CTi

NO MORE ROADSIDE FAILURES

OUR NEW SMART ANTENNA WILL MONITOR YOUR BRAKES AND TIRES CELLULARLY TO KEEP YOU AWAY FROM MORE THAN 80% OF ROADSIDE FAILURE CAUSES.

What Is the Smart Antenna?

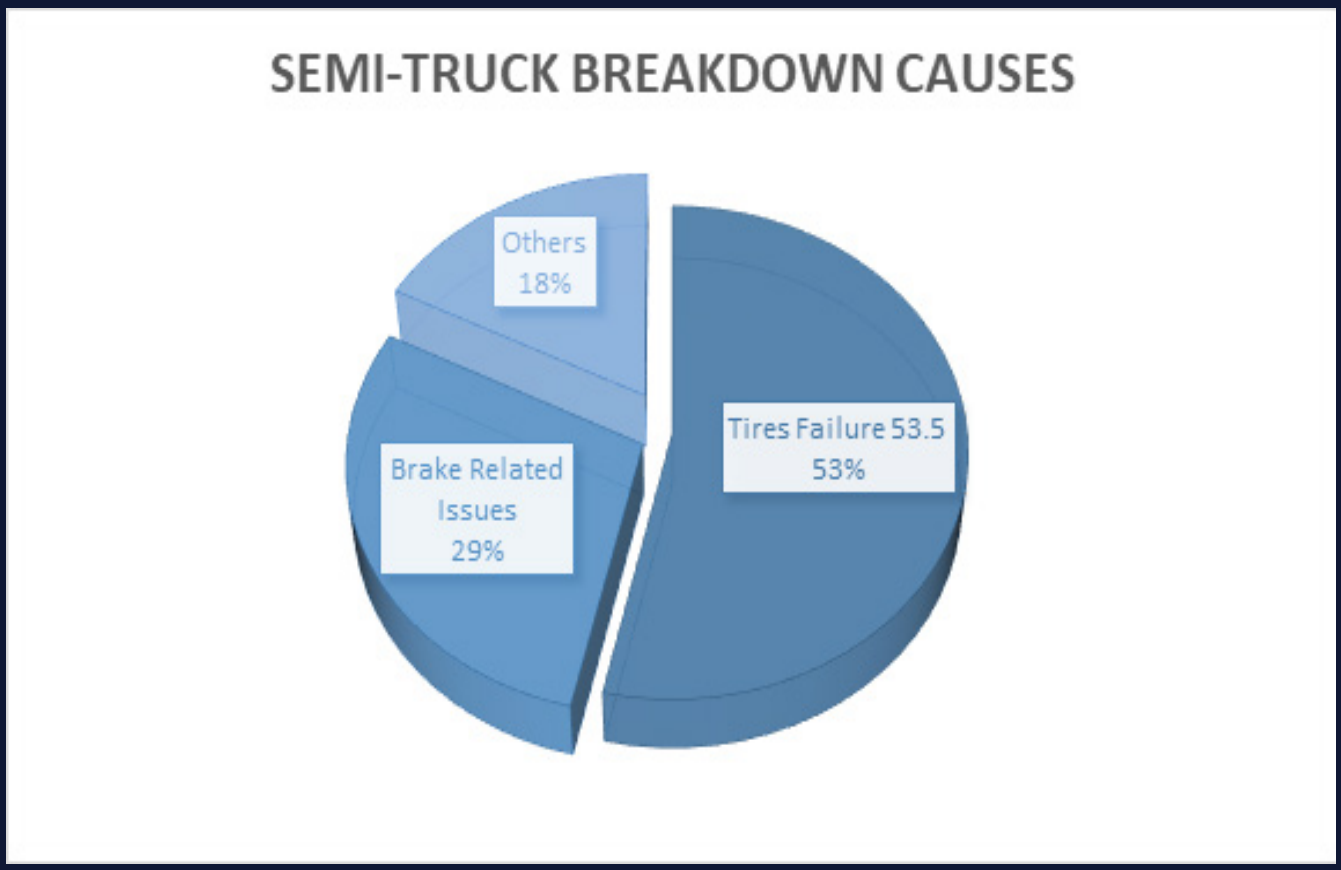
The Smart Antenna is a programmable cloud -based device, which can be connected to any electrical system to control or monitor it. It has digital input, digital output, and a Modbus/ Can bus .

Semi-Truck Breakdown Causes:

Roadside failures are hard to be predicted but knowing the most common causes of breakdowns helps avoiding most of roadside failures by monitoring and maintaining the parts that typically cause them. Based on statistics most roadside breakdowns are caused by tires or brakes related issues.

Facts and Statistics:

According to the Technology & Maintenance Council (TMC), 53.5% of roadside breakdowns are caused by tires and according to the Federal Motor Carrier Safety Administration (FMCSA), 29% of breakdowns are caused by brake related issues.



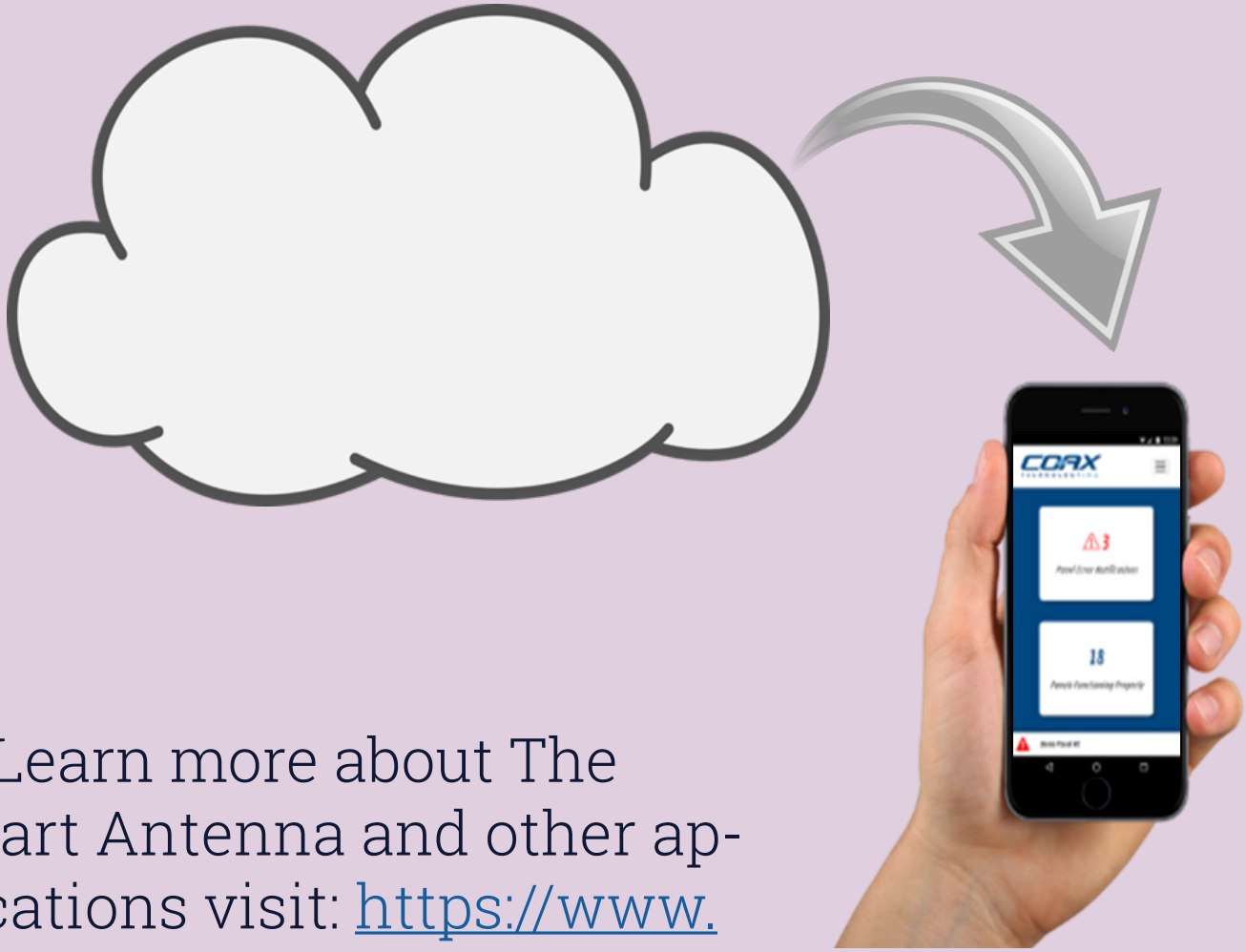
How our Smart Antenna Helps Preventing Roadside Breakdowns?

The Smart Antenna is a cellular device with a Cat. 5 cable, which has four colored twisted pairs of wires. Each pair of these four has its own function, input voltage, digital input, digital output and a Modbus/Can bus.

By connecting this antenna to the ECU of a truck the health conditions of the tires and brakes can be monitored cellularly. In case of any irregular condition it sends a signal to the nearest tower, which transmits the data to our control center, and it sends these data to the user's cellular device.

Conclusion :

The smart antenna is a cellular control and monitor device, that can be installed in any electrical system including Modbus and Can Bus – based systems. Semi-Trucks monitoring is one of the most important applications on the smart antenna that provides safety for semi-trucks and their drivers with a reasonable cost.



To Learn more about The Smart Antenna and other applications visit: https://www.ctismartsystems.com