

Vertex Standard P25 Radios Improve Caney City Police Communications

CASE STUDY

CUSTOMER PROFILE

Customer	Caney City Police Henderson County, Texas
Industry	Public Safety
Vertex Standard Radios Used	APCO P25 Radios <ul style="list-style-type: none"> VX-P924 Portable VX-7200 Mobile
Benefits	<ul style="list-style-type: none"> Extended reach in remote areas Clear audio transmission Durable and reliable Long-lasting battery performance



Caney City Police Chief Kenneth Holder



VX-P924

VX-7200

OVERVIEW

Caney City is a small Texas town located near the Cedar Creek Reservoir, a large lake area with a challenging topography for radio communications. The Caney City police department had been using aging radio equipment including high-powered mobile units and experienced connectivity issues in remote, low-lying areas near the water, making the equipment almost useless for the department.

In 2010, the police department needed to update their radio equipment to meet the APCO P25 compatibility standard. This provided the opportunity for the department to test alternate radio brands when they were introduced to Vertex Standard P25 radios.

SOLUTION

Vertex Standard P25 VX-P924 portable radios with 3000 mAh Li-Ion intrinsically safe batteries and P25 VX-7200 mobile radios recommended by Vertex Standard dealer, Contact Communications.

RESULT

Reliable radio performance and clear transmission throughout the Caney City jurisdiction. "The clear radio transmission is striking in comparison to our older equipment" stated Police Chief Kenneth Holder. "They transmit clearly even in wind and rain and survive the wet weather that a lakeside city in East Texas often must endure." The department also benefits by the long-lasting battery performance, "...the radios can last for days on the batteries."

Using the 50 Watt VX-7200 mobile radios, the department now has radios that transmit in areas where the older 100 Watt mobile radios could not be used.

"Our radio communications keep our officers alive on the side of the road or out in the darkness of our rural county, and I feel safer and more confident knowing that the radios will work when we need them to and keep us safe in areas that are typically difficult for radio communications," Chief Holder stated.

“I would highly recommend Vertex Standard equipment to any agency or business that needs radios that are rugged, reliable and tailored to the needs for day in and out use.”

— Chief Kenneth Holder



Get More of What You Need for Less Than You Expect
Radios ready to respond with P25 Interoperability

	PORTABLE RADIOS VX-P920/P970	MOBILE RADIOS VX-7100/7200
Durability	IP57 (VX-P920) IP68 (VX-P970) MIL 810 C,D,E,F Intrinsically Safe	MIL 810 C,D,E,F
Usability	48 / 512 Channels 700 mW Audio Output Compander Audio Pitch Control Whisper Minimum Volume Control 20+ hours battery life 7-Color LED Flexible Scan Options	8 / 501 Channels 2W internal / 12W external Audio Output Compander Minimum Volume Control Public Address / Horn Alert
Safety	Emergency Lone Worker Remote Listen ARTS	Emergency Remote Listen Internal Microphone ARTS
P25	Selective Calling Talk Group IDs (TGID) Network Access Codes Individual ID Lists Paging Group Lists Mixed Mode by Channel AMBE+2 Vocoder RSSI Warning Alert Caller ID Display	Selective Calling Talk Group IDs (TGID) Network Access Codes Individual ID Lists Paging Group Lists Mixed Mode by Channel AMBE+2 Vocoder RSSI Warning Alert Caller ID Display
Dual Band Capability	Optional Receiver	Optional Receiver
Frequency	134 – 174 MHz 380 – 450 MHz 400 – 470 MHz 450 – 512 MHz	134 – 174 MHz 380 – 450 MHz 400 – 470 MHz 450 – 512 MHz
Warranty	3 Years	3 Years