Breakthrough Technology For

Sense through the Walls

Saltenna LLC

Breakthrough technology for underwater communications

Using Saltenna's patented antenna-like devices, customers will potentially be able to characterize dielectric materials in complex building environments (metals, clay, concrete, etc.). In addition to dielectric characterization (biological, metal, plastic, etc.), images and data can be transferred through fortified bunkers, buildings, metal containers, and secure workspaces. Our devices can also be used for ground penetrating RADAR, which can characterize dielecteric materials in hardened and deeply buried targets through complex earth environments (clay, water, granite, etc.).

For solving problems which were previously thought of as impossible, Saltenna has since been dubbed a significant contributor to the 4th Industrial Revolution' by our ability to connect machines together deep underwater, and to those above, and at distance. We have successfully achieved novel high bandwidth wireless radiofrequency (RF) underwater in machines of various types. From live streaming high-definition video systems to simple voice & data systems, and anywhere in between, we can increase the performance to machines previously restricted by laser and acoustic technology. Improve effectiveness and efficiency 10-100 times more. Let us show you the difference that only Saltenna RF can achieve, complimentary in your applications from seafloor to space. Where you cannot sense, scan, or communicate, we can!

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How can we work together in advancing your product, today?"

Demos of Saltenna's plasmonic technology are available; please come take a look or set up a discovery meeting! Customers helping us progress these capabilities into further commercial and government applications: U.S. Special Operations Command (USSOCOM), Defense Threat Reduction Agency (DTRA), Defense Advanced Research Projects Agency (DARPA), Oil & Gas, Semiconductor, etc.

Customer Testimonials: *"Novel, differentiated, and superior technology (USSOCOM)," "High bandwidth and non-line of sight transmissions (USSOCOM)," "Game changing technology for communications (USSOCOM)," "Biggest breakthrough in electromagnetics in 60 years (DARPA),"*

"Major accomplishment in the field of underwater/ alternate transmission communications (USSOCOM)"