



CASE STUDY:

Power over Ethernet for Specialized Wi-Fi Radios



An RV park in Texas wanted to install ubiquitous Wi-Fi for their residents and guests. Frontera Consulting, a wireless consulting and integration company, was subsequently brought in to install Ruckus Wireless radios. The radios were to be installed at the top of the lightpoles around the park, but the radios would only accept Power over Ethernet and not AC or DC power. Therefore, the power would need to be converted. To solve both the challenges of delivering power to the top of a lightpole and converting it to PoE, Solis Energy's specially designed LPT 138s were utilized to provide reliable PoE to the radios.



THE CUSTOMER

An RV park in the Rio Grande Valley, TX



THE CHALLENGE

To power Wi-Fi radios on grid-powered light poles with Power over Ethernet



THE SOLUTION

Solis Energy provides LPT 138 light pole power taps to convert power to PoE without having to run wires up and down the pole



THE RESULTS

Over 100 LPT 138s are quickly and easily installed at the park, "a real pleasure to work with" testifies Drew Lentz of Frontera Consulting



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