

BRIDGESTONE

Mining Solutions



Bridgestone iTrack

Bridgestone's Subscription-Based Next Generation Mining Monitoring System Delivers Real-Time Tire and Vehicle Analytics.

Bridgestone iTrack SPECIALIZED FEATURES

ACCELEROMETER DATA



- Avoid downtime from excessive sidewall lateral force induced damage.
- Analyze operator performance (braking/acceleration/cornering).
- Assess mine-site's road cambers, corner speeds and overall efficiency.

GEOFENCING



- Analyze and control time spent in specific zones (Truck Idle Time).
- Prevent over-speeding in corners and slopes to reduce tire stress.

TMS ALERTS



- Early detection of pressure leaks.
- Prevent tires from carrying dual load by detecting flat damage.
- Adequately manage slow leaks with regular top-ups until planned maintenance.

SCHEDULED MAINTENANCE



- Reduce maintenance downtime by reducing manual pressure checks.
- Prioritize truck maintenance base on severity of services.

MINIMIZE MECHANICAL FAILURES

Use of tire data to determine additional truck issues:



- Suspension strut failure.
- Dragging brakes - create excess chamber heat.
- Exhaust misalignment - adding unwanted heat to the tires.
- Load distribution - pressure compensation (front/rear balance).

AVOID HEAT RELATED STOPPAGES



- Heat Maps - Switch trucks to cooler routes.
- Elimination of thermal separations.
- Replace TKPH monitoring with live 24/7 temperature data.
- Delta between TKPH limits and live temperature = increase in production.

BRIDGESTONE COMMERCIAL

See your Bridgestone representative for more information.

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"Best-In-Class Service" is based on the largest number of dealers in the commercial tire dealer network in U.S. found on www.commercial.bridgestone.com. As compared to the 2022 U.S. Replacement and Retreaded Medium/Heavy Truck Tire Brands with similar market share as listed in the January 2023 Modern Tire Dealer (page 34).



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Solutions for your journey