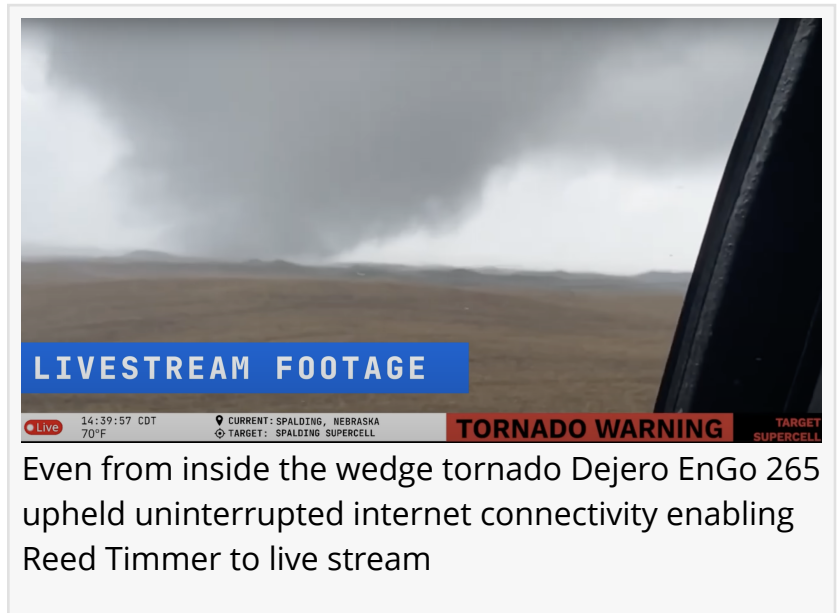


Dejero Critical Connectivity is Making History with Storm Chaser Reed Timmer Measuring Heartbeat of Nebraska Tornado

EnGo mobile transmitter with GateWay Mode provides supercharged internet connectivity for live streaming during historic intercept of Spalding, Nebraska tornado

WATERLOO, ONTARIO, CANADA, July 12, 2023 /EINPresswire.com/ -- [Dejero](https://www.einpresswire.com/2023/07/12/dejero-critical-connectivity-is-making-history-with-storm-chaser-reed-timmer-measuring-heartbeat-of-nebraska-tornado/) is enabling renowned storm chaser, Reed Timmer and his crew, Team Dominator, to push the boundaries of live streaming and scientific data collection from inside tornadoes and hurricanes, with the help of the EnGo 265 video mobile transmitter with built-in GateWay Mode.



Even from inside the wedge tornado Dejero EnGo 265 upheld uninterrupted internet connectivity enabling Reed Timmer to live stream

In Spalding, Nebraska, in May, Team Dominator captured a 55 mb pressure deficit with its microbarometer in what is being described as the best tornado intercept in US history. Even with winds between 160 to 170 mph, inside the wedge tornado, Timmer was privy to uninterrupted internet connectivity, upheld by the resilient Dejero EnGo 265 with GateWay Mode.

“

The GateWay Mode of this Dejero transmitter has been a dream come true for our live streaming platform inside the Dominator 3 as we are attempting to intercept tornadoes directly for science”

Reed Timmer, Extreme Meteorologist

Timmer’s armored vehicle, the Dominator 3, has been equipped with a Dejero EnGo since March 2023. The mobile transmitter not only provides live video transmission and encoding; its GateWay Mode also enables the storm chasers to access a supercharged internet hotspot from any location, even in the most challenging terrains.

“Our mission is to increase awareness of the dangers of a storm to the public, provide live alerts and status, gather scientific information, and continuously engage with our subscribers as we intercept a storm,” explains Reed Timmer, extreme meteorologist.

He says that video does this better than any other medium: “We often start with over 20,000 concurrent live viewers on [YouTube](#), Facebook, and other platforms, all wanting to see us execute our mission. If we lose the signal, our entire mission is at risk and viewers begin to drop off. Dejero’s reliable connectivity not only helps us to keep people informed about a tornado heading towards their town, it also enhances our brand and credibility as storm chasers.”



Dejero’s EnGo 265 with GateWay Mode is helping Reed Timmer to push the boundaries of live streaming and scientific data collection from inside tornadoes and hurricanes, as well as warning the public of impending dangers

With the EnGo’s GateWay Mode, ultra-reliable, high-bandwidth internet access is made possible from the Dominator 3 vehicle using Dejero Smart Blending Technology. In this case, the Dejero device is blending six cellular connections from network carriers AT&T, T-Mobile and Verizon to deliver enhanced reliability, expanded coverage and greater bandwidth. Dejero Smart Blending Technology is capable of blending multiple wired (broadband/fiber) and wireless (3G/4G/5G, Wi-Fi, satellite) IP connections.

Using GateWay Mode, live feeds from vehicle-mounted, handheld and drone cameras are transmitted from storm locations using an SRT / WebRTC / RTMP / NDI / RTSP / RIST streaming camera app to the Team Dominator production office located in Austin, Texas. There, graphics and context are added, and the packaged video is delivered as a continuous live stream to Reed Timmer’s internet subscribers.

“Thanks to our mobile streaming capabilities with Dejero, we have been able to reach about 20 million people a month during peak tornado season, and we hope to use this technology for hurricane season as well and continue streaming life-saving information to those in the path of these dangerous storms,” said Timmer.

The EnGo’s GateWay Mode also enables Timmer to transfer large hi-res video files from the field, after the live stream, for post-production editing and upload. Reed can also access important meteorological systems and scientific data via the internet, and his team can access it from multiple devices.

“The GateWay Mode of this unit has been a dream come true for our live streaming platform inside the Dominator 3 as we are attempting to intercept tornadoes directly for science,” Timmer says.

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About Dejero

Driven by its vision of reliable connectivity anywhere, Dejero delivers real-time video and networking solutions that provide resilient, uninterrupted internet connectivity for critical communications. Powered by intelligent network aggregation technology, Dejero combines diverse telecommunication networks including 4G/5G cellular, GEO/MEO/LEO satellite, and fixed broadband, to create a software-defined ‘network of networks’ managed in the cloud. The result is enhanced reliability, expanded coverage, and greater bandwidth for its global customers. Founded in 2008, privately-held Dejero is headquartered in Waterloo, Ontario, Canada. Learn more at www.dejero.com.

About Reed Timmer

Reed Timmer is known for embedding himself into some of the most severe weather storms and scenarios imaginable, so that he can research, report and warn others before natural disasters strike.

Reed intercepts tornadoes and hurricanes with his armored vehicle, the Dominator 3, and launches trackable meteorological sensors into their strongest winds. The Dominator team has deployed probes into tornadoes using drones, small aircraft, and even rockets, gathering measurements never-before-recorded on earth.

Reed has been featured on the Discovery Channel, National Geographic, Netflix, The Weather Channel, Disney, PBS, AccuWeather and more! Reed has featured on Jay Leno’s Garage, and worked with Richard Hammond, from Top Gear & Grand Tour.

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Images courtesy of Reed Timmer

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