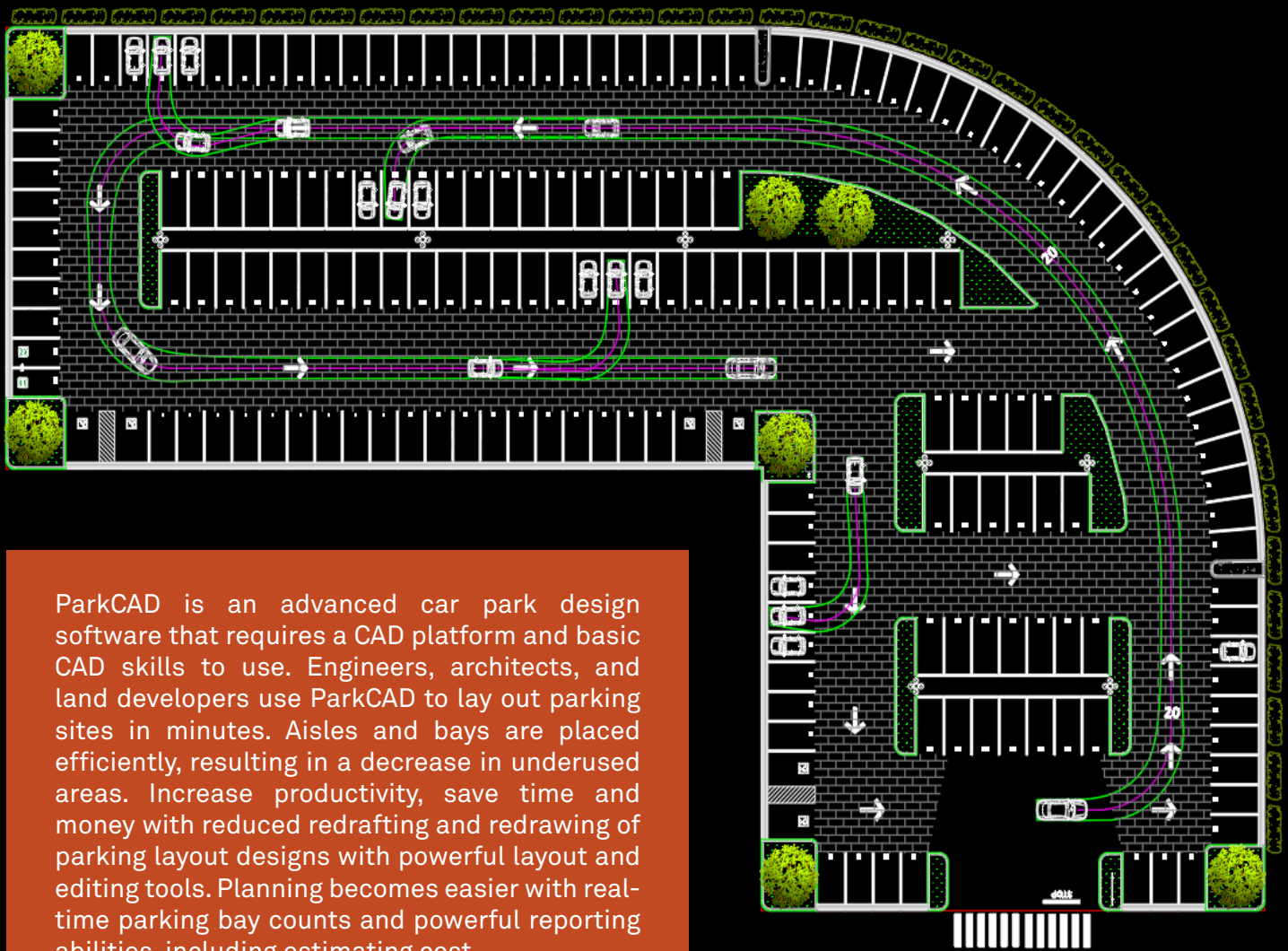




PARKCAD™

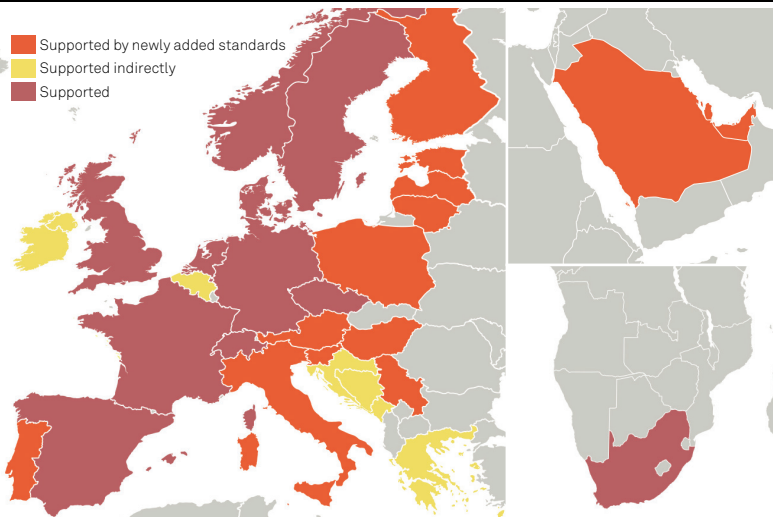
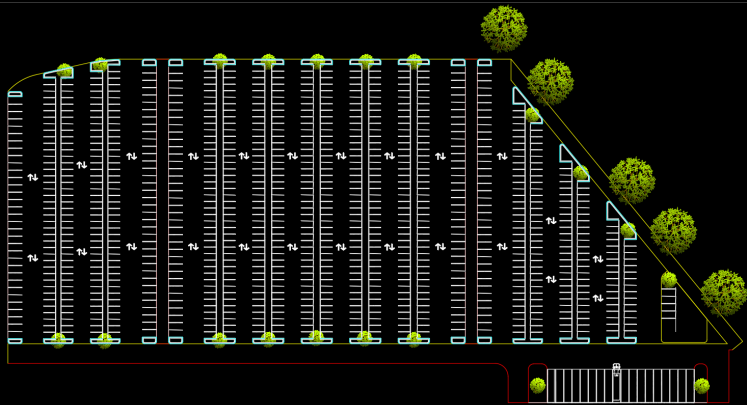
Powerful CAD Software for Designing Parking Sites



ParkCAD is an advanced car park design software that requires a CAD platform and basic CAD skills to use. Engineers, architects, and land developers use ParkCAD to lay out parking sites in minutes. Aisles and bays are placed efficiently, resulting in a decrease in underused areas. Increase productivity, save time and money with reduced redrafting and redrawing of parking layout designs with powerful layout and editing tools. Planning becomes easier with real-time parking bay counts and powerful reporting abilities, including estimating cost.

Get instant feedback when designing and making edits to all types of parking layouts. Parking layouts can be completed in a few minutes using ParkCAD. Use powerful parking design tools to select a defined area and automatically create parking areas that conform to regional design criteria.

BENEFITS AND SOLUTIONS



Top: Design parking areas of any size and shape or passenger and commercial vehicle parking.

Bottom: Guidelines for Europe, Middle East, and Africa

ParkCAD can be used on a variety of different-sized parking areas from different jurisdictions. It is most effective in the conceptual phase of parking design.

THE COMPLETE PARKING DESIGN SOLUTION FOR DESIGNING AND EDITING

Multiple Parking Standards

Regional design guidelines ensure conformity to regulations. ParkCAD 5.0 has built-in parking parameters for over 20 countries in Europe, the Middle East, and from around the world. For an overview of supported standards by country, see the map on the left. Custom Standards can easily be made, saved and shared to conform to local parking regulations.

Efficient Land Use

Select your parking boundary and let the software optimise which row layout and rotation produces the maximum number of parking spaces. Choose from a list of different possible solutions suggested by the software. Save and compare various iterations and develop the best layout option for detailed design.

Use Your Current CAD Platform

Designers can use their current CAD platform without the need to convert file types or upload files to an external server. ParkCAD is available on AutoCAD, Microstation and BricsCAD, making it a versatile parking design solution for every engineer.

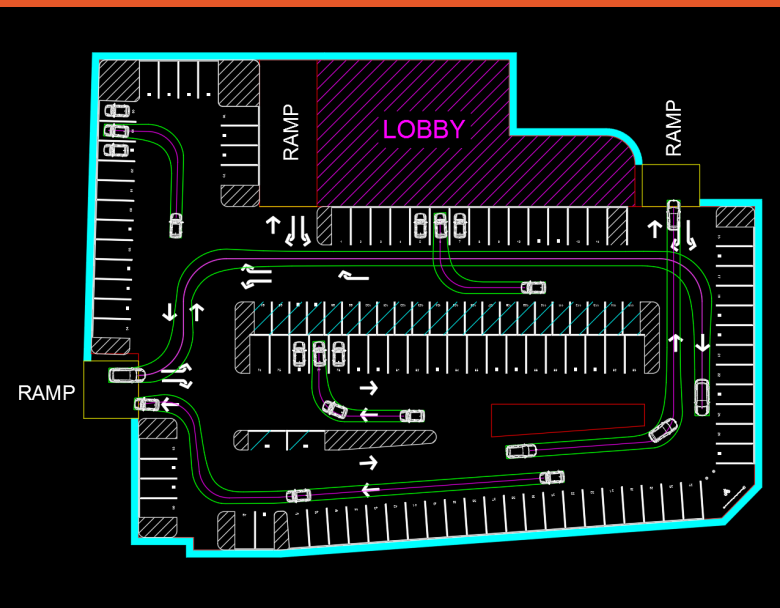
Increased Productivity

Be more productive by reducing drafting time, especially when it comes to modifications, and focus more on engineering decision-making.

Tools to Consider Traffic Flow

You can now add in traffic flow arrows with ParkCAD 5.0 to determine the direction of vehicle movement for either one-way or two-way traffic. Use the arrows to visualise vehicle movement within the parking area.

FEATURES



Parking design for different types of projects.



Improved presentation.

TAKE A CLOSER LOOK AT THE KEY FEATURES IN PARKCAD

Set-Up

- Draw the boundaries of the parking areas with CAD tools and place them on correct layers/levels for use by ParkCAD. Colours and layers can be customised in ParkCAD or use the default settings.
- Easily choose between default settings or set your desired dimension and size of bays, islands, aisles, and symbols.
- The software uses guidelines to ensure conformity to regulations.
- Save, update, and load multiple design iterations of a parking layout in a single drawing.

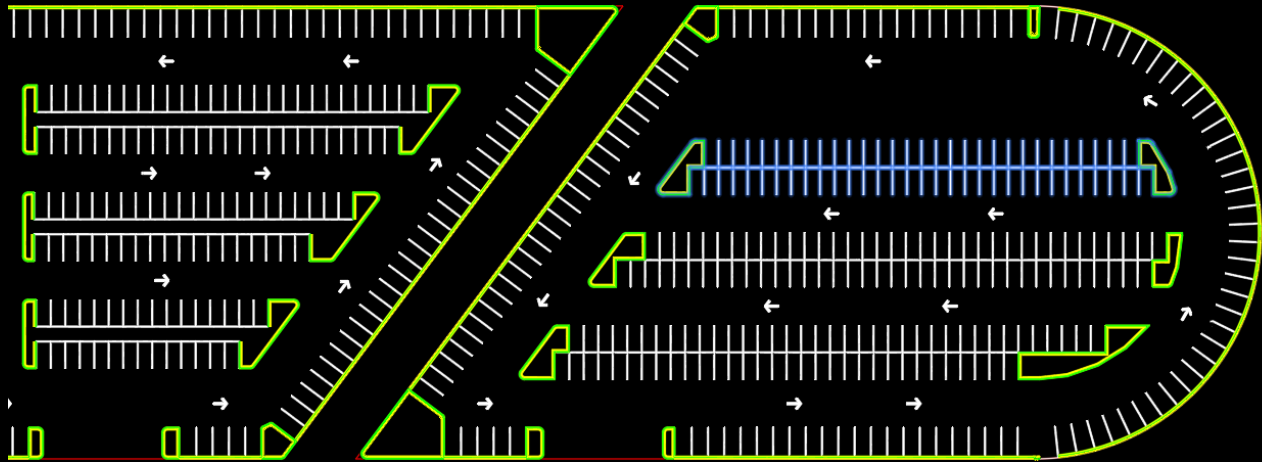
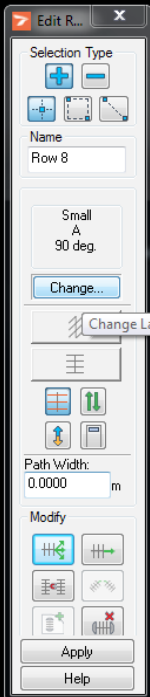
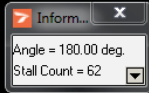
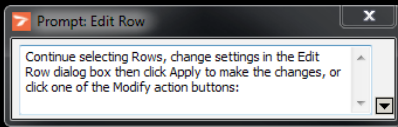
Parking Design

- Take seconds, not hours, to lay out parking rows and aisles using ParkCAD. Individual rows can also be made point-to-point or by using pre-drafted CAD objects, such as lines, curves, polylines, or complex chains.
- Create more complex parking layouts using car park boundaries that include lines and curves for creating rows and aisles.
- Place parking around other objects such as buildings or highways by defining the outer parking boundary and selecting one or more areas where parking is excluded.
- Let the software determine which row layout and rotation produces the maximum number of parking spaces within a parking boundary.

- Add accessible parking based on your region's guidelines. Receive up-to-date reports ensuring regulations are met.
- Consider traffic flow to create efficient parking area movements with one-way or two-way traffic.

Parking Editing

- Use ParkCAD's powerful editing tools to reduce time spent editing parking layouts. Designers can resize car parks to meet adjusted boundaries while keeping previous edits. Row length can be adjusted by dragging end points and bay sizes and angles can be changed.
- Designers can leave room for landscaped areas by removing large drive aisles and by minimising the area of paved surfaces. Users can also update the car parks perimeter boundaries and reduce the parking site footprint.
- Increase safety and improve aesthetics by distributing underused aisle space with center walkways or landscaped areas between parking rows.
- Create custom parking bays, such as valet parking, police, taxi/bus stands, shopping trolley pick-up/drop-off, or use any customised symbol. Custom bays are reported separately.
- Parking islands can be classified as concrete, landscape, or painted. ParkCAD can apply kerbs and hatches to custom or standard islands.
- Present attractive presentations using realistic paint line widths, arrows, symbols, kerbs, and patterns from an extensive library of CAD blocks and hatches.



Editing Tools.

Reporting

- Calculate the percentage of accessible parking bays by selecting groups of parking rows and areas.
- All ParkCAD objects in the layout such as lengths, areas, and quantities, can be calculated and reported.
- Estimate construction costs of the designed parking arrangement by assigning unit costs to the 2D entities.
- Parking professionals can now visualise vehicle movement with ParkCAD. See vehicles enter, circulate around aisles, access parking bays, and exit the parking area.

ABOUT TRANSOFT SOLUTIONS

Transoft Solutions develops innovative and highly specialized software for transportation professionals in the aviation and civil infrastructure industry. Since 1991, Transoft has remained focused on software solutions that enable professionals to plan and design efficient and safe transportation infrastructure with confidence. Our portfolio of planning, simulation, modeling, and design solutions, are used in over 130 countries serving more than 50,000 customers across local and federal agencies, consulting firms, airport authorities, and ports. We take pride in providing best-in-class customer support from our headquarters in Canada, and through offices in Sweden, the United Kingdom, the Netherlands, Australia, Germany, India, Belgium, and China.

HEAD OFFICE – Europe, Middle East, Africa

