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Trimble Introduces LOADRITE 360 Loadout Management System for Quarries

Loadout Automation Between the Loader and Scale House Provides Improved Efficiency, Visibility and Invoicing

SUNNYVALE, Calif., April 24, 2015 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today the availability of Trimble LOADRITE® 360 for loadout automation and reporting for quarry loadout activities. The LOADRITE 360 (LR360) system consists of a wheel loader onboard scale, an automated communications connection and a performance reporting tool. The system provides a 360-degree view of quarry loadout operations between the loader scales, scale house and quarry manager.

LR360 can reduce fuel and maintenance costs by avoiding unnecessary idling of loaders and trucks in loadout. It also provides quarries with increased truck visibility to ensure that its trucks are loaded to capacity in the shortest time possible.

Two-way automated communication shows jobs requested at the scale house as a job list on the scale inside the loader cab, and completed loadout data is fed directly into the scale house ticketing system. This reduces double entry work and data entry errors for both the operator and the scale house attendant. Accurate on-screen job data reduces error-prone verbal communications and allows more time for loading.

Trimble's LR360 uses shared visibility of payload data, job data automation and performance metric tracking to highlight opportunities for improvement. The performance reports track loader metrics including tons per hour (TPH) across multiple or individual loaders, actual time spent on truck loading activities and loader operator efficiency to highlight staff training needs. With the InsightHQ reporting option, managers can monitor site production and performance anywhere at any time. InsightHQ also allows centralization of data from excavator and belt scales.

"LR360 is first and foremost a tool to improve the accuracy and speed of loadout operations. But it can also reveal hidden improvement opportunities," said Johan Smet, general manager of Trimble Loadrite. "LR360 enables users to drill into production data to see individual trucks, loaders or even bucket-by-bucket data to identify cost leakage."

The LR360 in-cab indicator clearly presents a list of loadout jobs in order of priority by truck ID. By providing simple, relevant and prioritized job data to the operator, they are empowered to complete jobs faster across the site with no loss in loading accuracy. The list also provides richer loadout job queue data to reduce verbal communication errors and truck waiting time.

For loader operators and site managers who already rely on LOADRITE scales, the LR360 will be familiar with a similar keypad and operation. The LR360 provides accurate and consistent weighing, and powerful data management tools for investigating operations improvement.

Availability

LOADRITE 360 for loadout is available now from LOADRITE Authorized Distributors worldwide, including SITECH® Technology Dealers.

About Trimble Loadrite

Since 1979, Loadrite, previously Actronic Technologies, has been designing, developing and manufacturing applied technology solutions to improve productivity in the aggregates, mining, waste management, forestry, and other industries. Loadrite is a leader in the field of measurement, and was acquired by Trimble in June 2013. Loadrite load weighing technology and payload information systems are installed on wheel loaders, excavators, garbage trucks and other heavy loading equipment to ensure optimal loads, and provide quality data for productivity analysis.

For more information, visit Loadrite at: www.loadritescales.com.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics,

Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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