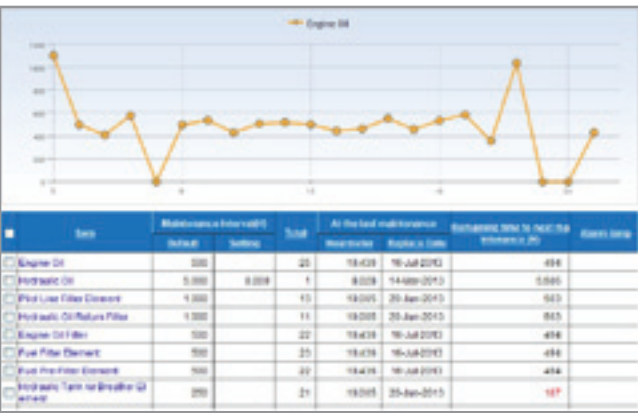


Machine Status

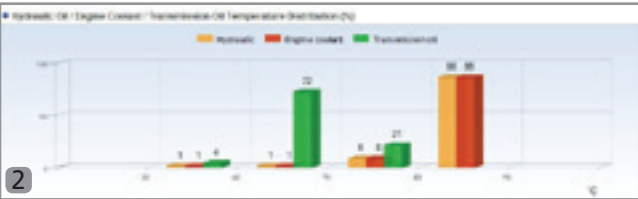


#	Date	Time	Hourmeter	Alarm Type	Alarm	Description
1	17-Nov-2012	09:25	5865	F		TCU Communication Error, DTC - 842
2	01-Oct-2012	12:28	5865	W		(Warning) Air Cleaner Clog
3	26-Sep-2012	02:13	4892	W		(Warning) Air Cleaner Clog
4	22-Sep-2012	08:27	4893	F		TCU Communication Error, DTC - 842
5	18-Sep-2012	13:31	4787	W		(Warning) Engine Coolant Temperature High
6	15-Sep-2012	16:45	4739	W		(Warning) Engine Coolant Temperature High
7	15-Sep-2012	12:34	4734	W		(Warning) Air Cleaner Clog
8	10-Sep-2012	15:19	4633	W		(Warning) Air Cleaner Clog
9	09-Sep-2012	08:33	4613	W		(Warning) Air Cleaner Clog
10	03-Sep-2012	19:33	4499	W		(Warning) Air Cleaner Clog

Alarm Information
All machine failures and corresponding alarm history are stored on the system and sorted by date and description. Machine location can be identified through digital mapping technology. Users can also send SMS (Text) messages or emails to customers or dealers. All machine failure and alarm information can be downloaded for further analysis.



Periodical Maintenance
Users can monitor machine service and maintenance history. Information available includes maintenance interval, corresponding hourmeter and maintenance item replacement date. A replacement information chart facilitates easy tracking of maintenance history. Each item is represented by a two-color system: - Blue indicates less than 30 hours until next maintenance interval.
- Red indicates scheduled maintenance interval is past due.



Detailed Information
1 Detailed information for engine torque distribution.
2 temperature distribution.
3 Shift Mode Actual Gear Hours.



Mobile Web



http://himate.hhi.co.kr/mobile

System requirements

- Hardware**
- IBM PC/AT compatible
 - CPU: Intel Pentium 3 450 MHz or above (recommended)
 - Memory: 256 MB or above (recommended)
 - HDD: 1 GB usable hard disk space (recommended)
 - Display: 16-bit, 1024 x 768 or higher (recommended)

- Software**
- OS: Windows 7/Vista/XP SP2
 - Browser: Internet Explorer 6.0~10.0, Firefox 20.0, Safari 5.1 or above (Recommended)
 - Electronic authentication not required for customers.
Required for distributors and HHI users.

Network Connection
Connection to Internet or Hi-mate Intranet is required. Contact your local Hyundai Distributor for additional information.



PLEASE CONTACT

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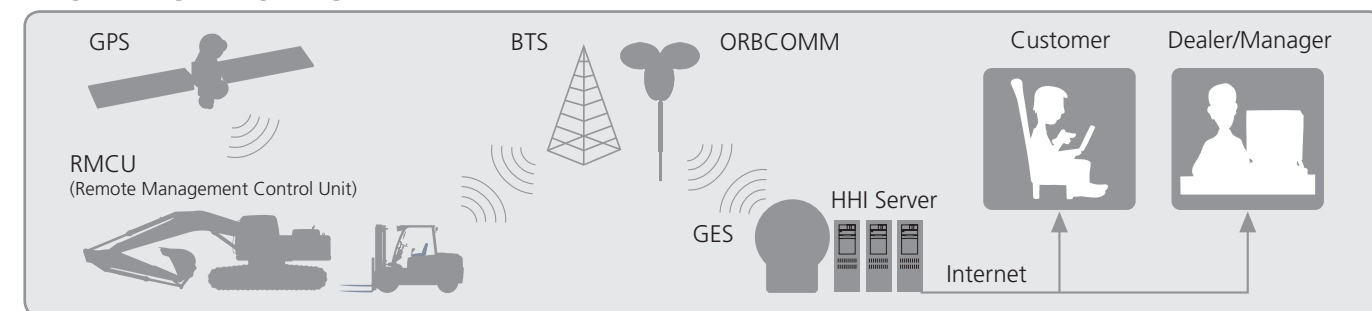
Head Office
1000 BANGGEOJINSUNHWAN-DORO, DONG-GU, ULSAN, 682-792, KOREA
TEL:(82)52-202-7722, 9807 FAX:(82)52-202-7720



Hi-mate overview



How it Works



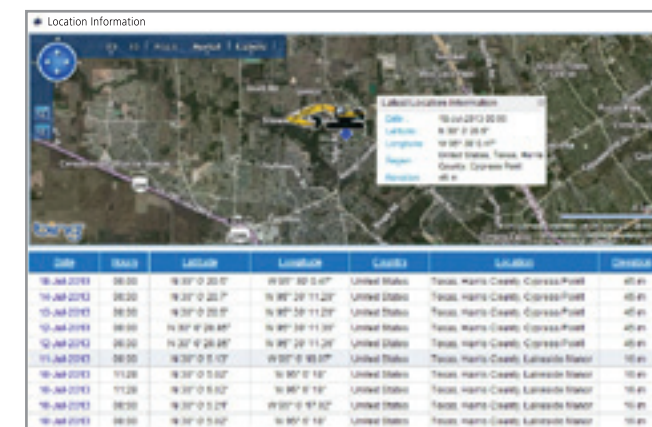
Hi-mate, Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi-mate enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

Benefits of Hi-mate



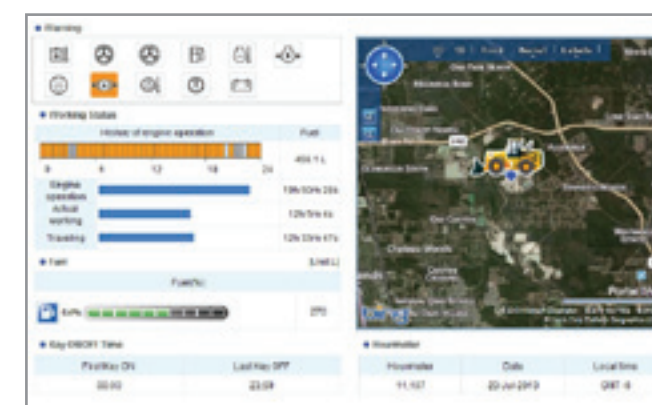
Machine Monitoring

<http://himate.hyundai-ce.com>



Location Information

Up-to-date machine location information, including latitude, longitude, country and region is available through GPS-satellite technology. If machine is moved from one location to another, users can track the location by clicking on the "Machine Travel" menu.



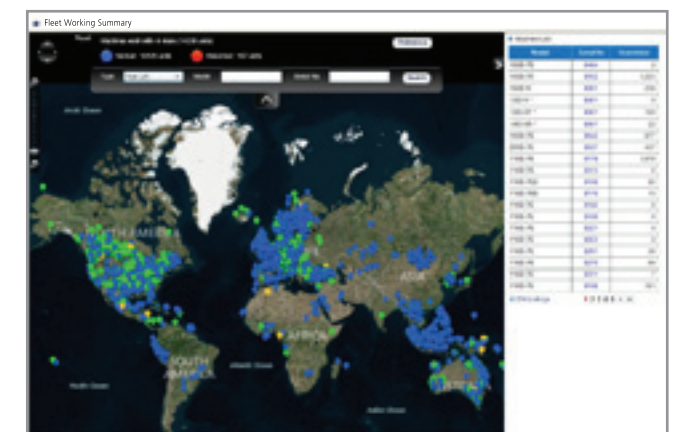
Daily Report

Detailed information regarding the machines daily operating history is available on the daily report section. Included in this report is: hourmeter, engine hours, fuel remaining, time of key-on and key-off, and machine location visible on a digital map.



Geo-Fencing

Users can program a virtual geo-fence to prevent the machine from leaving a specified geographic area. Once Geo-Fencing is set, a red circle is visible around the machine icon on the map. If the machine is moved outside the Geo-fence boundary, an alarm is triggered and submitted to Hi-mate, notifying the user of the time and date of occurrence.



Fleet Monitoring

For multiple machine owners, a fleet monitoring system provides real-time monitoring of machines plotted on a digital map. Current service status and machine location is represented by color coding and geographic location. If the machine icon is blue, then the machine is operating normally. If the machine icon is red, then the machine has logged an alarm. By simply clicking on the individual machine icon a user can view more detail regarding current status.



Working Modes

By accessing the working hour (Mode) section, users can view the following detailed operating information:

- total working hours
- engine operating hours
- actual working hours
- machine traveling hours
- Inching hours
- actual hours of most commonly used work mode