

Millimeter Wave Expressway

Navigating the pathways of unlicensed radio links today is like pulling into traffic on the Washington D.C. beltway at rush hour. No matter which lane you chose, the path ahead is crowded. For example, when a 2.4 GHz link was installed a few years ago it provided good uninterrupted service for quite a while. As additional systems were added in the area, its channel had to be reassigned to achieve a good quality of service. As more links were installed a network engineer had to come out and engineer the best channel for use. Like many old roads, it is now only a reliable route in the most rural of areas.



Then the 5.7/5.8 GHz band opens up and clear roads were easy to find for a while, but in fairly short order the same frequency crowding occurred again. As a result, radio users could either pay for an expensive licensed link, the equivalent of building their own private road, or they could wait as manufactures continue to look for solutions in the traditional sub-6 GHz range.

Now SnapLink offers a completely new express lane that will not be even remotely crowded for the foreseeable future. SnapLink operates in the 24 GHz unlicensed band (24.05 to 24.25 GHz) which came about in the late 1990's as a spin-off of the 24 GHz license auction. To date there has not been much use of this band because of the availability of less expensive radios at the 2 and 5 GHz bands. Traditionally radios in the millimeter bands have been expensive until ShieldTech Systems broke that tradition with its new SnapLink -24U radio. This radio operates in the unlicensed 24 GHz band and list for \$6995 for a complete link. SnapLink is very easy to install and requires no previous radio knowledge. It is exceptionally secure from detection and interception, making it ideal for point to point applications where crowding is a problem or where the user requires clear interference free operation.



Pre-engineered for high link availability the SnapLink radio can be used in most rain zones up to 5 miles.