

# Collision Analysis & Recording System (CARSTM)

Record and analyse Road Traffic Collisions

CARS enables the recording and validation of Road Traffic Collisions (RTC) data from the National Collision Report (MG NCRF/A). Validated records may be output to the DfT STATS19 format. Records are input directly into GIS, ensuring accurate locations.

## What is CARSTM?

CARS is a Wings GIS based application for recording and analysing RTCs using DfT data and validation standards (STATS19). New records are directly input against the map, minimising the location errors common for text-based systems. STATS19 data may also be imported into the system. The Wings GIS allows for hotspot and grid-based cluster analysis, to identify and display blackspots. Tools to develop custom geographical and textual queries are included. CARS also includes a Microsoft Word document generator. Any field in the RTC record may be exported to the Word document, using a simple interface linked to the Word Mail Merge functions.



## What makes CARSTM different?

Fully integrated into the Wings GIS, CARSTM allows RTC records to be located to metre accuracy allowing accurate hotspot and cluster analysis.

CARS outputs data in DfT compliant formats; fully validated STATS19 records for RTC records, direct output to the DfT Access database for speed camera sites.

Wings is a fully self-contained GIS, including an overlay query builder, textual report builder and custom plot builder.

## Key Benefits

- Powerful geographical, textual and cluster analysis tool
- Automatic DfT STATS19 creation
- Supported by leading UK GIS provider
- Saves time and money
- Supports all OS data types, including OS MasterMap®
- Before and after analysis of safety camera impact.
- Powerful visualisation tools - view incidents by a variety of criteria
- Custom module to export monitoring site data to the DfT camera site database

