



TRANSPORTATION IoT

New opportunities and risks for technology developers and manufacturers



BY AIR

Performance

Internet of Things (IoT) devices can improve day-to-day aircraft operations and maintenance

Fuel Efficiency

Analyzing flight data from IoT sensors can calculate flight paths to optimize fuel consumption

Customer Experience

IoT sensors can detect levels of passenger fatigue and dehydration



BY RAIL

Safety

IoT sensors can detect safety threats in real time and convey them to locomotive engineers

Predictive Maintenance

Routes equipped with sensors measure stress and condition of tracks

Timeliness

Sensors detect specific issues for swift resolution and timely operations



BY GROUND

Safety

Sensors can detect objects and automatically steer around them

Efficiency

Sensors on board trucks collect and share data for more effective fleet management

Improved Performance

Connected vehicles allow manufacturers to make wireless updates



BY SEA

Tracking

Global tracking via GPS, modem and SIM card replaces the need for physical inspections

Communication

Ship-to-ship communication can help determine efficient routes and avoid collisions

Logistics

Sensors help manage transport and logistics at busy ports, where space is limited

TAKE ACTION TO MANAGE THESE RISKS:

- 1 **Property damage.** If an IoT device has a defect or fails to function as intended, it could lead to property damage.
- 2 **Bodily injury.** If a device fails at any time to function as advertised, a device developer could be held liable for any injuries that result.
- 3 **Cyber risk.** IoT devices are prime targets of cyber criminals and hackers.

Discuss relevant insurance coverages with your Travelers representative, including coverage for cyber risks, bodily injury liability, technology errors and omissions, property and workers compensation.



“The IoT expressway of innovation: With transportation-related applications, the Internet of Things (IoT) presents technology companies with both opportunity and risk.”

DOWNLOAD THE WHITE PAPER TO LEARN MORE

VISIT: travelers.com/business-insights/industries/transportation/understanding-the-risks-of-transportation-iot



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