Heavy Duty Industrial Vehicles Solution

Advantech?s heavy duty solutions can operate in extreme temperature environments. These vehicles require computing solutions that monitor, analyze, predict and report information about vehicle, driver, components, location, and more.

Project Introduction:

Advantech?s heavy duty solutions can operate in extreme temperature environments. These vehicles require computing solutions that monitor, analyze, predict and report information about vehicle, driver, components, location, and more.

Project Solutions:

Advantech ultra-rugged VMTs monitor the health conditions of the vehicle components through CAN-Bus communication, track navigation and location, prevent collision and monitor driver behaviour - in real-time. Advantech-DLoG VMTs improve efficiency, safety and productivity. They are cost-effective, and relied on by companies around the globe. Heavy Duty equipment such as earth movers, agricultural vehicles, dumpers, excavators, crawlers, cranes, quarry, mining and other vehicles, operate business critical applications, in situations where downtime spells disaster. In this applicationMTC/6Vehicle Mount Terminal and S10ARugged Portable PC supervise the operations by WLAN connection. All data will be transferred to Central Office.

System Diagram:

Products involved:

MTC/6- Vehicle Mount Terminal with Intel Atom® Processor and Voice Kit
S10A- 10.4" Semi-Rugged Tablet PC with Intel® Atom? Z530XL Processor
EKI-6311GN- IEEE 802.11 b/g/n Wireless Access Point/Client Bridge
ACP-4320- 4U Rackmount Chassis with Dual System Support or Dual SAS/SATA HDD

Trays