International Newsroom

International Truck Introduces More Powerful Electronics and Enhanced Diamond Logic Features

Industry Leading Electronics System Makes Trucks on the Road More Productive

INDIANAPOLIS, March 4, 2015 /PRNewswire/ -- International Truck today announced a new body control module in conjunction with enhanced Diamond Logic® features. The new body control module, designed in line with Society of Automotive Engineer (SAE) 500k baud standards, will expand customer and truck equipment manufacturer electronics capabilities, driving more uptime. The new design will deliver six times the current processing speed for truck and body electronics, add sixteen more input/output slots for equipment manufacturers, and provide three additional data links to expand truck capabilities, and will be built in production starting in November 2015.

"Our Diamond Logic electrical system is best known for its ability to provide control and communication between work trucks and body equipment," said John McKinney, senior vice president, Sales and Marketing, International Truck. "We want our customers to experience the highest level of uptime in the industry, and that's why we are taking electronics to the next level."

As a result of the new body control module design, new Diamond Logic features will be made available to increase uptime for customers. These new features include:

- **Intelligent Start** – single ignition activation on the key is all that is required and the vehicle will manage starting the engine automatically. The starter motor is disabled the moment the engine starts, which prevents over cranking and overheating to extend starter life.
- **Programmable Real Time Starting** – International® trucks can be programmed to start prior to the driver's arrival at specific time each day, ensuring the vehicle is warmed up and ready for operation. With real time starting, drivers can save time and effort, and fleets can increase

productivity.

- **Auto Start-Stop** – Auto Start-Stop not only reduces idle time and saves on fuel but allows vocational customers to recharge batteries automatically, or heat the cab for drivers without continuously running the engine.

All International medium-duty and vocational trucks are equipped with the Diamond Logic Electrical System, which offers nearly 200 factory available body integration and driver efficiency features, plus the ability to customize infinitely more vehicle functions.

International Truck has been a pioneer in custom programmable chassis electronics and multiplexing since 2001 and has continued to closely partner with end users and body builders to further increase productivity. Diamond Logic helps medium-duty and vocational truck owners work smarter, faster and safer, while also preventing drivers from inadvertently damaging valuable equipment. With capabilities such as automated pre-trip inspections, headlights on with wipers, equipment safety alarms and interlocks, and factory installed programmable switches, Diamond Logic maximizes ease of body integration and helps deliver a number of smart, customizable features.

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