

## Machine Intervention System

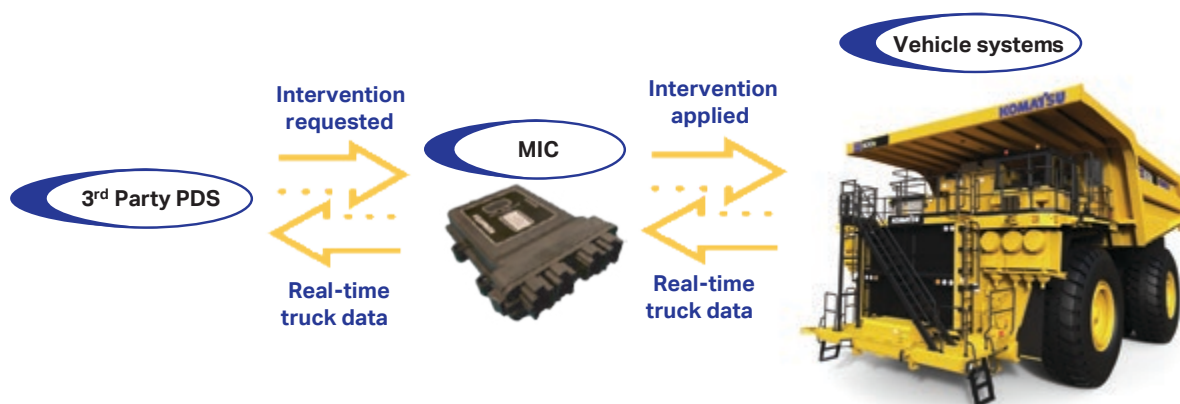


You can get more from your Komatsu truck and a third-party proximity detection system (PDS) when you enable them to work smoothly together. That's why we developed the Komatsu Machine Intervention System (MIS).

The MIS contains a Komatsu Machine Intervention Controller (MIC) that connects to the truck's controller area network and provides an interface between a third-party PDS and the vehicle's systems. The MIC receives information from the truck's drive system, interface module and

payload monitoring system, then provides real-time vehicle status to the third-party PDS. When you set specific parameters within the mine in the PDS, a signal can be transmitted to the MIC to apply a specific intervention if conditions are not met.

An indicator panel and audible warning alarm system installed in the cab provide the operator with feedback to monitor intervention status and overall system health.



# Vehicle data and PDS working smoothly together

## Kit includes all equipment for Komatsu haul trucks to interface with third-party PDS, including:

- Machine Intervention Controller
- Electrical wiring harnesses
- Status indicator panel
- Control relays
- Hydraulic manifold and hoses
- Mounting hardware

## Intervention options

- Service brake application
- Hoist inhibit
- Retarder application
- Starter cranking inhibit
- Prevent forward and reverse
- Propel engine shutdown

## Real-time data reported

- Time and date
- Gross Vehicle Weight (GVW)
- Machine model
- Accelerator and retarder application
- Faults
- Retarder feedback voltage
- Cruise control state
- Front service brake apply percent
- Truck speed
- Current key switch position
- Inclinometer data
- Current body position
- Active interventions
- Shifter position
- Direction of truck movement
- Override switch position

For more information, including current model availability, contact your Komatsu regional parts sales manager.

\*This document includes information for the features and functionality available in the current release of the Komatsu Machine Intervention System. Please refer to the operation and maintenance manual for full instruction and applicable operation warnings.

Product designs, specifications and/or data in this document are provided for information purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are Komatsu's standard written warranties, which will be furnished upon request.

Komatsu and other trademarks and service marks used herein are the property of Komatsu Ltd. or its subsidiaries, or the respective owners or licensees.

**KOMATSU**

[komatsu.com](https://www.komatsu.com)

