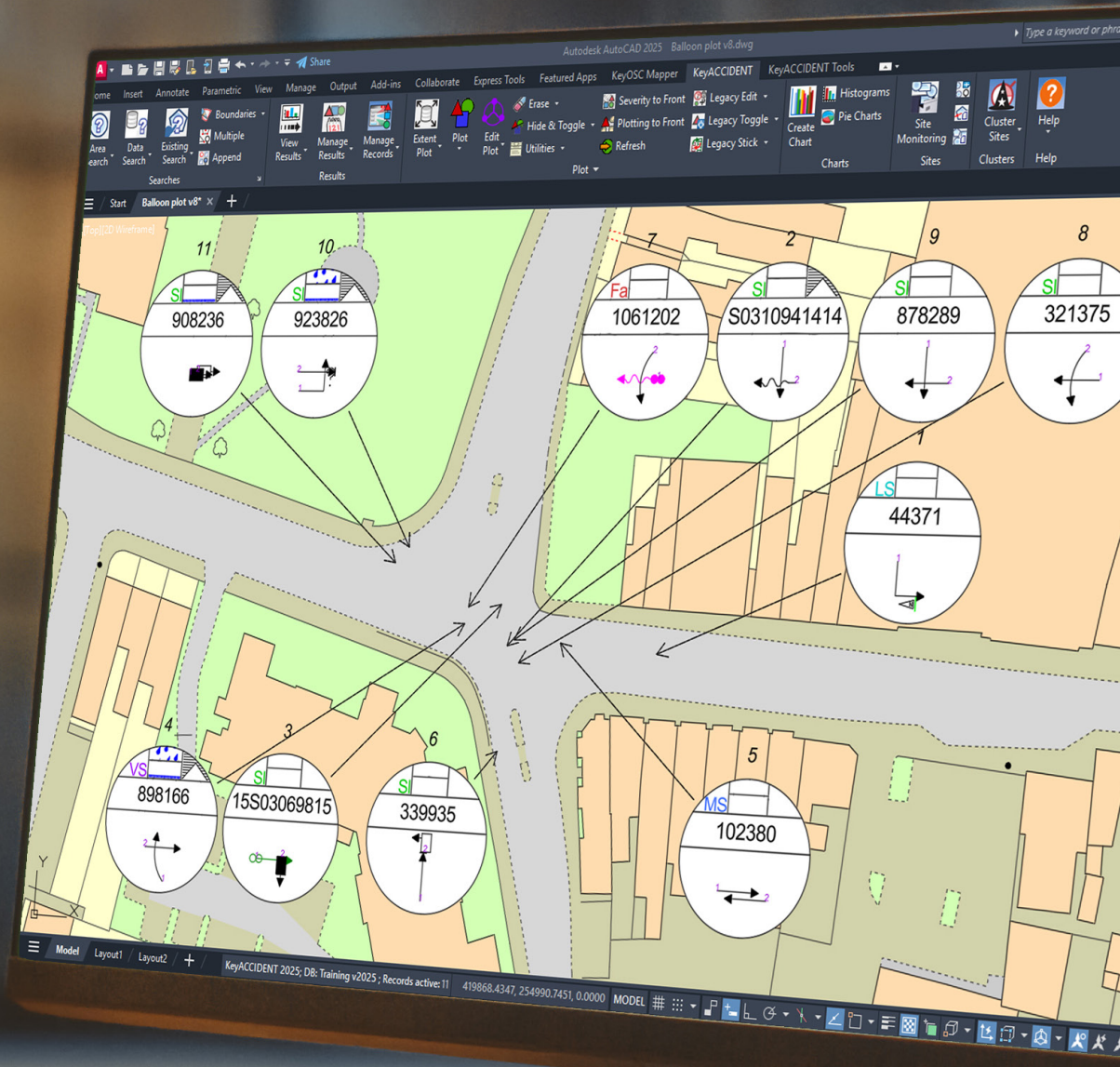
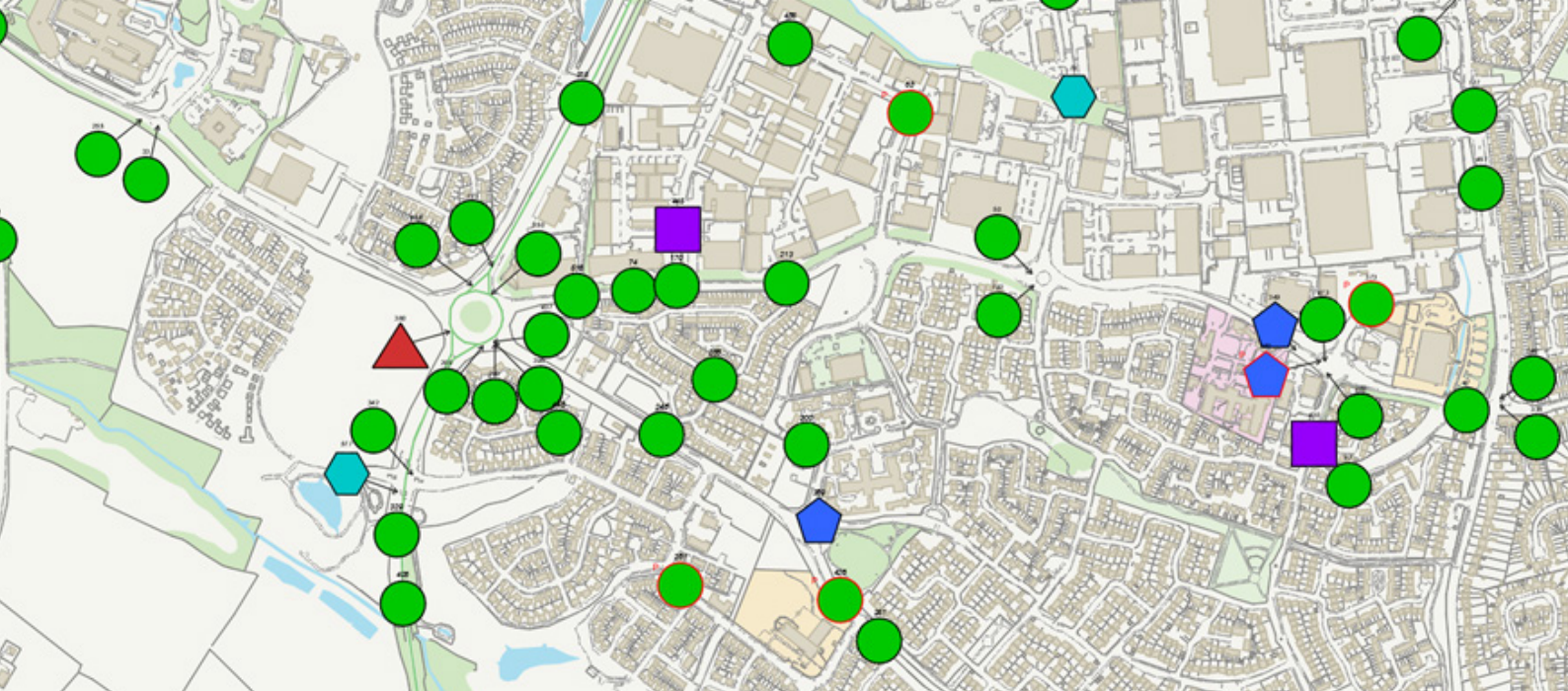


# Traffic Collision & Casualty Analysis Software

Flexible plotting, powerful analysis and comprehensive reporting all in one product





KeyACCIDENT is the UK's leading road traffic collision and casualty analysis system, providing a powerful and reliable toolset for identifying collision clusters, detecting patterns, and analysing collision causes. Fully compatible with STATS19 2024 format data,

KeyACCIDENT can produce meaningful reports, clear charts, and visual diagrams. This ensures users can make more accurate, data-driven decisions about road improvements and assess the effect of safety measures over time.

## Benefits

### Gain a deeper understanding of where, when, and why road collisions happen

Safety on the roads is a top priority for cities, local governments, and transportation agencies. With KeyACCIDENT, road safety professionals can dive deeper into the data with improved search and filter functionalities. The database not only allows you to better understand where and when traffic collisions occur but also why they happen, with detailed data fields capturing factors such as road surface, weather conditions, and traffic volume. The system continues to comply with the Department for Transport's latest STATS19 format, ensuring data compatibility across regions.

### Make smarter traffic and infrastructure decisions

KeyACCIDENT offers many powerful tools for identifying treatable sites with collision clusters. Its geographic and database search functions allow for more granular investigations. Once safety measures are implemented at these sites, KeyACCIDENT enables monitoring of those locations and others, with progress tracking against

area-wide casualty reduction targets. This approach helps authorities and engineers make informed decisions that lead to safer roads and infrastructure improvements.

### Save time with user-friendly tools

The user-friendly tools have been improved, making it easier to sort collision and casualty data. The flexible database and geographic modules streamline data management.

### Produce compelling reports, collision diagrams, and insights

KeyACCIDENT introduces new custom options for producing clear and detailed reports and collision diagrams. You can choose from a wide range of graphs, charts, and reports, with newly added visualisations that allow for even greater clarity in presenting your findings. The Cross Tab report generator allows you to create reports tailored to specific needs, whether it's for internal use, or stakeholder presentations.

# Features

## Easily Collect, Manage, and Analyse Collision Data

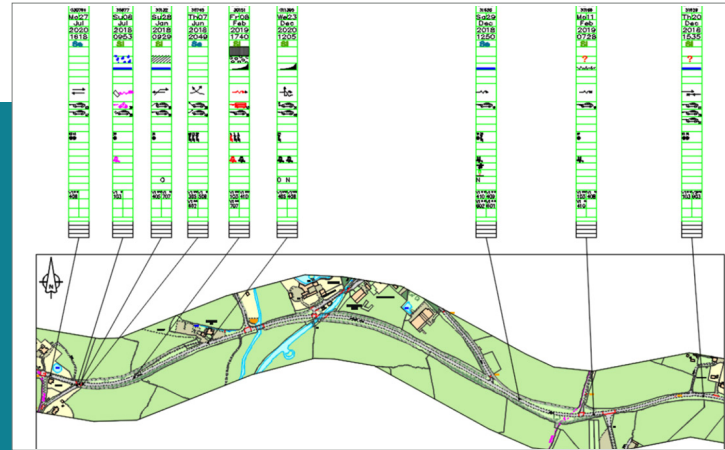
KeyACCIDENT allows for smooth management of collision data that supports STATS19 2024. Available separately, the Data Entry module allows you to create individual records quickly, and new fields such as hour of day are automatically populated for each record. Collisions can be located to within one metre of the incident, with validation checks fully compliant with the latest STATS19 2024 standards.

## Advanced Geographic Search and Mapping

With the latest GIS module enhancements, KeyACCIDENT supports a wider range of geographic search functions. You can search for collision and casualty data across multiple parameters, including circular, rectangular, or polygon boundaries. When used with KeyOSC Mapper, available separately, the GIS module uses mapping with real-time updates from the Ordnance Survey Data hub, and you can also define searches by administrative boundaries, such as Local Authority or District areas, making it easier to align with government reporting standards.

## Create Enhanced Collision Diagrams and Reports

KeyACCIDENT now offers more flexibility when it comes to generating collision diagrams and graphic representations of collision data. Use the advanced stick diagrams feature to visualise collisions with common attributes. The simpler balloon diagrams display more details, including vehicle manoeuvres, weather, road conditions, and lighting at the time of the incident.



## Search and analyse clusters of collisions

With KeyACCIDENT, you can identify clusters of road traffic collisions automatically. Ranking tools prioritise sites with more recent collisions or higher collision or casualty severities.

The user-friendly search wizard also helps identify different collision and casualty types, such as pedestrians, motorcycles, adverse conditions, etc. Use the results to produce reports, plot them on a map with the GIS module, or save them for future use.

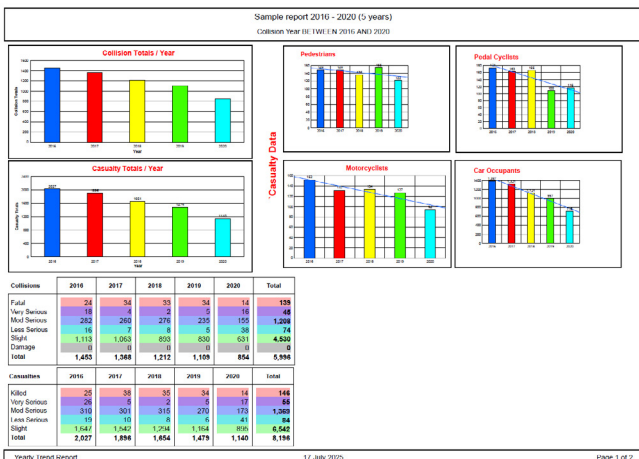
## Choose from an extensive range of reports


KeyACCIDENT includes more than 50 reports, graphs, and charts that can be produced automatically. For example, table reports can be generated by selecting any field combination from the accident, vehicle, and casualty tables. Summaries can be produced to compare norms throughout the whole area.

Plus, you can create your own flexible reports, graphs, and charts. When using SAP® Crystal Reports® (not included) to generate custom reports, you can import them into KeyACCIDENT, and view their search results alongside the many standard reports.

## Monitor sites and implemented safety measures

Once sites have been identified and remedial treatments applied, accident and casualty levels can be monitored on an ongoing basis using the site monitoring function, which produces reports automatically for multiple selected sites. The same tool is ideal for monitoring progress towards area-wide casualty reduction targets.





**KeyACCIDENT includes several features that ensure that your data management and analysis process remains efficient.**



### **STATS19 2024 Integration**

Stay compliant with the Department for Transport's updated STATS19 code set while still able to import legacy 2011 data.



### **Enhanced Reporting Capabilities**

Generate reports with improved colour coding based on collision and casualty severities and easily create visual reports using new template features .



### **Migration Wizard**

Seamlessly convert existing databases and preserve discontinued data. Perfect for organisations that manage data spanning multiple decades.



### **Expanded Plotting Features**

Additional support for time-based analysis helps users generate more detailed reports and visualisations.



### **Data Import Flexibility**

Import both the 2024 and 2011 formats, making it easier to work with data from police forces and other providers still transitioning to the new format.

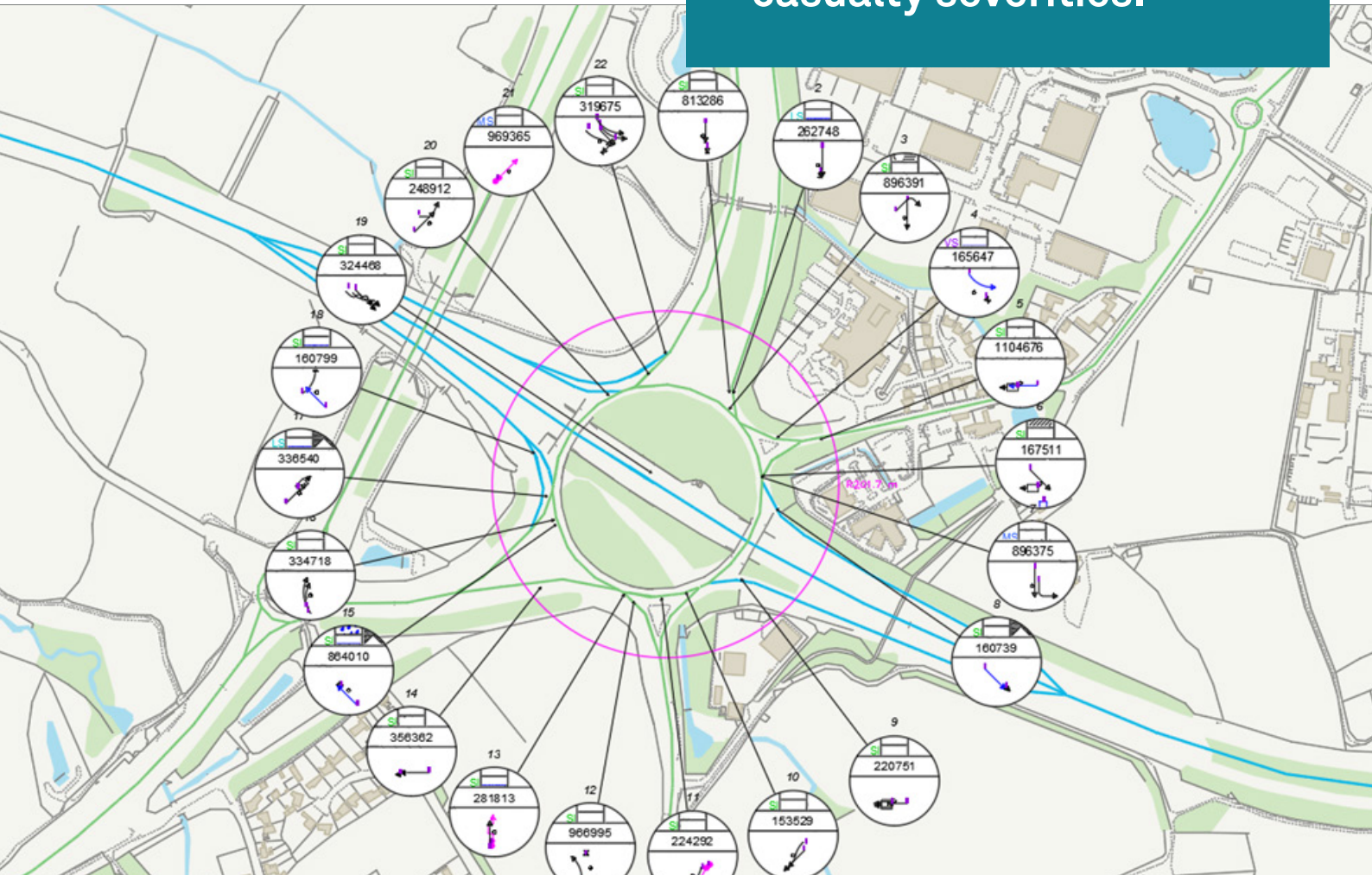
# Platform Requirements

Supports the current and three previous versions of AutoCAD series of products.

## System Requirements and Browser Support

KeyACCIDENT supports AutoCAD. It is also fully compatible with Microsoft Azure for cloud-based data management, making it scalable for larger organisations. For details on system requirements, please visit the compatibility page using the QR code below.

With KeyACCIDENT, you can identify sites with clusters of road traffic collisions automatically. Ranking tools can prioritise sites with more recent collisions or the highest collision or casualty severities.



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