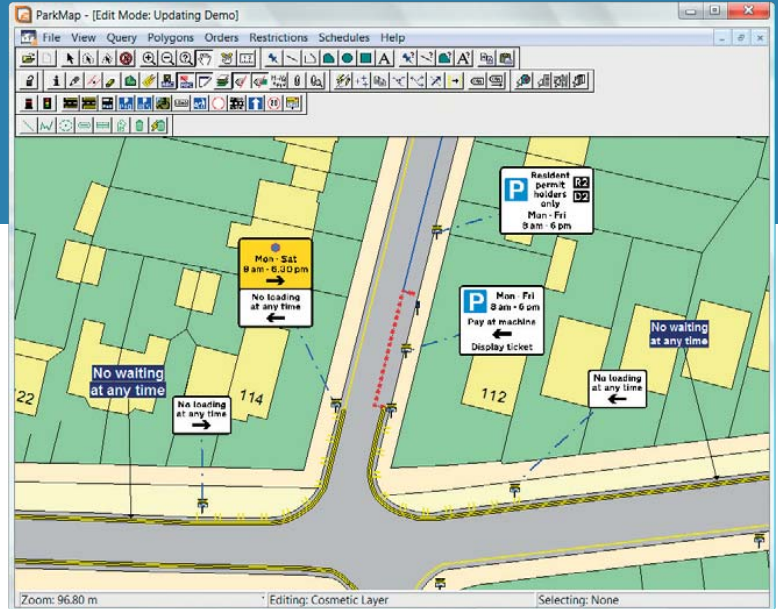


ParkMap

A program in the TraffMap suite

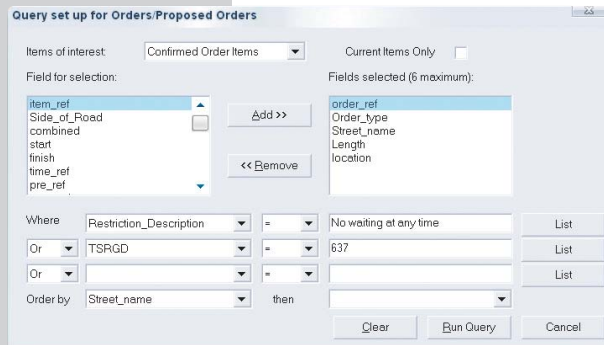
The UK's leading system for making and managing traffic orders



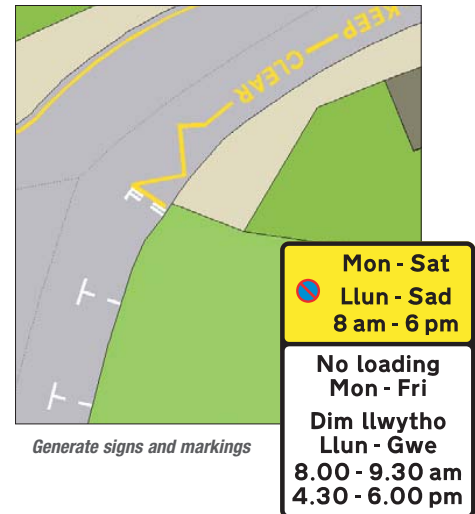
Design and display traffic regulations

With the growth of civil parking enforcement and the requirements of the Traffic Management Act, it has become vital to keep accurate, up-to-date and accessible information on traffic orders.

ParkMap provides a map-based inventory of parking and moving traffic regulations that can be accessed quickly from anywhere in an authority. Integrated with this is full support for the order making process, which aids productivity and keeps the permanent record updated.



Flexible querying



Generate signs and markings

ParkMap has the functionality needed to manage and communicate a regularly changing set of traffic orders.

Order making

- Manages proposals, amendment orders, consolidation of existing measures, temporary suspensions, revocations and experimental orders
- Design-driven order making process
- Productivity tools speed the drawing, editing and labelling of lines and carriageway areas
- Security features ensure the integrity and consistency of maps and legal records
- Generates text and map-based order schedules
- Updates confirmed orders whenever a proposal comes into effect

Links

- Links to Microsoft Office, enabling map extracts, reports and tabulations to be included in other documents
- Integrates with leading notice processing systems for managing enforcement, representations and appeals
- Exports to and reads from other GIS and web mapping systems
- Links to SignPlot and LineMap for vertical and horizontal signing of regulations

Order management

- Map-linked database of all parking and moving vehicle orders
- Information for engineering, enforcement, appeals, maintenance and Traffic Management Act purposes readily available
- History – display orders as they were at any point in time
- Inventory of meters, ticket machines, signs and plates

ParkMap

Existing and historical orders

Normally, ParkMap shows all current traffic orders. It handles waiting and loading restrictions, parking places, loading bays, bus stop clearways and other kerbside controls, as well as moving traffic measures such as pedestrian zones, prohibited movements, bus lanes, lorry bans and speed limits. Orders may be located and displayed by type, street, times of operation, date and order reference. A mouse click reveals the information relating to that restriction, and the order document, photographs and sign images that are accessible. To answer historic enforcement and legal enquiries, orders may be shown as they were on a particular date.

Powerful order making

Any number of proposals may be worked on independently of the permanent data, with password protection to prevent unintentional changes. Proposed orders may be

modified or abandoned following consultation without compromising the confirmed orders. There is no need to input data a second time to update the permanent inventory: once an order commences the details are transferred automatically to the main database.

Rapid data entry

A restriction is drawn by marking its start and end points. Kerb and centre lines are followed automatically, and setting-out and measuring tools are available. Terminal marks and the boundaries of individual bays are added if needed. The same quick data entry technique can create diagrammatic lines, shade in carriageway areas and produce accurate road marking drawings. Data may be added immediately after drawing, or proposals may be purely illustrative. Selecting from pre-set options and copying previous entries saves time and ensures consistency. ParkMap may be used for on-site data capture using tablet computers.

Easy access to order information

Traffic order production

Two optional modules produce, store and manage complete traffic order documents, either with traditional text schedules or with maps as the definitive record. ParkMap handles the creation, security and retrieval of these documents, keeping superseded documents available for answering enquiries relating to specific dates. For map schedules, ParkMap manages a master grid of map tiles and labels restrictions intelligently using its stored data. ParkMap minimises the possibility of errors or omissions in all types of document and provides the flexibility to manage traffic orders in the way the authority prefers.

- photographs, documents and other files linked to regulations and map locations
- highway inventory for street furniture and non-regulatory information

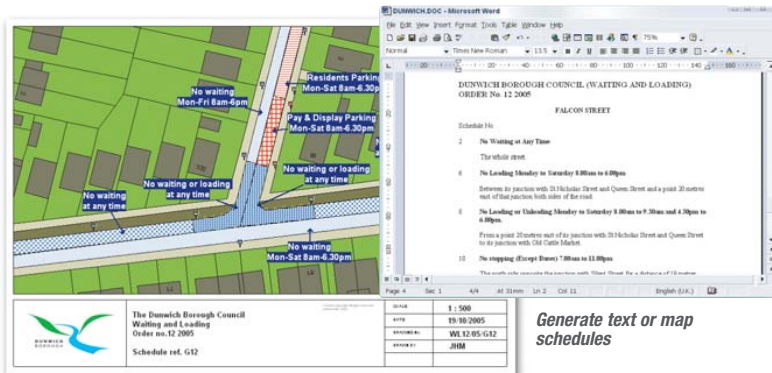
Open systems

ParkMap has facilities to connect to other systems and to link to external data sources. It is a member of the TraffMap suite of traffic engineering systems that enable many types of information to be viewed simultaneously on the same base map. ParkMap can work seamlessly with the UK's leading notice-processing packages. Base mapping may be read from most GIS servers without replication or conversion. Data import and export to standard formats protects the security and value of the investment made in assembling traffic order data, as well as providing interoperability with almost any other GIS including internet and intranet systems. An NSG-compliant or other gazetteer may be linked, and its references automatically incorporated into ParkMap data.

Modular structure

Optional modules enable ParkMap to be tailored to meet different needs. These include:

- accurate drawings of road markings created from traffic order information
- parking plate designs made to TSRGD 2002 and DfT requirements, including bilingual signs for Wales



Generate text or map schedules

SYSTEM REQUIREMENTS

ParkMap runs under all recent versions of Windows™ including Vista. Microsoft and Citrix 'thin client' solutions are also suitable. Network licences for access over a local or wide-area network are available.

ParkMap will output to all Windows-compatible printers on any available paper size.

MAP DATA

ParkMap makes use of digital mapping such as Ordnance Survey MasterMap, but raster and other

map formats are also suitable. A converter is available to translate GML or GZ mapping, or ParkMap will read background mapping directly from most server systems including Oracle Spatial and ArcSDE.

CONNECTIVITY

Order records can be exported to a variety of formats including MapInfo Tab files, ESRI Shapefiles, DXF, DWG and Access tables to make them available to users of most other popular mapping systems. Tabulated data may be exported to Excel

for graphical presentation, while text or map extracts can be directly transferred to Word or other word processing packages for building into reports and presentations.

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