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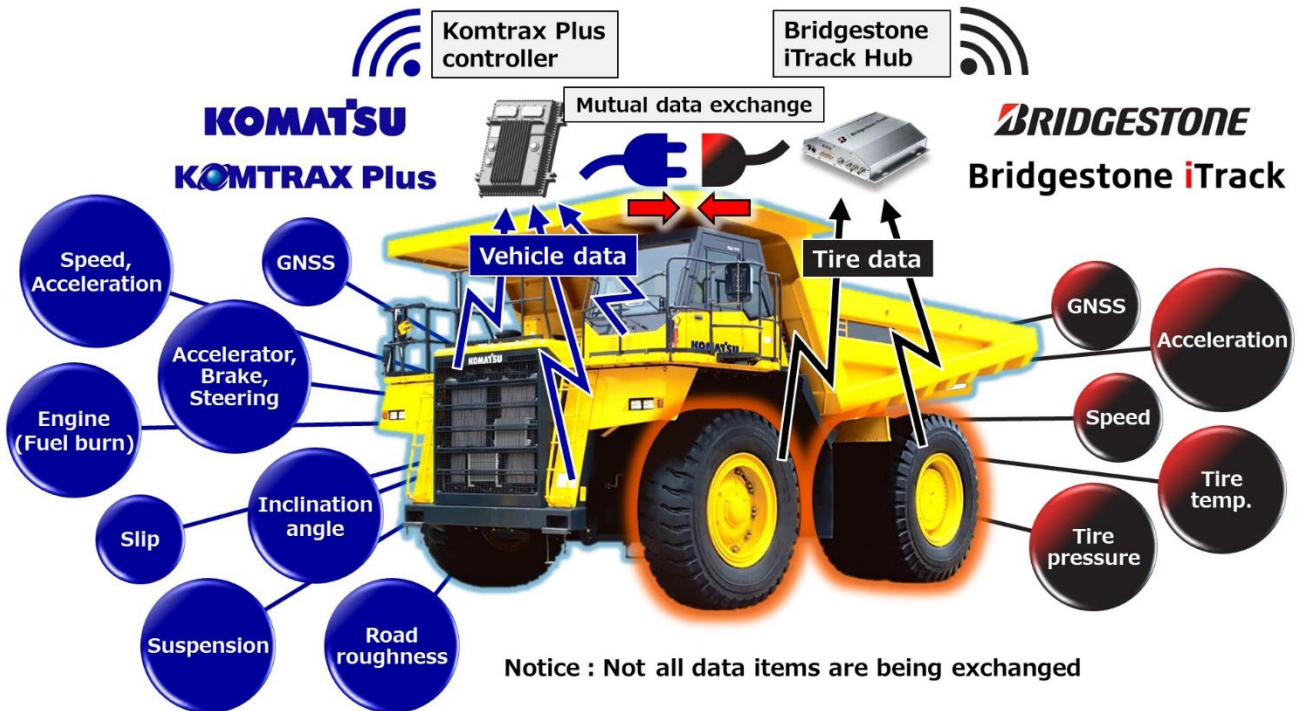
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KOMATSU and Bridgestone launch a collaborative initiative to provide new solution services for mining operators

Contributing to the optimization of mining operations

Tokyo (February 5, 2025) — Komatsu and Bridgestone Corporation (Bridgestone) have launched a collaborative initiative and started field verification aimed at providing new solution services to mining operators. The new program works through the real-time exchange and analysis of vehicle data from Komatsu's large machinery management system, "Komtrax Plus,"^{*1} and tire data from Bridgestone's advanced tire monitoring system for mining vehicles, "Bridgestone iTrack"^{*2}. By utilizing this data to provide insights on the proper use of tires, the program enables customers to improve fuel efficiency of mining trucks and use its premium tires safer, longer, better, and more efficiently. Based on the results of this field verification, the two companies plan to co-develop additional unique services that would not be possible without collaboration.

[Image of data exchange between Komtrax Plus and Bridgestone iTrack]



Through this collaboration, we aim to solve the challenges in severe mining operations by combining expertise of Komatsu and Bridgestone. Tire failures and vehicle stoppages caused by external factors can negatively affect efficient mining operations because of operational downtime and unplanned, tire replacement before worn out. By integrating vehicle and tire data, Komatsu and Bridgestone strive to quickly identify the causes of failures and implement appropriate emergency measures and preventive actions to minimize downtime. Through the partnership, several key factors that significantly impact fuel efficiency will be analyzed, including: 1) unique features of the mining site (such as slope and road surface), 2) vehicle usage conditions (such as driving route, speed, and load), and 3) tire specifications (pattern and material). Komatsu and Bridgestone will analyze this data to help fuel cost reduction.

Bridgestone recently launched its mining solution, "Smart On-site"^{*3} which is tailored to each mining site to optimize its operation. The solution is designed to drive value through a combination of a Dan-Totsu^{*4} product, the Bridgestone MasterCore^{*5} tires designed for mining vehicles, and real-time data obtained from the Bridgestone iTrack system such as tire temperature, air pressure, vehicle location, and speed. These efforts will help Bridgestone contribute to customer operational excellence by amplifying the value of the Dan-Totsu products, the trust with our customers, and the data value.

Komatsu and Bridgestone are committed to optimizing Total Cost of Ownership through safety and productivity enhancement for mining operators. In addition, the two companies aim to help reduce CO2 emissions and improve resource productivity by minimizing unnecessary fuel and tire consumption.

Comments from Shingo Hori, Executive Officer Vice President, Mining Business Division at Komatsu: "Through this collaboration, we will be able to provide a new DANTOTSU solution that combines Komatsu's expertise in machinery with Bridgestone's tire expertise—something neither company could achieve alone. We are thrilled to establish this partnership with Bridgestone and engage in such collaborative efforts. Moving forward, both companies will accelerate our co-creation initiatives to generate new value and become even more valuable partners for our mining customers."

Comments from Nobuyuki Tamura, Executive Vice President and Representative Executive Officer, BRIDGESTONE EAST CEO, Concurrently G-MICA (Global Mining, Industrial, Construction, and Aviation Tire Solutions Business):

"We are very pleased to work with Komatsu as a partner to create new customer value in response to our customers' challenges. Through the further evolution of our mining solution, 'Smart On-site,' developed in partnership with Komatsu, we will contribute to enhancing the safety and

productivity of our mining customers."

Bridgestone is committed to amplifying social and customer value based on co-creation, aligning with our corporate commitment, the "Bridgestone E8 Commitment,"^{*6} which emphasizes: 1) Efficiency—supporting mobility and maximizing operational productivity, and 2) Ecology—promoting sustainable tires and solutions to ensure a better environment for future generations.

*1 Komtrax Plus: A management system standardly equipped on Komatsu's large machinery for mining, enabling real-time acquisition of vehicle health and operational status.

*2 Bridgestone iTrack: A tire air pressure monitoring system specifically designed for tires used on mining vehicles, provided by Bridgestone. This system integrates tire temperature and pressure data with vehicle location information and speed, allowing for comprehensive data acquisition and monitoring.

[Bridgestone Acquires iTrack Solutions Business from Transense Technologies](#)

*3 Bridgestone exhibited at MINE expo 2024, showcasing value creation through the new mining solution "Smart On-site."

*4 "Dan-Totsu" refers to Bridgestone's direction to be the clear and absolute leader.

*5 On August 7, 2020, Bridgestone announced the Bridgestone MASTERCORE tires for construction and mining vehicles, which contribute to improving mining productivity.

*6 Bridgestone established its corporate commitment, the "[Bridgestone E8 Commitment](#)" to realize its vision: "Toward 2050, Bridgestone continues to provide social value and customer value as a sustainable solutions company." This commitment will serve as the axis to drive management while earning the trust of future generations. The "Bridgestone E8 Commitment" consists of 8 Bridgestone-like values starting with the letter "E" (Energy, Ecology, Efficiency, Extension, Economy, Emotion, Ease, and Empowerment) that it will commit to creating through Bridgestone-like "purpose" and "process", together with employees, society, its partners and customers to realize a sustainable society.

About Bridgestone Corporation:

Bridgestone is a global leader in tires and rubber building on its expertise to provide solutions for safe and sustainable mobility. Headquartered in Tokyo, the company employs approximately 130,000 people globally and conducts business in more than 150 countries and territories worldwide. Bridgestone offers a diverse product portfolio of premium tires and advanced solutions backed by innovative technologies, improving the way people around the world move, live, work and play.

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