



Helping Foil the "Bad Guys" at the Fuel Pump

Skimmers at gas pumps are a growing threat; in fact, one in every 10 U.S. fuel dispensers – or “pumps” as they’re commonly called – has been illegally tampered with to steal your credit card data!

To rip off customers, thieves install the skimming devices that allow them to record card information as unsuspecting customers fuel up. But thanks to Texas-based FlintLoc® Technologies, the bad guys don’t always succeed in their credit- and fuel-stealing ways.

Protecting the Flow



“Our mission is to provide technologies that stop the bad guys,” explains FlintLoc Co-owner and President Owen DeWitt. To help gas stations prevent fuel theft, he adds, “We have to be smarter than the crooks.”

To deliver on that promise, FlintLoc is working with DMP to provide his clients with a wireless dispenser-based solution. At the core of that solution is DMP’s XR550 panels and wireless transmitter technology.

“If there’s any unauthorized intrusion at any one of the panels on a dispenser, a sensor inside the

dispenser sets off an alarm and immediately trips power off, so no fuel at that dispenser can be pumped,” DeWitt explains. An alarm notification is also sent to the manager’s phone identifying which dispenser has been breached.

Without this wireless communication from the dispenser, DeWitt’s customers would need to lay trenches to run the security system’s designated electrical wires from the control panel inside the

store to each dispenser. However, with DMP’s wireless technology, he adds, “A wire doesn’t have to run to every dispenser – they’re totally independent.”

FlintLoc clients include some of the industry’s largest – and busiest – truck stops and convenience stores; in many cases, there are multiple dispenser islands spread across a large lot. Among FlintLoc’s customers is Sapp Bros. Convenience and Fuel Station, located in Harrisonville, Mo.

Here, local customers and over-the-road drivers traveling the nearby I49 can stop to purchase quality fuel. And, with all the conveniences of home plus a service center and certified scales for trucks,

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— OWEN DEWITT

it's guaranteed to be a busy place with tractor trailers coming and going all hours of the day and night. All of this "big rig" traffic can create a big problem for signal interference.

A Signal-Challenging Environment

"A busy truck stop can serve several dozen tractor trailers at once with a single diesel island having up to a dozen dispensers," DeWitt says. "When you line up 12 tractor trailers out there, the signal has to go up and over to reach the control panel. Plus, there's a lot of electrical equipment, which can also block signals."

But DeWitt and DMP engineers designed a system to get around those interferences.

"We're using the kind of high-security commercial-grade equipment that DMP has designed for banks, but they've made a few adjustments to work in our unique situation," DeWitt says. For instance, he adds, "We're using the strongest commercial-grade

receivers and repeaters to enhance the signal. By strategically placing the repeaters, we're getting the most robust defense against interferences."

For DeWitt, buying products designed and manufactured in America is important. "DMP's IT and engineering teams are as important as their components. Because we're a specialized niche, we get a lot of insight and help."

That kind of service is core to DMP's values. "We partner with our dealers to develop customer-driven solutions," says Mark Hillenburg, DMP Executive Director of Marketing. "As an important part of our values, we listen before we deliver. That's vital to our customer's satisfaction."

Thanks to DMP's credit card fraud protection technology, Sapp Bros. and other FlintLoc customers will continue to thwart thieves' efforts. [Check out this technology in action.](#)

About FlintLoc Technologies

As an industry leader in protecting fuel dispensers, FlintLoc's R&D team has decades of experience designing and integrating technologies for the big boys across the nation.



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About Sapp Bros.

In operation for more than 45 years, Sapp Bros., Inc. is a collection of 17 full-service, friendly travel centers stretched as far west as Salt Lake City, Utah to Clearfield, Pennsylvania in the east. Its Harrisonville, Missouri location at Exit 157 offers customers quality fuel, restaurants and other amenities, including a new Service Center, staffed by ASE certified technicians.



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