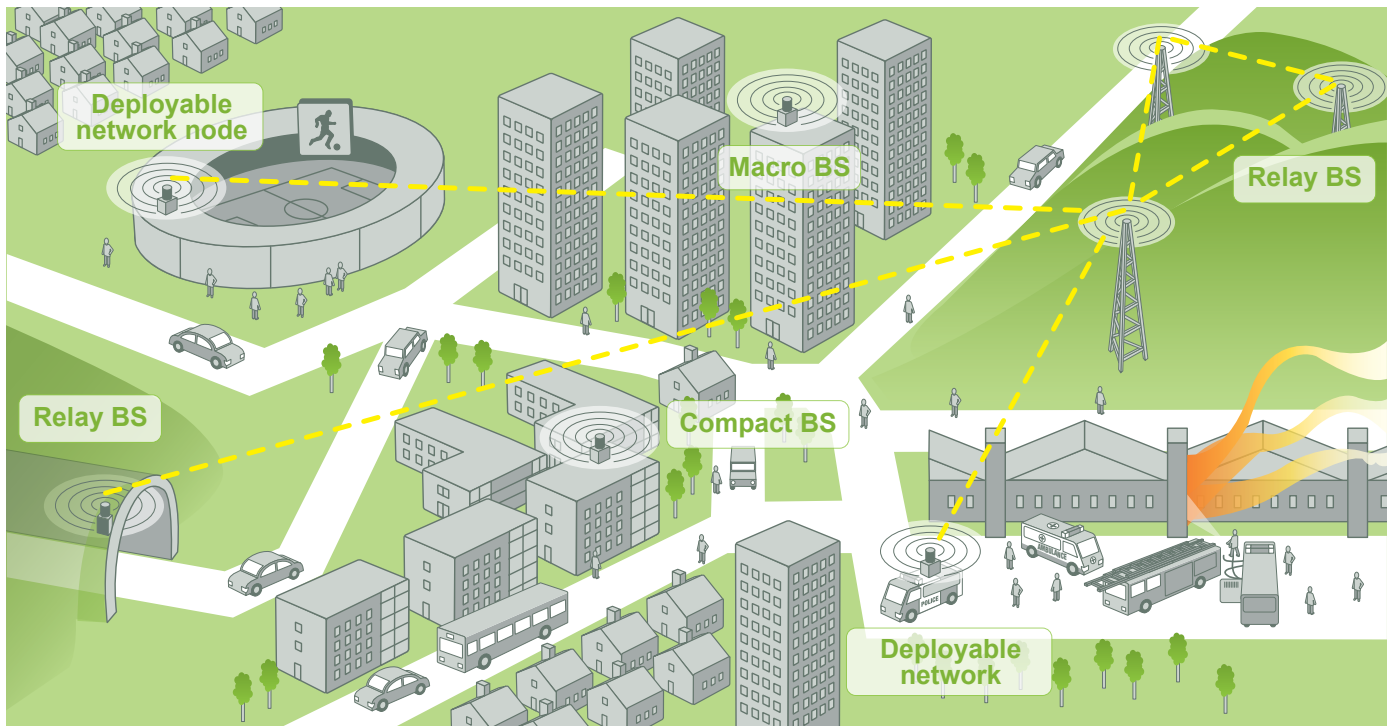
Discover the Experience

EB Mobile WiMAX Base Station Framework

Accelerate your wireless broadband business
with EB's mobile WiMAX base station solutions.

To fulfill diverse customer needs, EB offers a complete framework for Mobile WiMAX base station design. Based on the Mobile WiMAX Base Station Framework, EB can offer scalable and reliable base station solutions for different application areas. With the tailor-made solutions, customers can achieve faster time to market and lower development and deployment costs.

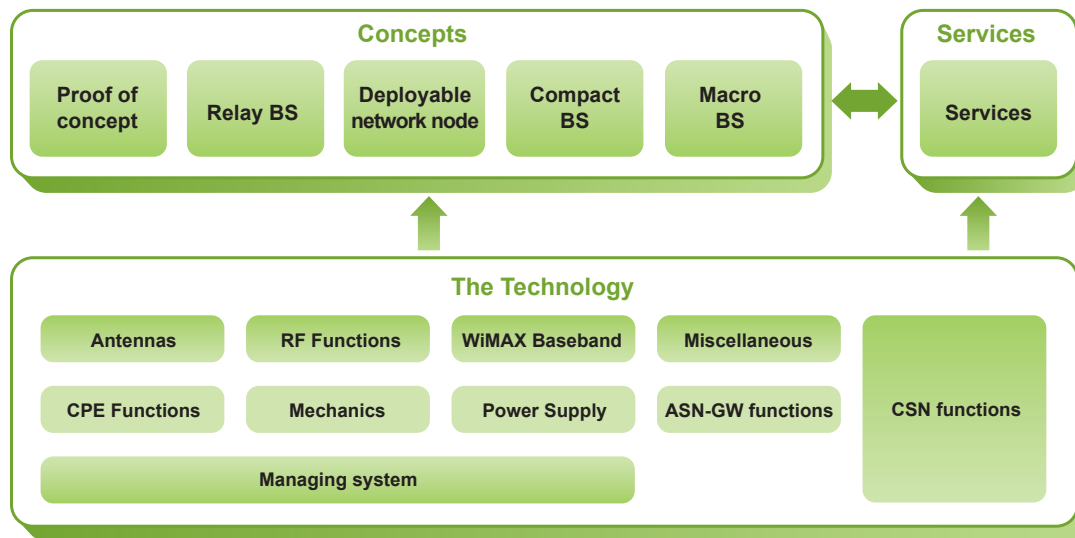
By leveraging our own technology assets and knowhow, complemented with partnered components, EB can build solutions that meet the needs of a variety of customers and offer a unique opportunity to customize the solution to according to their requirements. Examples of solutions that can be built on the Mobile WiMAX Base Station Framework include Relay, Compact and Macro base stations, as well as a Deployable network node.



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The Mobile WiMAX Base Station Framework gives access to future-proof technology. State-of-the-art multicore digital signal processors (DSP) enable remote software upgradeability and customizable solutions. Upgrading new features to the base station is thus fast, easy and cost-effective, and can be executed remotely without hardware changes.

Through our unique technology know-how, assets and partner network, we can build solutions that fit your specific needs. Long-term co-operation with the most successful telecom equipment manufacturers has provided EB with the superior understanding, experience and skills required to provide consultation services for the entire product value chain - i.e., from Product Conception to Product Maintenance.

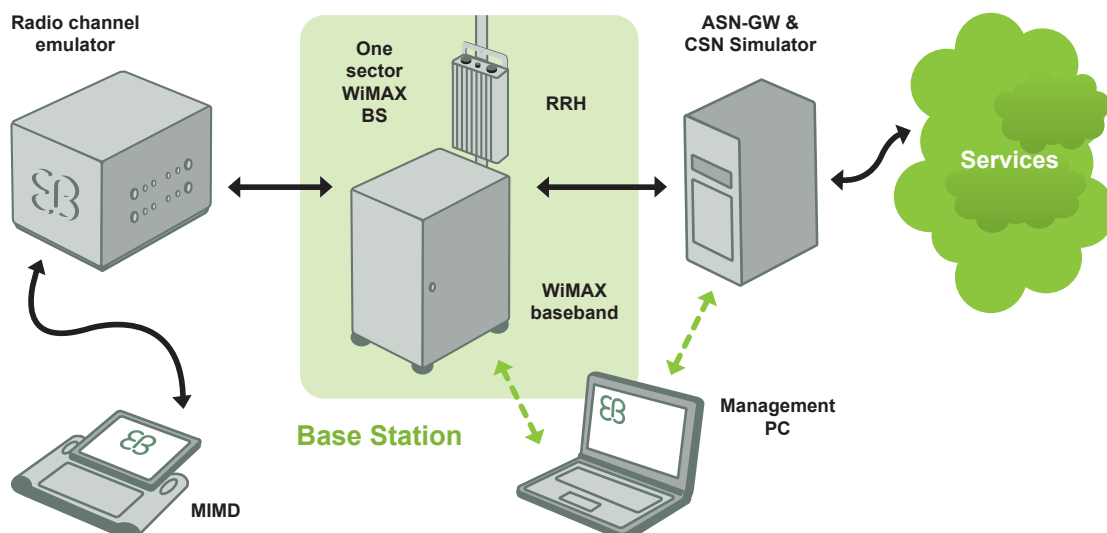


EB's mobile WiMAX technology gives possibilities to develop base stations for multiple use cases.

Proof-of-Concept

Proof-of-Concept is a demonstration system that shows how base station solutions can be built based on the Mobile WiMAX Base Station Framework. The demonstration system includes EB's WiMAX baseband and third-party Remote Radio Head and other equipment needed to bring an immediate wireless experience for the customer.

The demonstration system is a base station supporting the 3.5 GHz and 2.5 GHz frequencies; nevertheless, other special frequencies are also possible. The demonstration system can run typical end user applications such as web browsing, FTP file transfer, VoIP, video streaming and online gaming.



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Base Station Concepts

	Main benefits	Main application areas
Relay base station	<ul style="list-style-type: none">▶ Cost-efficient coverage and capacity gap filler▶ Reduced CAPEX and OPEX▶ Siteless solution▶ Self-backhauling▶ Flexible and easy deployment	<ul style="list-style-type: none">▶ Urban canyons▶ Sports arenas and exhibition venues▶ Metro and other transportation tunnels▶ Shopping malls and underground pedestrian passages▶ Public safety and defense premises
Deployable network node	<ul style="list-style-type: none">▶ Siteless solution▶ Reduces deployment costs▶ Rapidly deployable and mobile▶ Integrated ASN-GW and self-backhauling	<ul style="list-style-type: none">▶ Incidents and emergencies▶ Events, games and exhibitions▶ Closed user groups▶ Public safety and defense▶ Satellite-backhauled Wide Area Network
Compact base station	<ul style="list-style-type: none">▶ Siteless solution▶ Reduced deployment costs▶ Reliable and easily movable solution▶ Fast outdoor and indoor mounting possibilities	<ul style="list-style-type: none">▶ Office buildings▶ Railway station▶ Business park▶ Shopping malls
Macro base station	<ul style="list-style-type: none">▶ Fast time-to-market▶ Tailorable and modular solution that fits your needs▶ Cost-efficient small footprint▶ High capacity and coverage solution	<ul style="list-style-type: none">▶ Urban area coverage▶ Sports arenas and other very large venues▶ Metro and other transportation tunnels▶ Public safety and defense solutions