

Site Manager v3.5.0 Release Notes

1. Introduction

- 1.1 Site Manager v3.5.0 introduces new Diesel Particulate Filter (DPF) alerts on Stage V telehandlers and tyre pressure alerts on telehandlers and dumpers where additional hardware has been fitted. The system also enables users to be set up with multiple accounts at company, division or site level. As a consequence, users can now track alerts from subcontractors on their sites.

2. New Alerts (see Appendix for a summary of available alerts)

Telehandlers

- 2.1 **Diesel Particulate Filter alert (DPF)** – on Stage V machines operators need to regenerate the DPF when prompted. This is an activity that can be performed by the operator without any downtime being incurred. This prompt can be overridden to the point that a manual regeneration is required that needs to be done by Ardent which will require 45-60mins of downtime. This is a Type 'A' alert. If the operator continues to ignore the prompt then machine performance will deteriorate including loss of power and eventually the machine will fail. This will require attention from a JCB engineer. This is a Type 'B' alert.

Note that this box is greyed out if there are no Stage V telehandlers at a given location.

If users drill down to machine level, Site Manager will show the alert type and the time of the alert on a particular day.

Action: Operators must regenerate their DPF filters as soon as prompted to avoid downtime. If the prompt is ignored then call the Ardent Customer Care Centre in the first instance.

- 2.2 **Tyre Pressure alert (TP)** – notifies as a hot and warm alert if the tyre pressure reduces by a user defined percentage within a 2-hour period. If an operator decides to reinflate the tyre during this period, then no alert will be raised. Note this alert is only available if additional hardware is installed on the telehandler. Low tyre pressures dramatically reduce the stability of the machine and increase tipping risk. The default setting is 20%.

If users drill down to machine level, Site Manager will show the time of the alert, the tyre that is reporting low pressure and the remaining tyre pressure percentage left in the tyre.

- FL = Front Left
- FR = Front Right
- BL = Back Left
- BR = Back Right

Action: Users are advised to stop the machine, inflate the tyres to the required pressure and continue to monitor. If pressures continue to fall, call the Ardent Customer Care Centre for puncture repair.

Note that this box is greyed out if there are no Tyre Pressure Sensor enabled machines at a given location.

Dumpers - the following new alerts are available for dumpers:

2.3 **Tyre Pressure alert (TP)** – see 2.2.

3. Multi-user viewing

3.1 Site Manager can now be configured so that users can view alerts and information for multiple accounts. This is appropriate where a site manager needs to see two or more sites that fall into different divisions. This feature also enables managers to track the alerts for subcontractors on their sites, provided that the subcontractor is a Site Manager user. For example, a housebuilder could track alerts generated by subcontractors who are driving dumpers at speed on their sites or instances where operators are sitting in a dumper seat while the dumper is being loaded.

4. Manitou Telehandlers

4.1 Site Manager reporting is now available on all Manitou telehandlers. The same functionality is provided as per the JCB telehandlers except that there is no parking brake alert. On the Manitou machines this is an automatic feature.

Appendix: Site Manager v3.5.0 Alerts

Telehandlers				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
CheckMate	✓	✓	✓	✗
DPF regeneration <i>New</i>	✓	✓	✓	✗
Driving at Speed	✓	✓	✓	✓
Fuel idling	✓	✗	✓	✓
Fuel theft	✓	✗	✓	✓
H&S	✓	✓	✓	✗
LLMC override	✓	✗	✓	✓
Low battery	✓	✓	✓	✓
Low utilisation	✓	✗	✓	✓
Movement alert	✓	✗	✓	✓
No use permitted	✓	✓	✓	✓
Out of hours	✓	✓	✓	✓
Parking brake	✓	✓	✓	✗
Punctures	✓	✗	✓	✓
Seatbelt not worn	✓	✓	✓	✓
Time in reverse	✓	✗	✓	✓
Travelling with boom in air at speed	✓	✓	✓	✗
Tyre pressure ¹ <i>New</i>	✓	✓	✓	✓
Water-in-fuel	✓	✓	✓	✗

¹ Note additional hardware required. Contact your account manager for details

<5T Dumpers				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
Low battery	✓	✓	✓	✓
CheckMate	✓	✓	✓	✗
Driving at Speed	✓	✓	✓	✓
Engine idling	✓	✗	✓	✓
H&S	✓	✓	✓	✗
Movement alert	✓	✗	✓	✓
No use permitted	✓	✓	✓	✓
Out of hours	✓	✓	✓	✓
Punctures	✓	✗	✓	✓
Seatbelt not worn	✓	✓	✓	✗
Seatbelt compromise	✓	✓	✓	✗
Low utilisation	✓	✗	✓	✓
Tyre pressure ¹ <i>New</i>	✓	✓	✓	✓

>5T Dumpers				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
Blocked Air Filter	✓	✓	✓	✗
Low battery	✓	✓	✓	✓
Low engine coolant	✓	✓	✓	✗
CheckMate	✓	✓	✓	✗
Driving at Speed	✓	✓	✓	✓
Engine idling	✓	✗	✓	✓
H&S	✓	✓	✓	✗
Low oil level	✓	✓	✓	✗
Movement alert	✓	✗	✓	✓
No use permitted <i>New</i>	✓	✓	✓	✓
Out of hours	✓	✓	✓	✓
Punctures	✓	✗	✓	✓
Seatbelt not worn	✓	✓	✓	✗
Seatbelt compromise	✓	✓	✓	✗
Low utilisation	✓	✗	✓	✓
Tyre pressure ¹ <i>New</i>	✓	✓	✓	✓
Water-in-fuel	✓	✓	✓	✗

<9T Excavators				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
CheckMate	✓	✓	✓	✗
H&S	✓	✓	✓	✗
No use permitted <i>New</i>	✓	✓	✓	✓
Out of hours	✓	✓	✓	✓
Low utilisation	✓	✗	✓	✓

>9T Excavators				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
CheckMate	✓	✗	✓	✗
H&S	✓	✗	✓	✗
No use permitted	✓	✗	✓	✓
Out of hours	✓	✗	✓	✓
Low utilisation	✓	✗	✓	✓

Rollers				
Alert Type	Customer Level	User Level		User definable threshold setting
		Hot	Warm	
CheckMate	✓	✓	✓	✗
H&S	✓	✓	✓	✗
No use permitted	✓	✓	✓	✓
Out of hours	✓	✓	✓	✓
Low utilisation	✓	✗	✓	✓