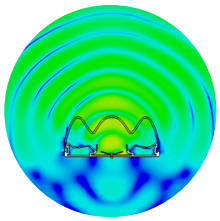
Technology for fast, sustainable wireless

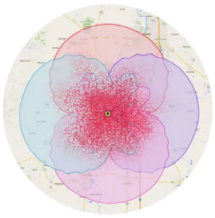
THE PROBLEM

RF POLLUTION



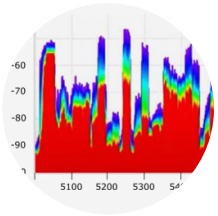
WRONG PRODUCTS

Patch array sector antennas have substantial side lobes (SL). They collect and transmit RF noise, are extremely hard to avoid, and harm every wireless device near and far.



IRRESPONSIBLE USAGE

The noise SL create makes network growth unsustainable due to gradual degradation of the throughput and stability. Using the wrong product is irresponsible practice for the whole industry.



OVERCROWDED SPECTRUM

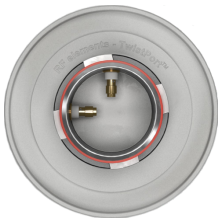
Noise from the endless amount of deployed links increasingly clutters limited spectrum. Unsustainable deployments have gradually made the spectrum nearly unusable for everyone.

THE SOLUTION

HORN TECHNOLOGY

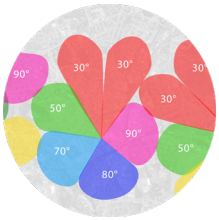
AVOIDING NOISE

The key to eliminating noise is the ability to transmit and receive the signal only to and from intended directions. Our antennas fit this criterion perfectly, providing long term stability and maximized throughput.



ZERO LOSS

TwistPort™ is RF elements proprietary waveguide connector. Practically lossless link between the antenna and radio provides superior performance compared to coaxial cables and is extremely easy use.



MASSIVE SCALABILITY

With the wide toolset of horn antennas, network designers are no longer limited by the equipment, only imagination. Unparalleled scalability is enabled by the zero SL performance of each sector.

SUSTAINABLE FUTURE

#Reject Noise

Occupying only the spectrum needed is the ultimate way of building wireless networks. Meet the present and future demand for sustainable connectivity already today, with RF elements horn antenna technology.

#Grow Smart

RF elements antenna technology enables rapid increase of network throughput or switch between radio vendors. It lets you focus on long-term, progressive growth, with maximized ROI.

#Save Spectrum

Spectrum is a limited resource. Constantly growing connectivity demand calls for its efficient and sustainable usage. Spectrum efficiency opens unparalleled possibilities in network design, optimization, and service development.