TECHNOLOGY SOLUTIONS UK LTD

Case Review: VaDIS

TSL Product: Contact Smart Card Reader for Motorola MC70

Objectnet utilize TSL Smartcard Reader in new Digital Tachograph Initiative

Client

- Objectnet AS (on behalf of Norwegian Public Roads Administration, NPRA)
- Norway
- Systems Development

Outline/Summary of solution

- TSL's Terminal powered Smartcard Reader configures Motorola MC70 for smartcard data gathering
- Objectnet AS develop new VaDIS system to better co-ordinate and perform roadside inspections on Norway's roads
- New system reduces data entry error, increases inspection speed, and contributes to better road safety

Context

The Vehicle and Driver Inspection System (VaDIS) is developed for the NPRA, who are responsible for the monitoring of driving standards on Norway's roads.

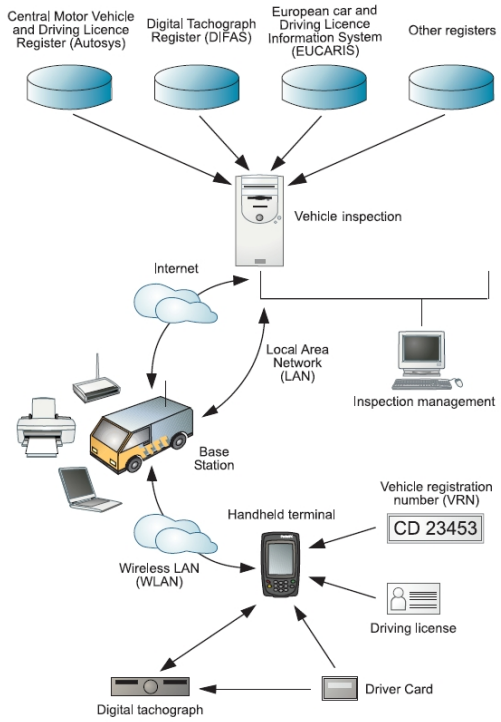
New EU regulations regarding the Digital Tachograph initiative require higher levels of compliance than provided by the current system.

Challenge

"For the NPRA, vehicle and driver inspection means cumbersome data gathering in the field, followed by manual handling of paper based reports. This results in errors and delays due to decreased efficiency".

With TSL, Objectnet are implementing a new system, contributing to safer roads, by increasing the standards of vehicle and driver inspections.

Solution



Response/Feedback

"Through the use of online handheld terminal units for collecting driver and vehicle data during the inspection procedure, together with the implementation of a national database for vehicle inspection data, the VaDIS system is contributing to safer roads by keeping the standards of vehicles and drivers up through more efficient, consistent and precise inspections"

Result

The NPRA's new VaDIS system decreases data entry and legislation errors, increases efficiency and speed of inspection and aids Norway's road compliance with regards to new EU legislations.

+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- GPS
- RFID – Low Frequency, High Frequency and UHF
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- Bluetooth
- 802.11 WiFi
- Magnetic Card Readers
- OCR – B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

Telephone: +44 (0)1509 238248
Fax: +44 (0)1509 220020

Postal Address:
Technology Solutions (UK) Limited,
Suite C, Loughborough Technology Centre,
Epinal Way,
Loughborough,
Leicestershire,
LE11 3GE.
United Kingdom.

Email: enquiries@tsl.uk.com

TECHNOLOGY
SOLUTIONS UK LTD

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