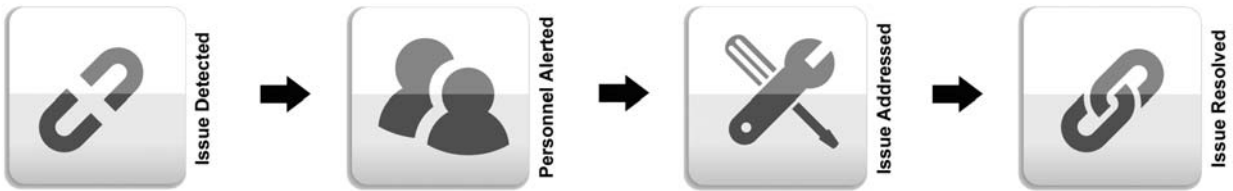




RemoteTech[®]

Vehicle Management System



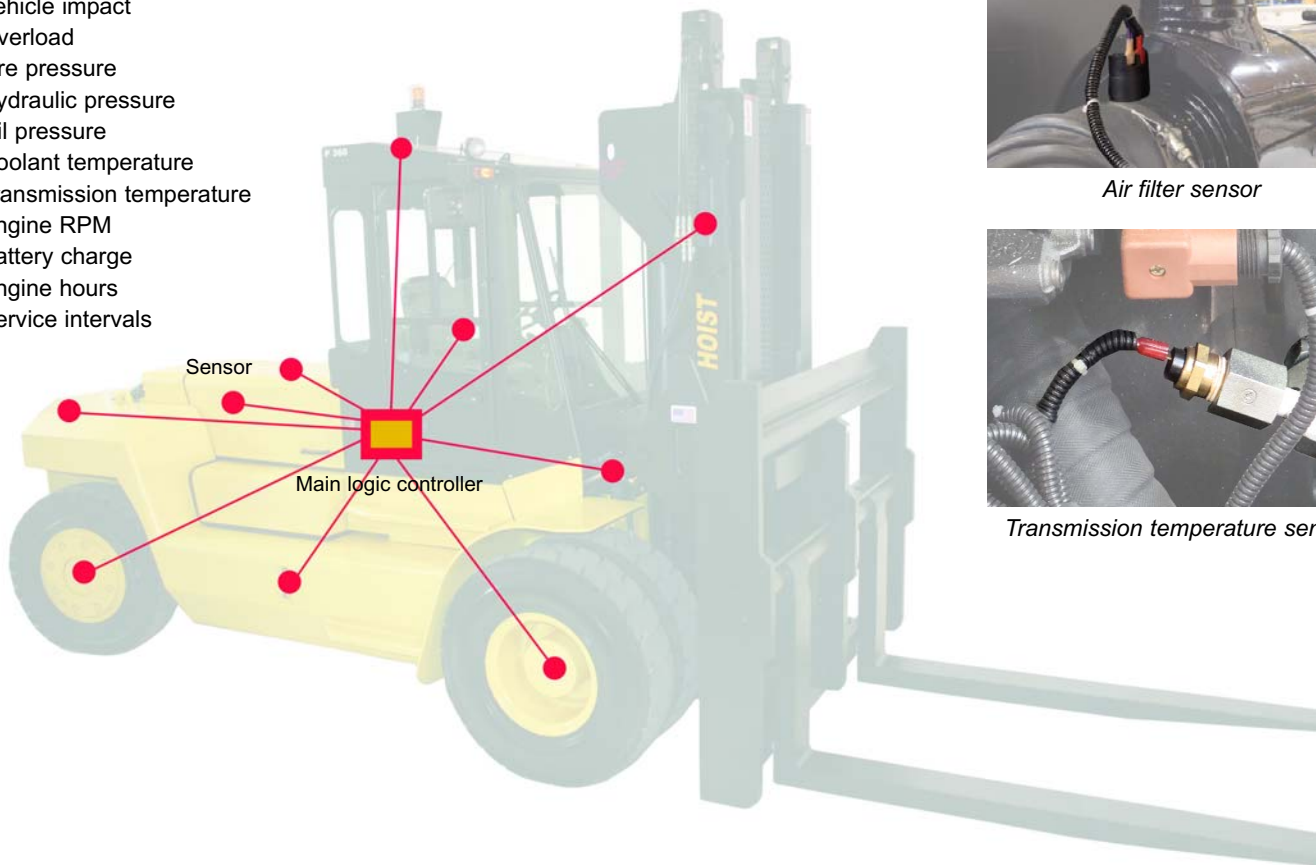


RemoteTech[®]

Utilizing CANbus technology, *RemoteTech* is a complete vehicle management system that provides superior serviceability, preventative maintenance, vehicle monitoring, automated customer support and the ability to customize vehicle functionality. *RemoteTech* comes standard on Hoist FKS Series, P-Series and Neptune Series lifttrucks.

What *RemoteTech* monitors

- Filters (i.e. air, hydraulic)
- Engine
- Transmission
- Vehicle impact
- Overload
- Tire pressure
- Hydraulic pressure
- Oil pressure
- Coolant temperature
- Transmission temperature
- Engine RPM
- Battery charge
- Engine hours
- Service intervals



Air filter sensor



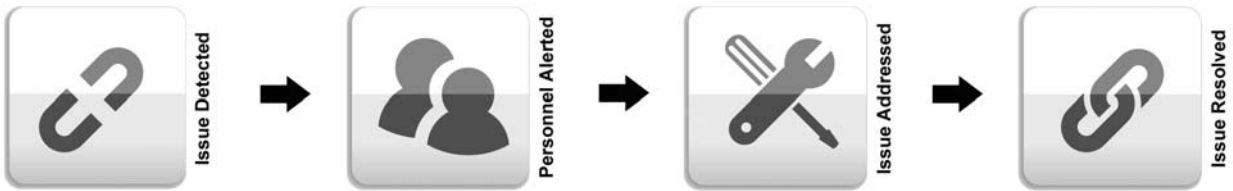
Transmission temperature sensor

HOW *RemoteTech* WORKS

RemoteTech is comprised of a main logic controller (the central hub for the system), multiple integral component sensors and vehicle controlling devices located throughout the vehicle, a record-keeping database and wireless communication system.

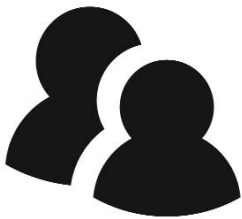
Within this network, the main logic controller communicates with multiple components, collecting information and reporting issues when they arise. The operator is notified of any issue via the MD3 display inside the cab and other authorized personnel can be notified via automated email.

The optional wireless communication system not only allows for multiple parties to be notified via email, but also allows diagnostic checks, troubleshooting and customization of functions to be done remotely. Otherwise, a trained service technician can arrive on-site and perform these same tasks via the MD3 display to resolve the issue or customize vehicle functions.



RemoteTech Wireless Communication System

The optional remote function* is exclusive to the *RemoteTech* system, providing an additional level of customer service to Hoist customers. In addition to automatic email notification of any vehicle issues to authorized personnel, diagnostics and troubleshooting can be initially conducted remotely, saving the time and money of having a service technician arrive onsite. Hoist can also remotely adjust various vehicle functions to a customer's preference simply by dialing into the vehicle using the *RemoteTech* wireless communication system.



Email notification sent to authorized personnel of specific issue is sent out immediately.

The following error was recorded on 05/11/08 at: 9:45:41
PLUGGED AIR FILTER
 Customer: ABC Company in Chicago, IL
 HOIST P360 12345



Issue is addressed either on-site or remotely, depending on the type of issue at hand.

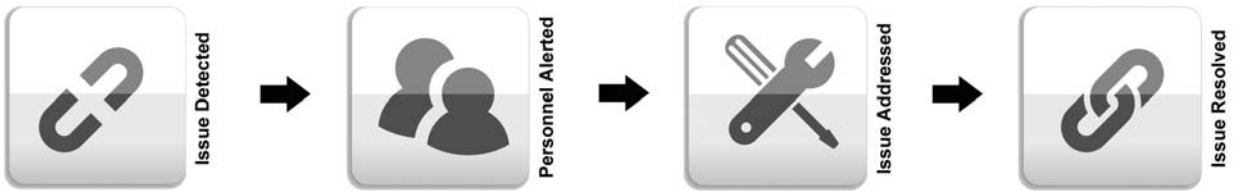


Antennae on top of cab

WHAT RemoteTech CAN CUSTOMIZE & ADJUST REMOTELY

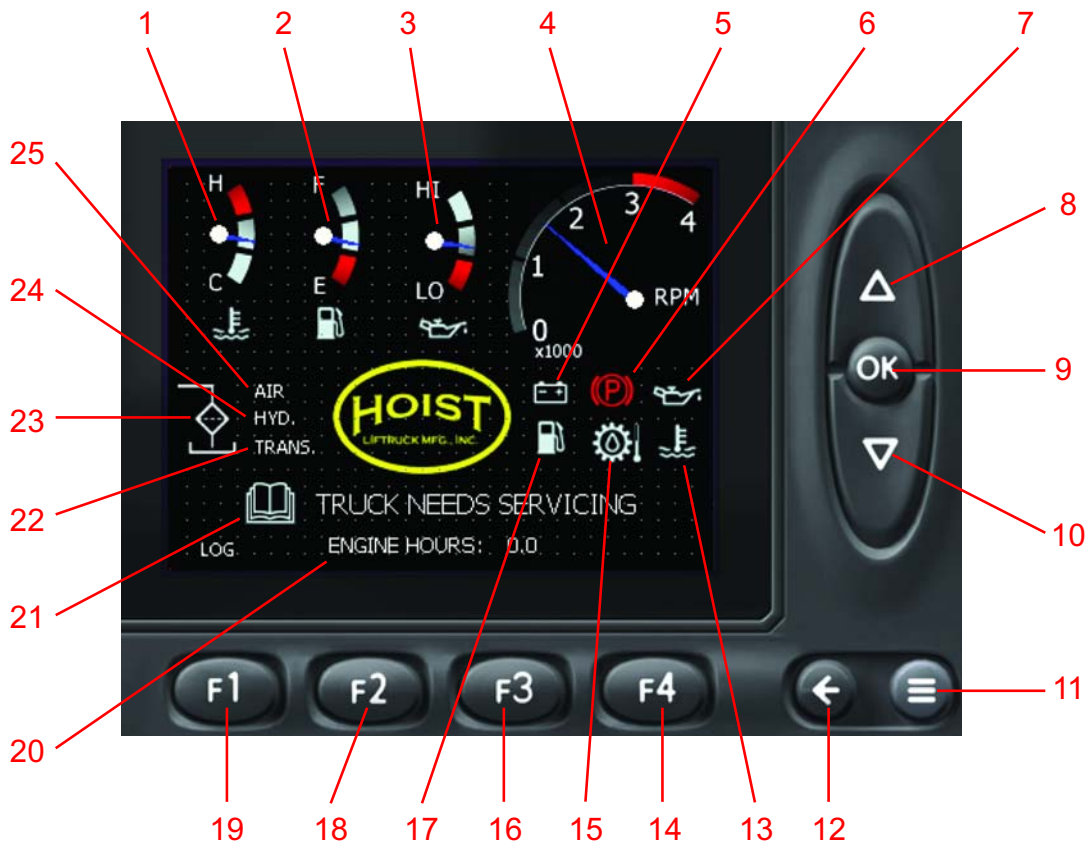
- Joystick function including function speeds (i.e. lift, lower, tilt), acceleration profiles, time-delays and safety lock-outs.
- Overall vehicle speed
- Gear lock-out
- Transmission shift points
- Operator key code capabilities that limit access to specific users & identifying individual operator usage

*Customers can opt not to activate the wireless communication system. Email notification and remote functions would be disabled.

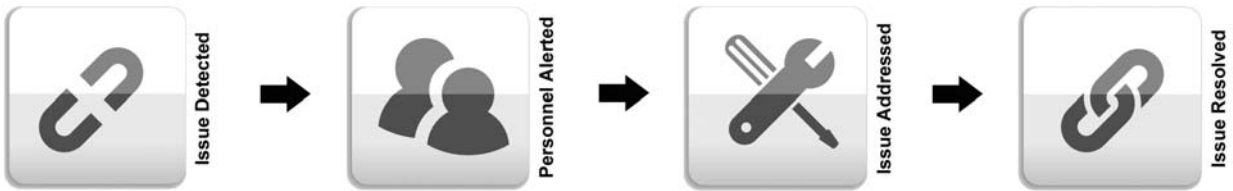


Overview of the RemoteTech MD3 DISPLAY

The MD3 display, located inside the cab/operator platform, provides a digital display of gauges, warning indicators and other vehicle functions. Warning indicators notify the operator of specific issues, while other authorized personnel are notified of issues via email.



- | | |
|----------------------------------|---|
| 1 - Water temperature gauge | 14 - F4 function key |
| 2 - Fuel level gauge | 15 - Transmission temperature indicator |
| 3 - Oil pressure gauge | 16 - F3 function key |
| 4 - Tachometer | 17 - Fuel level indicator |
| 5 - Battery indicator | 18 - F2 function key |
| 6 - Parking brake indicator | 19 - F1 function key |
| 7 - Oil pressure indicator | 20 - Engine hour meter |
| 8 - Up function key | 21 - Service indicator |
| 9 - Accept function key | 22 - Transmission filter indicator |
| 10 - Down function key | 23 - Filter indicator |
| 11 - Menu key | 24 - Hydraulic filter indicator |
| 12 - Back function key | 25 - Air filter indicator |
| 13 - Water temperature indicator | |



Adjustments & Measurements on the *RemoteTech* MD3 DISPLAY

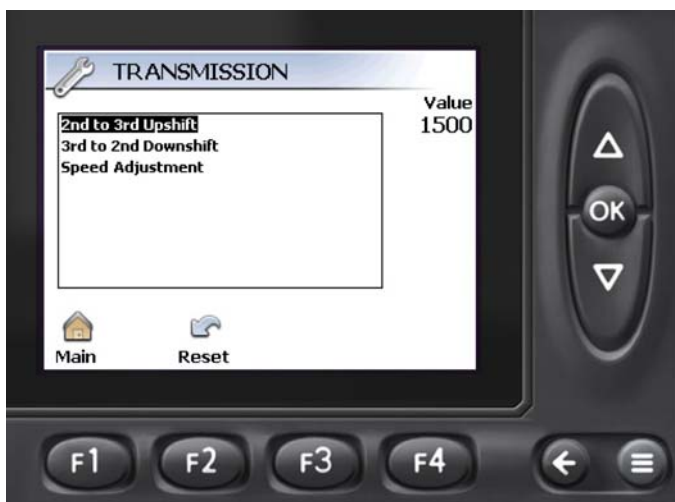
Diagnostics, troubleshooting and adjustments can be made directly through the user-friendly, menu-driven interface of the MD3 display. The operator may obtain various measurements such as engine and water temperature, oil pressure and engine speed, as well as sensitivity of the electronic joystick controls and gear shifter. Adjustments to various vehicle functions such as overall vehicle speed, lift/lower/tilt speed, gear lock-out and transmission shift points (see *below*) can also be made through the MD3 display by a certified Hoist technician or remotely via the wireless communication system (see *next page*).



1| The Measure and Preferences menus can be accessed by the operator without a pin code. The Adjust menu can only be accessed by a certified Hoist technician.



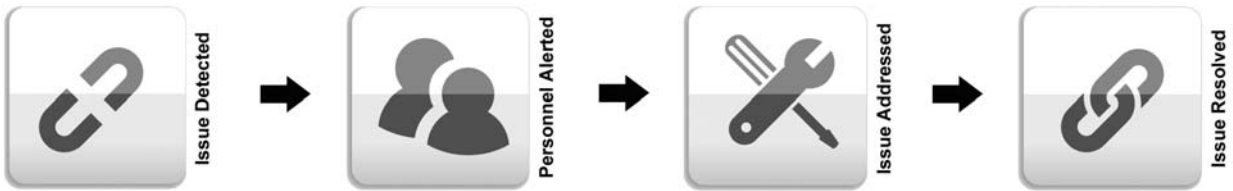
2| Once the Adjust menu is accessed, function adjustments can be made regarding the transmission and hydraulics, as well as resetting the service meter and capacity overload indicator.



3| For example, to adjust transmission shift points, a Hoist technician can select to adjust the upshift or downshift points. Overall vehicle speed can also be adjusted in this menu.



4| Using the function keys, the value can be adjusted to the customer's preference. In this case, the target RPM for the shift point can be adjusted up or down.



RemoteTech SAVES YOU TIME & MONEY

By detecting issues early, *RemoteTech* allows companies to address these issues before it worsens and creates additional service needs. This early detection can be the difference between spending a couple hundred dollars and a few minutes or thousands of dollars and a few weeks addressing a service issue, which can cost companies even more money with lengthy downtime.

For example, if the hydraulic return line filter for the P-Series (pictured to below) is clogged and is not serviced, eventually the entire hydraulic system can be contaminated with unfiltered fluid. This can also lead to component failures such as the hydraulic control valve, cylinders and hydraulic pump, which in turn, costs the company even more time and money in downtime.



Possible costs* when issue is detected early by *RemoteTech*

Return line filter - \$350

Possible costs* if original issue is not detected or neglected

- Return line filter - \$350
- Hydraulic control valve - \$5,400
- Hydraulic gear pump - \$3,000
- Lift cylinders - \$5,200 each
- Labor & downtime - \$\$\$\$

*estimated costs based on P-Series

Constant overloading or vehicle impact can cause damage to multiple components, including costly damage to the mast/carriage and steer axle. *RemoteTech* can be set to specific capacity limits and the impact sensors can be adjusted for sensitivity.



Possible costs* due to overload or impact if not addressed

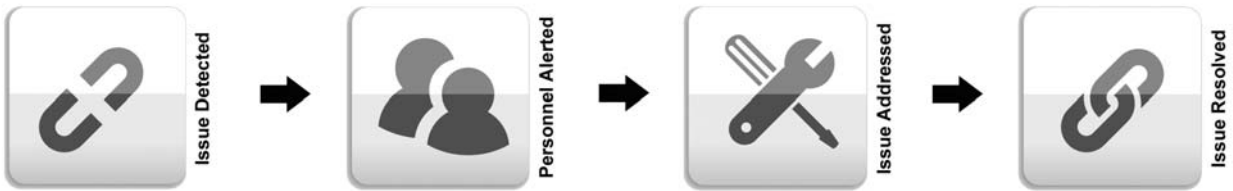
- Mast rollers - \$1,500
- Mast chain - \$1,100
- Forks/attachments - \$12-\$15,000
- Steer axle - \$25,000
- Rims - \$2,500
- Labor & downtime - \$\$\$\$

*estimated costs based on P-Series

MANAGE YOUR FLEET WITH *RemoteTech*

RemoteTech is an extremely effective tool for managing your fleet. Customers can remotely monitor each of their forklifts, finding out which have more operating hours, which need to be serviced and which are being operated improperly. *RemoteTech* features operator key code capabilities limiting access to specific users and identifying individual operator usage. Protect your fleet. Protect your investments. Contact Hoist Liftruck or an exclusive Hoist dealership to inquire about *RemoteTech's* fleet management capabilities, as well as additional information on the entire system.





***RemoteTech* WILL KEEP YOU UP AND RUNNING**

Hoist's sophisticated data center is monitored and backed up 24 hours a day, seven days a week, keeping *RemoteTech* performing at the highest level for our customers. Our data center features a back-up generator, redundant and continuous power supply, multiple security levels, T-1 lines and a reliable carrier network that maintains quick and efficient connectivity with vehicles in the field.

Unlike similar vehicle monitoring systems, *RemoteTech* is programmed and operated by Hoist Liftruck, NOT third-party companies. Hoist is one of only a few forklift manufacturers that have developed its technology in-house to not only meet current industry demands, but also prepare for the future. Thousands of dollars and months of time have been invested developing, improving and maintaining *RemoteTech*. **Experience *RemoteTech* today.**



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