Spireon introduces Intelligent Trailer Management portfolio

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Spireon has unveiled Intelligent Trailer Management (ITM), which the company says builds upon its trailer management solutions to brings a new generation of intelligent tools to carriers.

"With the number of trailer sensors and technology systems available today, most fleets could be inundated with volumes of data and lack the resources to properly analyze and identify what will result in actionable insights," said Clem Driscoll of C.J. Driscoll & Associates, who recently published "Survey of Trucking Fleet Operator Interest in MRM Systems and Services 2019-2020," with a focus on smart trailer technology.

Spireon's [FleetLocate and the NSpire platform](#) are the cornerstone of this portfolio. Collecting over one billion data events per month, the company says that FleetLocate is designed to translate these data points into actionable intelligence.

Spireon says ITM provides:

- Smart sensor integration: Integration with proprietary and third-party smart sensors to increase trailer visibility, drive operational efficiency, mitigate maintenance costs and reduce CSA violations. Expanded sensor suites including Automatic Tire Inflation Systems (ATIS), Tire Pressure Monitoring Systems (TPMS), door sensors, temperature probes and more can be customized.
- Advanced IntelliScan platform: Enhanced architecture of Spireon's patented [IntelliScan](#) cargo sensing technology, which leverages time of flight lasers and optical imaging to deliver 99.9% cargo detection accuracy, Spireon says. Advanced feature sets allow for image capture inside the trailer to go beyond loaded/unloaded status into visualizing cargo and pinpointing when load status change or damages have occurred. It also includes volumetric analysis so less-than-truckload (LTL) carriers can maximize capacity.
- Enabling data sharing and custom analytics: Expanded ability to share data with customers via new APIs, extended TMS integration and data warehouse sharing via Spireon's partnership with Snowflake.
- Actionable intelligence: Leverages telematics and sensor data to generate new business intelligence, more advanced KPIs, dashboard visualizations and targeted maintenance modules.

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