

# BELL FLEETM@TIC<sup>®</sup>



Fleet management just got smarter

**BELL**

**A definitive  
management tool  
that adds real  
value to your  
operation**

Average Distance per Cycle...

Service Indicator...

Alerts...

Alerts...

Service Indicator...

Average Distance per Cycle...

# Helping you manage your fleet



Today's earthmoving industry faces the challenge of improving efficiency: doing more with less. Information is critical to meeting this challenge and Bell has harnessed technology to be able to offer our customers the right information at the right time. Helping you to manage your fleet with greater precision and superior efficiency.

Fleetsm@tic® is designed to be your eyes on the worksite, keeping track of every Bell machine in your operation on a continuous basis. A fleet management partner that never sleeps.

The cornerstone of our company is to provide the lowest cost per tonne equipment solutions to our customers.

Fleetsm@tic® adds an exciting new dimension, enabling you to manage your equipment to maximise your return on investment.

## Giving you information on

- Machine Productivity • Machine Utilisation • Machine Condition

## What differentiates us?

On-board weighing has been a standard feature on all Bell ADTs for more than a decade. With ongoing development to fine tune accuracy and reliability, our on-board weighing tells you exactly how much money your machine is earning you.

# Machine Productivity

- Number of cycles
- Tonnes moved
- Fuel burnt

# Machine Utilisation

- Hours operated
- Time on the move
- Time spent idling without a payload at the loading site
- Time spent idling with a payload at the tipping site

# Machine Condition

- Services due
- Operator abuse
- Machine fault codes



# Easy and automatic

The appeal of Fleetm@tic® is that it's simple to use. Keep an eye on your machine via the website from the comfort of your home, office or even while travelling abroad. Your own confidential login and password shows you your machines and nobody else's. Or have automated reports emailed to you daily, weekly or monthly. It's your choice. Cutting-edge Fleetm@tic® technology keeps Bell owners in touch with their equipment at all times.

Accurate, up-to-date operational data, production data, fault data as well as the machine's location and movements are all presented with a user-friendly interface.



# Smarter, secure online tracking

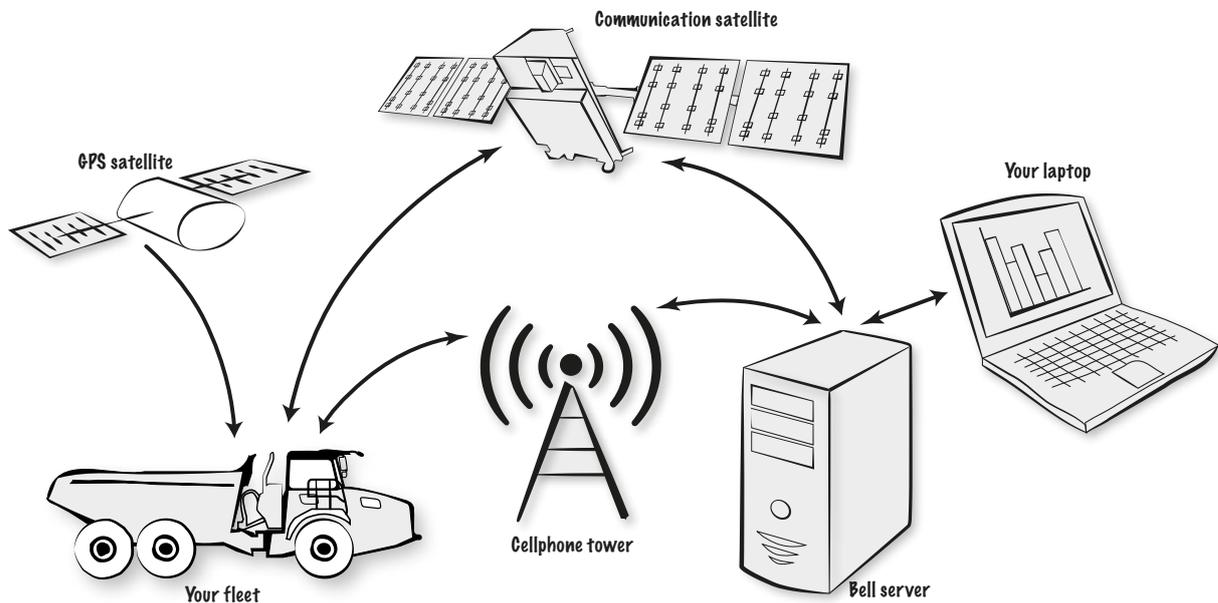
With our secure Bell Fleetm@tic® website you can watch your machines working wherever you may be. Various Fleetm@tic® package options are available to provide management with information down to the day, shift or load cycle, according to your need and budget.

The screenshot displays the Fleetm@tic web interface. At the top, the 'BELL Fleetm@tic' logo is visible. Below it is a navigation bar with links for 'Map', 'Dashboard', 'Tracking', 'Timer', 'Shift Info', 'Alerts', and 'Fault Codes'. The main content area is titled 'TRACKING' and shows a map of a mining site. A vehicle's path is tracked in green, with a pop-up window indicating '2016-01-25 18:10 18:10:58 9.0 km/h | Laden'. On the left side, there is a 'Filter Units' section with a list of units, including 'FLEET-840E4799 PROTO 4 (BH82)'. Below the map, there is a data table with columns for '2h', '24h', and '1m' views, showing various metrics for the selected unit.

# One service provider... worldwide coverage

Fleetm@tic® software is integrated into the machine's CANBUS system, which is like the machine's spine, transporting vital information from the machine's data receptors. GPS location and machine operational information from the CANBUS is stored on the onboard memory module for the transmission.

Communication is the key. A state-of-the-art GPS antenna works in collaboration with a satellite modem and GPRS modem receiver to deliver repeatable high quality information. The satellite communication capability provides true worldwide coverage while the global SIM card allows large amounts of data to be communicated over cellphone networks around the world when the machine is within range.



## Tailor-made packages to meet your needs

Bell realises that no two businesses are the same. For that reason we offer three Fleetm@tic® packages. It's all about choice and how detailed you would like your information to be: daily, per shift, per cycle, or even per minute with the Premium Package.

- **The Basic Package** is available on ALL Bell-supplied machines and provides you with machine hours worked per shift, average fuel burn and a productivity report.
- **The Classic Package** is standard on all new ADTs for two years from the date of delivery to our customers, thereafter it can be renewed at an additional charge. It supplies you with enough information for you to have a very good understanding of how your machine is operating by measuring shift productivity, shift fuel burn, shift fault codes and numerous other metrics.
- **The Premium Package** is available as an option on all new ADTs when the machine is first purchased. Geared for customers who need extremely detailed operational information, this package offers similar information to the Classic package but for each individual laden - unladen cycle. Live tracking is also available on the Fleetm@tic® website on a per minute basis. This function is used by some customers in their site control rooms to track and manage their fleet operations continuously. A machine can be upgraded from Classic to Premium at any stage of its life.

Features	Basic	Classic	Premium
• Machine Hours - total accumulated machine hours	✓	✓	✓
• Hours Operated in Shift - engine hours accumulated during the specific shift	✓	✓	✓
• Average Fuel Consumption - average fuel consumed during the specific shift	✓	✓	✓
• Fault Codes	✓	✓	✓
• Shift Summary Report - graphical representation of data		✓	✓
• Time Bar Report - graphical representation of data	✓	✓	✓
• Ignition Cycle Count		✓	✓
• Driver ID - identifies each operator by their start-up code (requires the driver ID software)		✓	✓
• End of Shift Operator - operator's name, person who last started the machine with his access code		✓	✓
• Tonnes Moved - total tonnes moved in the specific shift. Accuracy is +/- 5%		✓	✓
• Average Tonnes per Hour - calculated by dividing total tonnes with total hours operated in the shift		✓	✓
• Total Cycles - number of tips that took place during the specific shift		✓	✓
• Average Cycle Rate - calculated by dividing the total tips with the total hours operated in the shift		✓	✓
• Distance Covered - during the specific shift		✓	✓
• Average Distance per Cycle - average distance travelled by the machine between each tipping		✓	✓
• Average Speed - during the specific shift		✓	✓
• Fuel Level - shown as a percentage		✓	✓
• Machine Odometer		✓	✓
• Unladen Time - shown as a percentage		✓	✓
• Unladen Time Moving - shown as a percentage		✓	✓
• Laden Time - shown as a percentage		✓	✓
• Laden Time Moving - shown as a percentage		✓	✓
• Unladen Distance - shown as a percentage		✓	✓
• Laden Distance - shown as a percentage		✓	✓
• Overload Count - shows how many times the machine was overloaded in the shift		✓	✓
• Service Brake Application - shown as a percentage		✓	✓
• Retarder Active Time - shown as a percentage		✓	✓
• Service Indicator - automated service due times		✓	✓
• 3 Shifts per Unit		✓	✓
• 3 Individual Reports on email or website		✓	✓
• Live Event Reports - up to 10 notifications of out of tolerance events, linked to driver ID			✓
• Ignition On/Off - informs the time the machine is active			✓
• Live Production Information			✓
• Individual Load Data - every cycle payload and tipping point location			✓
• Live Tracking (GPRS coverage dependent) per minute every 5 minutes			✓



## Join the Bell Fleetm@tic® family

Contact your local Bell Equipment Customer Service Centre or Dealer to subscribe to and enjoy the benefits of Fleetm@tic®.

For more information call +27 35 907 9538 or 080FTMATIC / 080 386 2842 (toll free number for South Africa only). Alternatively email us at [fleetmatic@bell.co.za](mailto:fleetmatic@bell.co.za) or visit us online at <http://fleetmatic.bellequipment.com>



All dimensions are shown in millimetres, unless otherwise stated between brackets. Under our policy of continuous improvement, we reserve the right to change technical data and design without prior notice. Photographs featured in this brochure may include optional equipment.

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**Strong Reliable Machines  
Strong Reliable Support**

