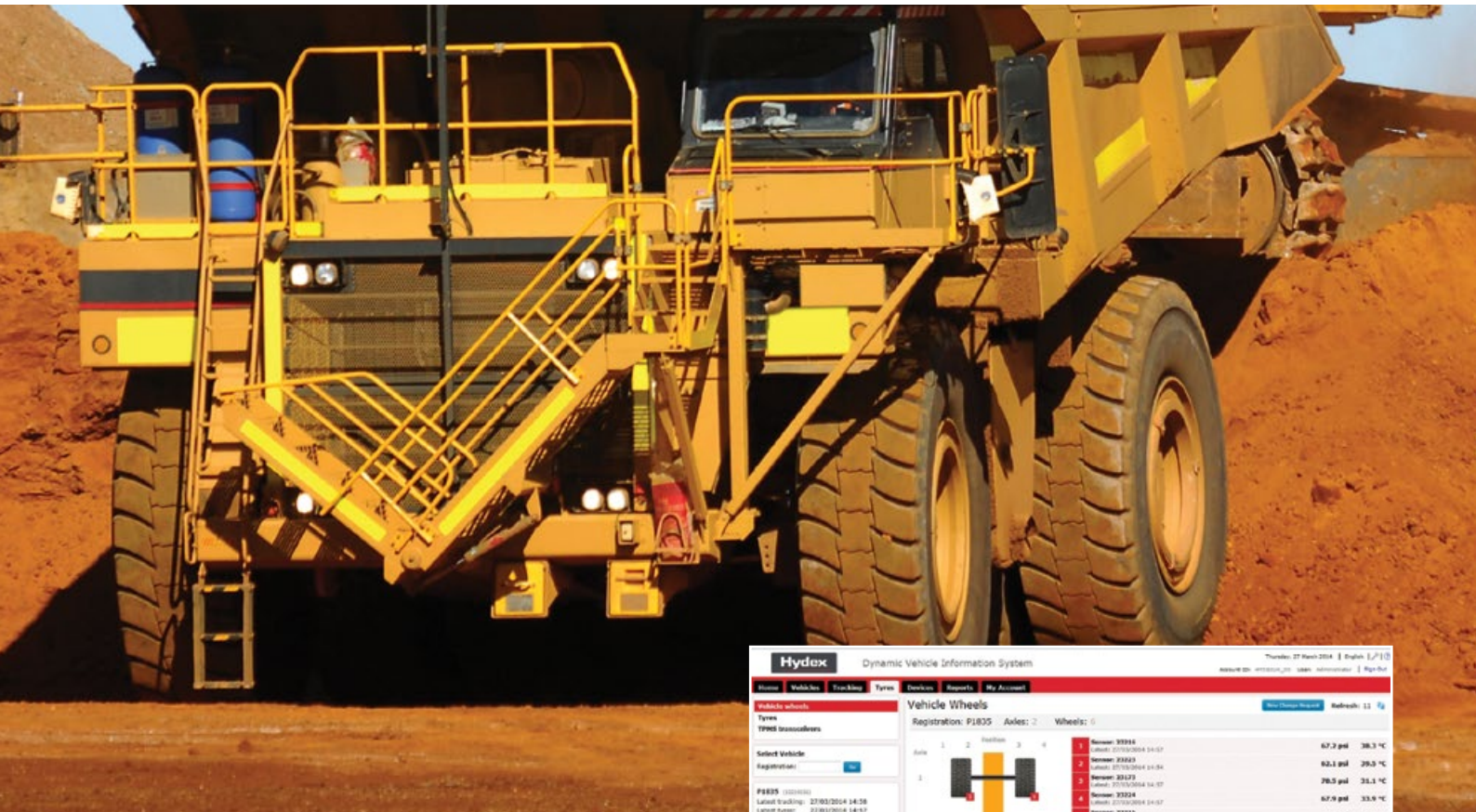


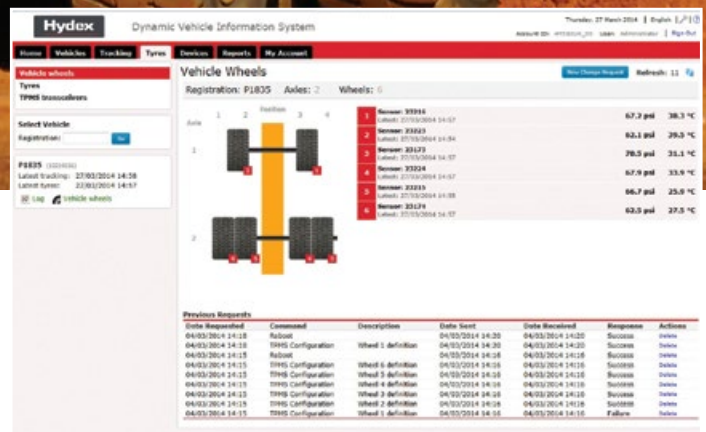
# Hydex

## HyTrack Tyre Monitoring System



**HyTrack** is a tyre monitoring system and provides a rugged and reliable solution with a range of features that allows mine and construction operators to track their vehicle's tyre temperature and pressure, speed, braking and location in real-time and to receive early warning of potential problems or hazards.

This live data allows swift remedial action to be taken, which can be the difference between safe operation and a major incident.



By ensuring the vehicle's tyres are operating within recommended temperature and pressure limits, **HyTrack** brings increased levels of safety to both the vehicle operators and the technicians that work on them.

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# Your Application : Our Solutions

From a commercial perspective, by ensuring that tyres are correctly inflated, tyre life is extended and costly downtime from repairs and intervention is reduced, improving productivity.

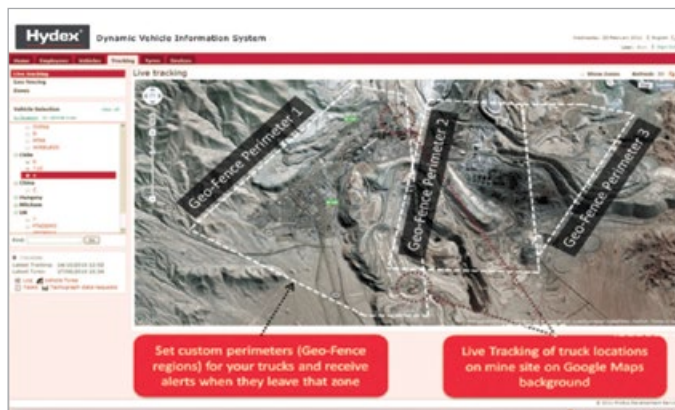
Alarms trigger when user configurable operational threshold levels, such as tyre temperature, are exceeded, providing early warning of potential tyre or vehicle failure.

## Features

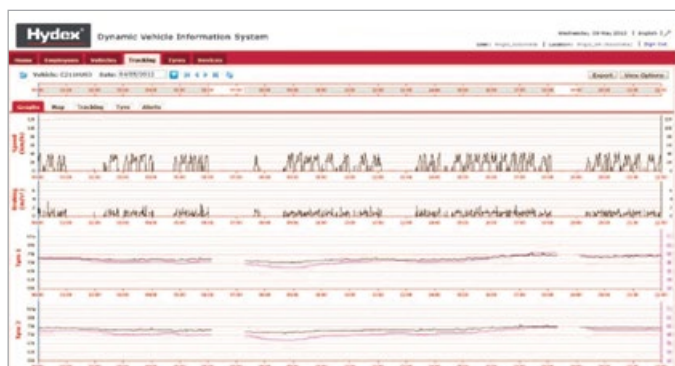
- Real-time temperature and pressure monitoring
- Live tracking of vehicle status and location
- Geo-fencing
- Real-time email/SMS alerts
- Wi-Fi and GSM enabled
- TKPH and cycle counter
- Hermetic sensors – impervious to liquids and chemicals
- User configurable alarms and automated alerts
- Remote monitoring via web or mobile device
- Update map overlays as mine footprint changes
- Independent system without restrictions to particular tyre manufacturers.

## Key benefits of HyTrack include:

- Improved driver and technician safety
- Increased productivity
- Helps to detect mechanical failure
- Extend tyre life/hours view actual TKPH
- Improve fuel efficiency (up to 8% improvement and 10kph increase on the speed of haul roads).



Geo-fencing ensures that your fleet stays inside boundaries that you define.



Real-time pressure and temperature monitoring alerts the operator of any problems associated with the tyres.

Statement made by Anglo American at the ICCM\* conference in Santiago 2012:

“...fitting active tyre pressure and temperature systems increased tyre life from 5,000 hours to 8,000 / 9,000 hours.”

\*ICMM – International Council on Mining and Minerals

# Hydex

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Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

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