

Isuzu and KDDI fully remodel "Mimamori-kun Online Service"

Isuzu Motors Limited(President and Representative Director, Yoshinori Ida, hereinafter called Isuzu) and KDDI Corporation (President cum Chairman and Representative Director, Tadashi Onodera, hereinafter called KDDI) have fully remodeled "Mimamori-kun Online Service", the telematics exclusively for CV and jointly developed by two companies. New "Mimamori-kun Online Service" goes on sale across the nation at Isuzu dealers from May 31, 2007.

Since its launch in February 2004, "Mimamori-kun Online Service" has earned high remarks from customers as a transport management system that enables customers to check operation status in real time through its comprehensive use of ICT(Information and Communication Technology) service including KDDI data network and internet. Faced with surging fuel prices and amendment to Energy Conservation Law, the telematics has gone through the full model changeover to meet changing environment surrounding transport so as to enable more efficient operation management.

Main features of new Mimamori-kun are as follows:

- "Internet Digital Tachograph" *1, the first digital tachograph on wireless communication in Japan has built-in CDMA 1X WIN communication module(high speed data communication module) that was newly developed by KDDI, which realizes card-free operation of the digital tachograph. As a result, the use of the system is more convenient now that the system is free from any trouble or management of memory card as the card itself is no longer necessary.
- New in-vehicle device "Mimamori-kun Controller (hereinafter called controller)" that combines communication terminal and digital-type operation recorder (so-called "digital tachograph") is adopted. This makes simple operation possible.
- Voice guidance and LCD that are newly added to the controller allow communication of fuel-saving driving condition to a driver in real time. With this function the new Mimamori-kun offers more detailed support to safe and fuel-saving driving.
- Now that the telematics can be compatible with ETC and operational software, the efficiency of operation and transportation in general can be boosted.

Isuzu and KDDI will advance their joint development for further enhancement of functions and contribute to improving CV's safety and reducing its impact on environment through "Mimamori-kun Online Service".

###

*1 A tachograph is a recording device fitted with heavy-duty trucks and consists of a device that automatically records vehicle speed and distance for more than 24 hours and locking device. Trucks, buses, tank lorries of GVW8t and more or with max. loading capacity of 5t and more are required to install this device. Since 1999, digital tachograph can be certified in addition to analog counterparts. The internet digital tachograph is the first card-free digital tachograph on wire-less communication.

Main features are as follows:

<New Mimamori-kun Controller>

- (1) The controller acquired type certification of "Digital type Operation Recorder (so-called digital tachograph)" authorized by MLIT.
- (2) The built-in CDMA 1X WIN communication module newly developed by KDDI enables wireless operation of digital tachograph ("internet digital tachograph") for the first time in Japan. This not only can reduce costs arising from loss or damage of memory cards which were necessary for the previous system but allows operation analysis during long travel of a vehicle without any need to its return to the office for the analysis.
- (3) Isuzu and KDDI added audio warning and the function to show an eco-mark on a large LCD indicating the level of fuel-saving operation. This enables a driver to check safe and fuel-saving driving condition behind the wheel and in real time, which can realize safer and more fuel-efficient driving.

<Addition and Improvement of Service Menu>

(1) "Message Distribution"(addition)

You can send a message from PC in the office to a vehicle. The message is shown on LCD of the new controller on board and you can check at PC in the office whether the message was read by a driver. The message received in the vehicle is not accessible while vehicle is in motion for the sake of safety.

(2) "Notice of Vehicle Maintenance"(addition)

The system automatically judges part change timing and informs a vehicle and the office of the timing arrival. If you input change cycle of parts such as engine oil subject to change at the PC screen, the system automatically judges change timing and shows the arrival of the change timing at new controller and PC. The system covers ten parts including different oils, tire, and air cleaner.

(3) "Thief? warning"(addition)

In this service, the system notifies an administrator when a driver fails to enter pre-determined password. Password is set at PC in the office and distributed to a vehicle. On board, a password entry is necessary for key-on. If pre-determined password is not entered, the system alerts pre-registered administrator.

(4) "Vehicle Positioning Information Service"(improvement)

The service is improved so that you can check a vehicle positioning with PC in the office even when the vehicle is in key-off condition. Formally, the key-on condition in a vehicle is necessary for locating the vehicle. This improvement is made to meet needs for checking vehicle location when vehicle is in key-off condition as driver takes a break outside the vehicle.

(5) Compatibility with external equipment and software

Now Mimamori-kun can be compatible with ETC(Denso's certification type), car navigation system(Pioneer's certification type) and operation software(Navisia by NAV ASSIST). This streamlines not only vehicle operation in motion but post-operation paperwork.

<Targeted sales volume> 10,000 units/year(Japan)

<Sales price(including tax)>

Initial introduction cost *		¥79,980/unit
Monthly fee		¥945/unit
Option	Internet Digital Tachograph	¥28,000(3 year package)
	Temperature information	¥525
	Operation profile	¥315
	Door opening outside designated location	¥315

* In addition to above, installation labor cost is necessary