

Telematics Features and Benefits

Equipment Category	Telematics Option	Function/Features	Alert Options	Benefit(s)
Brakes	12v Light Monitor (analog)	ABS Fault Monitoring	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ FMCSA violation reduction ✓ Identification of a critical fault ✓ Safety of braking equipment
Brakes	Stroke Monitor	Brake Stroke Monitoring	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Overstroke ✓ Dragging brakes ✓ Timing issues ✓ Imbalanced stroke
Brakes/Air	TPMS Sensor	Air Supply Monitoring	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Reduce brake drag ✓ Reduction in tank pressure ✓ Protect tires from flat-spotting ✓ Overall air health
Electrical	Light Sensors	Light Health	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Safe operation of equipment ✓ Reductions in FMCSA violations ✓ Predictive maintenance at next point
Electrical	Control Systems	Power Supply Monitoring	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Overall health of unit ✓ Moving with no power (critical ABS failure?) ✓ Potential telematics failure due to lack of recharge ✓ Loss of asset ✓ Predictive maintenance at next point
Equipment/System Temperature	TPMS Sensor	Temperature/Humidity	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Wheel wells ✓ Bumper compartments ✓ System temperature

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General	Electronic Hubometer	Mileage	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Preventive/Predictive maintenance ✓ Billing capability ✓ Trade cycle
General	ABS Reader	Mileage	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Preventive/Predictive maintenance ✓ Billing capability ✓ Trade cycle
General	GPS	Mileage	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Preventive/Predictive maintenance ✓ Billing capability ✓ Trade cycle
Tires/Wheels	12v Light Monitor (analog)	Tire Inflation	<ul style="list-style-type: none"> ▪ Email ▪ Light (local) ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Tire health/performance ✓ Reduction of failure in mating tire ✓ Fuel improvements ✓ Reduction in tire wear ✓ Reduced downtime of both chassis and motor carrier ✓ Preventive maintenance
Tires/Wheels	TPMS Sensor	Tire Inflation Output	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Monitor and report issues with inflation system to insure functionality
Tires/Wheels	TPMS Sensor	Tire Pressure/Temperature	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Identification of problematic tire ✓ Tire health/performance ✓ Reduction of failure in mating tire ✓ Fuel improvements ✓ Reduction in tire wear ✓ Reduced downtime of both chassis and motor carrier ✓ Preventive maintenance

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Tires/Wheels	Digital Temperature Sensor	Wheel End Health	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Reduce wheel end failures ✓ Dragging brakes ✓ Failed bearing reduction ✓ Loss of lubricant ✓ Predictive maintenance ✓ Uneven increase of temperature
Tires/Wheels	Bolt on Sensor	Wheel End Health	<ul style="list-style-type: none"> ▪ Email ▪ Text ▪ API 	<ul style="list-style-type: none"> ✓ Reduce wheel end failures ✓ Dragging brakes ✓ Failed bearing reduction ✓ Loss of lubricant ✓ Predictive maintenance ✓ Uneven increase of temperature ✓ Sensing of vibration to prevent issues.