



Enterprises*

- 4x indoor user performance improvement compared to macro only
- Improved user experience outdoors due to macro offload
- Deployment in days rather than weeks



Dense Outdoor Network*

- 44x capacity with SC
- 60% signaling reduction
- 4 dB median SINR gain



Residential/Neighborhood*

- Up to 90% reduction in handover frequency
- Up to 40% cell-edge throughput gain
- 3 dB median SINR gain
- Reestablishment success rate increased from 44% to 92%



Stores/Malls*

- Up to 76% handover reduction
- Up to 60% cell-edge throughput improvement

[Whitepaper](#)

*Performance improvement based on Qualcomm lead testing performed in customer environment. Performance gain are provided as an illustration of the benefits of UltraSON. Achievable gain will vary based on local conditions and thus the performance gain listed within is not to be construed as a commitment that these results will occur in any given situation. Qualcomm and UltraSON are trademarks of Qualcomm Incorporated, registered in the United States and other countries.

New

Trials performed with operators and vendors in North America, Europe and Asia

SON benefits for self-configuration, optimization and cost effectiveness demonstrated in operator trials [Video](#)