

COLD CHAIN SOLUTION

G60 TELEMATICS DEVICE

Collects all temperature data from the cargo bay and sends this information via the GSM to the cold chain software platform. Features include rugged weather and tamper proof housing, integrated back-up battery, GSM/3G connectivity with internal antennas, High sensitivity GPS, 3D accelerometer & expandable peripheral interface. Speed, time, position and driver behaviour are also recorded and reported.

T50 FRIDGE MONITORING

The T50 tag can be connected to a 12V power switch line of the refrigeration/compressor unit. The tag monitors the power status of the fridge and sends the status to the T-patch Gateway, notifying if the fridge is not running.

T50 TEMPERATURE MONITORING

The T-patch T50 tag is placed in the refrigerated cargo hold of the truck and is responsible for sending the temperature reading wirelessly to the T-patch mobile gateway. Tags are placed in the appropriate positions within the cargo hold of the truck. The data update rate of the tag is configurable over the air, and tags will communicate additional data like the battery status on the tags for pre-emptive maintenance. Batteries will last for up to 3 years depending on configuration.

T50 DOOR MONITORING

The T50 is also used to monitor cargo doors. This data can be combined with temperature profile data to better analyse the environment changes within the cargo hold.

DRIVER ID

RFID tags are read by simply waving the tag in front of the reader and feed-back is then provided with an LED and buzzer. The driver can be identified and reporting on behaviour for accountability is possible.

CONSOLE

Report cargo bay door status, temperature and exceptions to the driver of the truck via a loud buzzer. The Console has a display and a compact keyboard for inputting information and also has a driver ID reader as an alternative to the normal driver ID reader.

T-PATCH MOBILE GATEWAY

The Mobile Gateway creates a wireless link between the trailer and cab. No more cabling between the cab and the trailer.