

## COGNITIVE COEXISTENCE TECHNOLOGY

Our patented Cognitive Coexistence technology is the foundation of our wireless technology offer and the main reason why we are the most resilient connectivity solution on the market today. No other player can today offer a more frequency-friendly and reliable protocol.

The number of wireless connected products are rapidly increasing and the majority of the connected devices rely on the same unlicensed frequency bands. This leads to a more and more congested frequency spectrum and the possibility of a communication breakdown – unless you have strategies for interference mitigation.

LumenRadio's patented Cognitive Coexistence technology will like a weather station predict on a millisecond basis how the frequency spectrum will be utilized going forward. This prediction is used to adapt to the best available and least congested frequencies. By using our technology our customers products will be Future-Proof while they co-exist with other wireless technologies, not being interfered with or causing interference.

By being smart, being cognitive, we can detect, identify and adapt to the ever-changing surroundings, creating a true future-proof connectivity solution.

