

SINCE 1911



ELD BUYERS' GUIDE

Find detailed specs, features of 47 systems

CCJ'S TECH TOOLBOX

Driver recruiting goes mobile, social

page 41

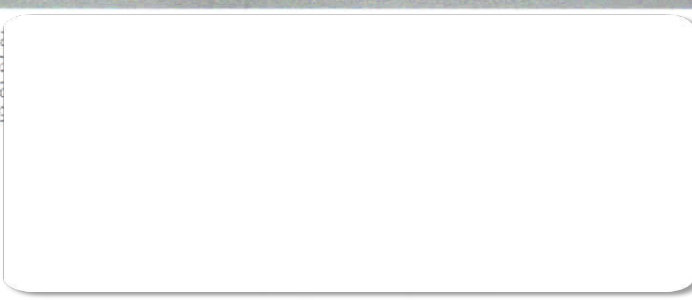
INNOVATOR of the YEAR

NUSSBAUM TRANSPORTATION

Measuring driver behavior improves fleet's safety, efficiency

Randall Reilly.

BUSINESS SOLUTIONS FOR TRUCKING PROFESSIONALS



ALT-FUEL COMEBACK?

Do higher equipment costs mean rebound?

page 53

IN BRIEF

- **Michelin Americas Truck Tires** is adding radio frequency identification technology to its commercial truck tire and retread lineup to help fleets manage tire maintenance and assets. The company also announced that its Tire Care maintenance program now has more features designed to provide fleets with greater visibility.
- **Rush Enterprises** is integrating its RushCare Service Connect communications and process management platform with both Cummins and Peterbilt SmartLink. RushCare Service Connect provides customers with an online on-demand 360-degree view of the service process for vehicles in Rush service departments.
- **Noregon**, a provider of vehicle data solutions, and **PeopleNet**, a provider of fleet mobility technology, announced an extension of their relationship to deliver a real-time health and safety monitoring solution for all heavy-duty truck makes and models. The initial focus will be to deliver a fault intelligence solution with integrated predictive analytics.
- **Velvac Inc.** and **Phillips Industries** announced a collaboration to offer TrailerLink, a connected vehicle solution designed to support robust and high-performance trailer-to-tractor video and data communications and connectivity. TrailerLink augments the traditional tractor-trailer 7-pin electrical connection with an additional ISO 15-pin cable connection.
- **Aperia Technologies** and **FlowBelow Aero** announced a partnership that allows a FlowBelow Tractor AeroKit wheel cover to attach over Aperia's Halo tire inflation system, helping a wheel end earn the fuel savings of both products.
- **TruckLite Co.**, a provider of heavy-duty lighting and visibility systems, announced a partnership with NanoMech Industries, a provider of nanotechnology that helps facilitate corrosion resistance in materials. The companies will collaborate on a line of products designed for increased resistance to electrical malfunction, corrosion and oxidation.
- **Hendrickson** launched Hendrickson Academy, an interactive online education portal designed to provide fleet and service technicians with video-based maintenance and repair procedures for the company's suspensions and components. For more information, go to Hendrickson-Academy.com.

Cummins launches connectivity features

Cummins announced several new features in its effort to optimize maintenance procedures and lower cost of ownership for its fleet customers.

Cummins OilGuard, first mentioned at the launch of the company's new X15 heavy-duty engine last summer, now is available. The engine oil analysis program is free to customers who sign up for and receive oil sample kits to send back to the company's laboratory for analysis. Cummins personnel make recommendations on oil drain intervals.

The company also introduced its Connected Advisor, a program that provides support in interpreting engine issues and improving operational efficiency with time-to-service recommendations for both critical and noncritical issues.

Cummins also introduced Connected Software Updates, allowing over-the-air programming of X15 engines to help improve fleet management and enhance engine performance. Cummins said it is working to allow OTA programming of previous-generation engines with onboard memory.

The company debuted Cummins Guidanz, a mobile app for iOS and Android devices that leverages cloud computing technology and allows customers with in-house service centers to read fault codes for 2007 and newer engines. The solution uses a nine-pin Inline mini Bluetooth adapter that plugs into the SAE J1939 interface and provides information for operations managers or service providers.

— Jeff Crissey



The Cummins Guidanz app provides engine fault code information and other diagnostic data on iOS and Android mobile devices.

Volvo, Mack go OTA for new trucks, engines

Volvo Trucks North America introduced Remote Programming, an expansion of its Remote Diagnostics platform that allows over-the-air powertrain software and vehicle parameter updates across North America anywhere a cellular network is available. The system will be available this summer for all Volvo trucks equipped with Volvo-powered 2017 GHG-compliant engines.

Likewise, Mack Trucks announced Mack Over The Air software updates for upcoming 2018 model-year trucks equipped with GuardDog Connect telematics hardware and 2017 Mack engines.

Volvo's engine software updates can be done during a driver's rest break. Fleet-specified vehicle parameter updates, such as speed limit settings, can take five to 10 minutes.

Mack's OTA programming enhances its GuardDog Connect platform that provides proactive monitoring and repair planning, enabling real-time diagnosis of issues, scheduling of repairs and confirmation that parts are in stock.

— Jeff Crissey



Executives acknowledge the possibility of OTA capabilities for certain earlier-model tractors equipped with Volvo power.



Mack's service will allow OTA programming for powertrain components and certain vehicle parameters as duty cycles change.

INBRIEF

- **MacroPoint** announced a partnership with Eminent Global Logistics, an Oracle PartnerNetwork member, to integrate its load tracking software with Oracle Transportation Management solutions to provide clients with real-time locations and status updates of freight movements.
- **Orbcomm**, a provider of machine-to-machine and Internet of Things communication systems, announced that J.B. Hunt Transport Services (CC/Top 250, No. 6) selected its telematics system to track and monitor the location and status of its 90,000-plus intermodal and over-the-road trailer fleet. Each unit will be equipped with a solar-rechargeable GPS tracking device and an interior sensor to determine the presence or absence of cargo.
- **MacroPoint** announced that Schneider Transportation Management, the brokerage division of Schneider National (CC/Top 250, No. 8), selected its automated load tracking solution for the more than 25,000 carriers in its pool. STM integrated MacroPoint with its MercuryGate transportation management software solution.
- **Pit Group** announced that C.R. England (CC/Top 250, No. 19) has become a fleet member of its testing organization to help identify opportunities to save fuel, improve equipment longevity and realize a lower total cost of ownership.
- **EpicVue**, a provider of in-cab satellite TV packaged for the trucking industry, announced that Navajo Express (CC/Top 250, No. 121), a Denver-based refrigerated hauler, is installing more than 1,000 systems in its growing fleet.
- **PeopleNet**, a provider of fleet mobility technology, announced that Jacksonville, Fla.-based Florida Rock & Tank Lines (CC/Top 250, No. 168) will install its in-cab technology in its nearly 500 trucks. FRTL, which transports petroleum and other liquid and dry bulk commodities throughout the southeastern United States, will use PeopleNet's customized Tanker Workflow throughout its operations.
- **SmartDrive Systems**, a provider of driving performance systems designed to reduce collisions and improve fuel efficiency, announced that Arnold Transportation Services, a Grand Prairie, Texas-based regional truckload company, selected and deployed its video-based safety program.

Phillips launches Connect Technologies division

Phillips Industries announced the launch of Phillips Connect Technologies, a new company division intended to bring Internet of Things-like technology to trailer safety and security. PCT includes a suite of open-platform systems developed using plug-and-play connectivity that can work with sensor-driven components supplied by various component manufacturers.

The company announced two PCT platform systems with the promise of more in the future.

Connect:Security features the company's Trailer Lock-Down system that locks trailer air brakes when power is disconnected from the tractor. The brakes are unlocked only when dispatch sends a PIN code to the driver's smart device, which is connected directly to the PCT control box via Bluetooth, WiFi or cellular. The system also includes a remote trailer door lock and camera surveillance that will alert fleet managers and drivers via smart device notification when a thief attempts to open the trailer door.

Connect:Diagnostics collects sensor data from trailer components and broadcasts them to the driver, fleet manager and trailer OEM and delivers real-time information about components that may be reaching a critical level before they fail.

Phillips is finalizing prototype production and will begin fleet-testing this year with the hope to introduce PCT to market in early 2018.

– Jeff Crissey



TRAILER TECHNOLOGY, REIMAGINED

PCT includes a suite of open-platform systems developed using plug-and-play connectivity that can work with sensor-driven components.

Mitchell1 touts comprehensive shop management software solution

Building on its product suite of repair information and shop labor software solutions, Mitchell1 launched its Manager SE Truck Edition shop management software for independent repair shops that service all makes of Class 4-8 trucks. The new software platform is designed to provide a complete shop management solution for the medium- and heavy-duty repair shop market based on Mitchell1's automotive repair shop management software.

Scott DeGiorgio, Mitchell1 general manager, said the product is the result of two years of development in response to overwhelming demand from independent repair shop customers. "This provides the aftermarket shop the ability to compete at the dealer level," DeGiorgio said.

Manager SE Truck Edition integrates with existing Mitchell1 software to provide a robust portfolio of business tools that can generate more than 250 reports and tracking metrics, including repair orders, purchase orders, invoicing, customer and vehicle information, vehicle maintenance history, scheduling to maximize bay throughput, service recommendations and more.

– Jeff Crissey



Scott DeGiorgio, Mitchell1 general manager, discusses the features of the company's new Manager SE Truck Edition shop management software.