APPS: SHARING THE RESPONSIBILITY FOR BETTER FLEET MANAGEMENT
Introduction
Concepts
Workshop
Conclusions
INTRODUCTION

• Specialists in VTS and FMS across different sectors
• Helping customers all over the world to run a safer, more efficient fleet
• Working in the aid sector since 2011, in partnership with TGS
• Session hosted by Tony Connolly / Gwyn Roberts
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WHAT ARE YOUR FLEET MANAGEMENT OBJECTIVES?
EXAMPLE FLEET MANAGEMENT OBJECTIVES

• Improve Road Safety
• Reduce Fleet Costs
• Improve Efficiency
• Improve Vehicle Lifecycle Management
• Enhance Security of Vehicles & Staff
EXAMPLE OBJECTIVES

• Improve Road Safety

• Reduce Fleet Costs
ACTIONS TO MEET THE OBJECTIVES

Improve Road Safety

- Reduce speeding (speed and accidents are correlated)
- Reduce night-time driving (higher risk of accidents)
- Maintain vehicles in good condition

Reduce Fleet Costs

- Reduce fuel abuse
- Optimise fleet size
- Refine vehicle replacement policy

Set specific KPI targets
Identify & collect relevant data to monitor performance
## Improve Road Safety

<table>
<thead>
<tr>
<th>Objective</th>
<th>KPI</th>
<th>Data</th>
<th>Available with VTS / FMS</th>
<th>Available without VTS / FMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce speeding</td>
<td>No. of Instances of Excess Speed</td>
<td>Max. Speed In-Journey</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

## Reduce Fleet Costs

<table>
<thead>
<tr>
<th>Objective</th>
<th>KPI</th>
<th>Data</th>
<th>Available with VTS / FMS</th>
<th>Available without VTS / FMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce fuel abuse</td>
<td>Average fuel consumption per vehicle (l /100km)</td>
<td>Distance Travelled</td>
<td>Yes</td>
<td>Log Book - manual input needed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fuel Consumed</td>
<td>Yes - manual input needed</td>
<td>Log Book - manual input needed</td>
</tr>
</tbody>
</table>
VTS / FMS can help to collect some data automatically, but manual processes remain.

**Example**
Analysing fuel transaction data might involve:

- Collecting fuel receipts from Drivers
- Collecting statements from credit card or fuel card providers
- Collecting records from on-site fuel pumps
- Inputting the data manually into Excel or a financial system
What if Drivers recorded each fuel transaction as it took place?

- **Benefits:**
  - Less office-based administration
  - Lower risk of human error
  - Adds time & geo-location data to the transaction to reduce risk of fraud
  - Shorter cycle times for reporting / analysis / action
  - Promotes consistency of data between FMS and the financial system
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What are your Fleet Management Priorities?

What are the Specific Objectives & KPIs?

What are your Data Collection Challenges?

Could the App Concept Help Meet the Challenges?
IMPLEMENTATION OF APPS

Are / could Apps be used in your Organisation?

• Current distribution of Smartphones in the workforce
• Financial case / budget for issuing Smartphones
• Practicality:
  • Standardisation of hardware
  • Training
  • Support to Users
  • Information Security
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EXAMPLE APPS

Fuel App
- Allows a Driver to select a vehicle & record fuel quantity & price
- Data uploaded to FMS
- Avoids manual administration

Vehicle Check App
- Allows a Driver to select a vehicle & conduct a walk-around check
- Data uploaded to FMS
- Significant defects identified and fed into the Maintenance tasklist

VTS App
- Offers visibility of the fleet while in the field
- Allows managers to oversee activities while mobile
- Provides up to date information in the case of an emergency

Driver Behaviour App
- Provides direct feedback to the Driver of driving style
- Supports Driver excellence / league table
- Relieves managers of some of the burden of managing poor driving technique
THANK YOU

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