eLOGISTICS
Making Sense of IT

ePOD SOLUTION

Integrated Orders to Invoice

The eLogistics ePOD solution both allows direct order entry and interfaces with existing order capture systems to a planner centric transport planning and routing system.

Orders can be auto-allocated to route based on either customer or post code and follow eith an optimised sequence or auto-sequenced for planner adjustment.

Picked orders can be scanned to auto-identified to route vehicle, scanned to route vehicle and transferred from warehouse to route driver with electronic 'handshake'.

Once on route the driver is prompted to follow the pre-agreed sequence with alerts to planner for deviations.. At each delivery point orders can be scanned off, issues 'claused' and, where appropriate, prompt for photograph before collecting electonic signature. Clauses and signature is transferred back to system for invoicing, either immediately or on regaining GPRS signal or, set to transfer on placing PDA in docking cradle (saves on coms cost).

Completed jobs are debrifed automatically, and completed routes capture WTD and fuel inputs.

Mobile Data Solution

Existing case studies with 99% availability and transaction completion have been achieved by the use of Tier 1 hosting and data infrastructure. A partnership with Vodafone provides dedicated infrastructure and security components that prevent third party access to data and give highly competetive rates for mbile data pricing. Multiple methods of integrating data to legacy systems, either via our transport planning system or direct, ensure full and meaningful data transfer.

Hardware

The use of best of breed rugged and proven hardware is essential for reliability and longevity. In general we use Motorola units with both camera and scanner facilities. Our partner relationships enable us to offer a wide choice of units to suit client requirements. The configuration of the device software is written and maintened in-house ensuring that the process fits the client operation business processes. The in-vehicle installations are made and maintained by specialist partner Maple Fleet Services to agreed manufacturer method statement. The in-cab docking device and communications hub has its own transmitter capability. It is more robust, reliable and effective for data transfer with additional signal capability. It also provides a range of vehicle security and tracking capabilities.

Function Overview

Driver log-in process ensures start of day vehicle and safety checks are driver responsibility, hand-over from warehouse is secure. Planner controlled routing and instruction up-date maintains central control of on-route activity. Route sequence with directions is displayed on screen with sat-nav on driver request. Capability to scan verify order content at point of delivery, to record clause, to photograph damage issues and to capture electronic signature. Option to automatically record delivery with lat/long position and time. Ability to record driver activity and break times. Ability to use device as a phone with secified number restrictions. Data buffering with date and time stamp for out of GPRS range periods. Exception to plan reporting in real-time. Driver end of day routine control.

Communications and Integration server

The CIS provides the integration of mobile data back to planning system or legacy system. It has multiple methods of file transfer and is hosted in a tier 1 secure specialist datacentre in former Bank of England vaults. When linked to the planning system or legacy systems real-time, actual inventory adjusted, invoicing can be achieved.