



DATA



## An industry leading Fleet Management System for mining applications

PBE Fleet is a suite of specialized software modules running on a ruggedized computing platform, which is installed on-board the mining fleet with GPS and wireless mesh capabilities. PBE Fleet links on-board vehicle systems back to the office for real-time management of your fleet. Operators also engage directly with the FMS through the in-cab screen.

The same display is also used for PBE's 'PAS' Collision Avoidance System, providing a true integrated system to improve safety and increase productivity.

This data is sent via the PBE Fleet network to the server for real-time (network dependent) access to site personnel for on-demand and scheduled reporting. ♦

PBE Fleet extracts, records and presents crucial operational data for the monitoring and management of a mining fleet.

This enables all levels of the mining operation to have the knowledge to support quick and effective decisions.



# PBE

INNOVATING SAFETY.  
POWERING PRODUCTIVITY.

[pbegrp.com](http://pbegrp.com)



PBE Fleet enables real-time production decision-making by monitoring and recording each step of the haul truck load cycle, both in cab and remotely. It also supports proactive maintenance regimes to reduce the effect of in-service failures and unscheduled downtime. PBE Fleet can help improve machine availability while decreasing maintenance and lost production costs associated with in-service failures.

## PRODUCTION

Enables real-time production decision-making by monitoring and recording each step of the haul truck load cycle. Remote access and overview across the site on a vehicle-by-vehicle basis.

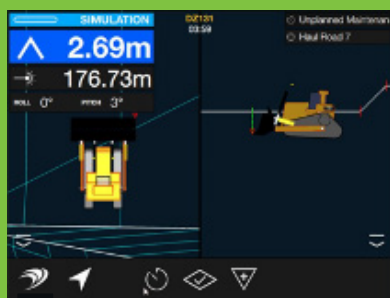
Via the in-cab display, a variety of data is provided directly to the vehicle operator including individual load pass and total tonnage, BCM, Material, Location, Activity, Centre-of-gravity data, Shift statistics etc.



## MAINTENANCE

Allows decision makers access to real-time data of equipment's health and events through our interface to on board vehicle management systems.

This supports proactive maintenance regimes to reduce the effect of in-service failures and unscheduled downtime. The data can then be visualized and analysed graphically, presented on real-time dashboards and viewed in user friendly reports.



## GUIDANCE

The guidance module increases operational accuracy by providing the vehicle user easy to understand information, while minimising operator distraction.

The system improves payload distribution, accuracy of dig location and overall material management.

Team	Score	Rank	Home	Away	Diff	Goal	Rate
USA-USA	100-100	1-1	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	2-2	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	3-3	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	4-4	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	5-5	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	6-6	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	7-7	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	8-8	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	9-9	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	10-10	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	11-11	<div><div></div></div>	<div><div></div></div>	0	0	100%
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USA-USA	100-100	49-49	<div><div></div></div>	<div><div></div></div>	0	0	100%
USA-USA	100-100	50-50	<div><div></div></div>	<div><div></div></div>	0	0	100%



## BENEFITS

## Production Data

- Individual load pass and total tonnage
- Battery charge monitoring (BCM)
- Material
- Location
- Activity
- Centre-of-gravity data
- Shift statistics
- Second gear re-weigh

## Maintenance Data

- Fuel levels
- Engine hours
- Machine events and temperatures

## Guidance Benefits

- Machine guidance to improve operational accuracy
- Compliance with design surface
- Improve payload distribution, accuracy of dig location and overall material management

## About Us

PBE Group ("PBE") provide an adaptive and flexible integrated solution where a reliance on safety and productivity is essential. PBE is a true global systems provider for the mining, tunnelling, construction and associated markets. Our specialised engineering team integrates our industry specific manufactured products and best in class 3rd party products to ensure a sophisticated, robust and commercially viable solution. Our growth in international markets is based on the key verticals of Technology, Power and Service Delivery – fundamental in any industrial project. Our experience in confined space and underground construction has enabled PBE to complete over 850 projects in more than 60 countries with 320 staff and 18 regional offices.

## Disclaimer

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PBE/PBE-FLEET/V.1/2020

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