Solution

The Intuicom RTK Bridge-X, with its industrial-strength cellular capabilities, is able to get corrections where cell phones can’t. “We use the RTK Bridge-X to grab a correction through the Internet where a typical cell phone won’t connect,” says Chuck Hutchins, Geodetic Sales and Support Manager, Vectors, Inc. “We then convert those corrections to UHF and rebroadcast them locally at 1 watt out of the RTK Bridge-X.” With the limited number of frequencies available, and the growing number of survey crews working in the field simultaneously, interference is a common occurrence. “Working locally, closer to your radio and not pushing out such a strong signal, is the key to operating successfully in the oil patch,” mentions Hutchins. “And since the RTK Bridge-X can be put in a truck, it serves as a mobile platform that can move with the crews maintaining their connection when no other options exist.” With most oil patches being inside the coverage area of a GPS network of base stations (such as a Trimble-owned network, or a privately-owned network like TopCon or Leica), the RTK Bridge-X proves to be an effective alternative to purchasing a base station and a UHF radio. Hutchins adds, “It would take you years to recoup the money spent on a base station if you were to simply buy an RTK Bridge-X instead.”

Benefits

Vectors, Inc. is able to provide its customers an extremely cost-effective and highly-reliable alternative to purchasing a base station and a UHF radio, without compromising the goal of obtaining accurate RTK corrections out in the oil fields.

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