newpark solutions

Brochure



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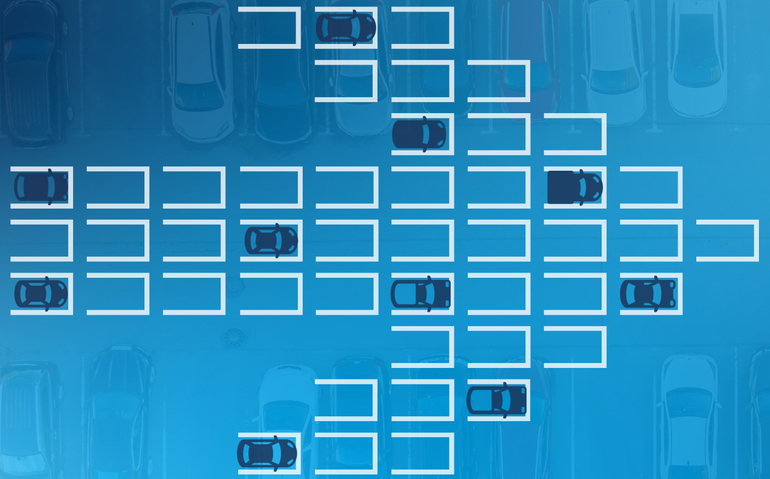

Our mission

is to combine *software*, ***hardware***

innovation and *creativity*

to create ***bespoke solutions***

for every car park.

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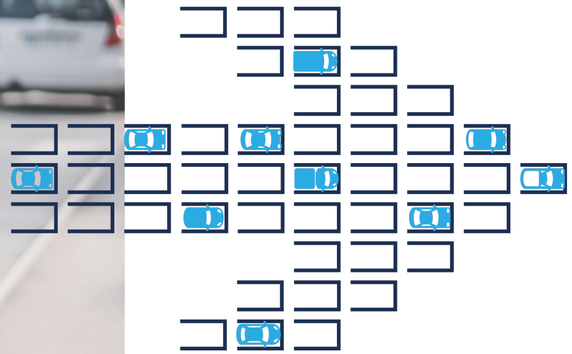

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The Newpark Way

At Newpark, we have worked with car park owners, managers and operators for more than a decade, providing equipment, software, revenue management and innovation across the public and private sector.

The Newpark Way is different. Our solutions, our products, our software, our equipment is not ‘off the shelf’, we do not provide a system that your car park must fit into.

We are not really sure how this helps clients get the best from their car park.

Our systems have huge flexibility, from the software to the hardware, the pay station to the permit setup, we pride ourselves on working with clients to help find the best solution for each car park. And, where this doesn’t easily work for specific area or client, our teams will work to develop new solutions.

You could call it bespoke... or specialised... or client and driver focused... or flexible... we call it ***The Newpark Way***

#madeinbristol

We are proud to be manufacturing in Britain. What do our production team, our software development team, our new product team, our technical support team, our procurement team and our customer support team have in common?

They are all based on our workshop and office, about 3 miles from Bristol City Centre.

Our solutions are truly #madeinbristol



Our Clients

Wessex Water
YTL GROUP

GroupNexus

City of Stoke-on-Trent

THE CROWN ESTATE

LULWORTH
DORSET

HISTORIC ROYAL PALACES

saba

Hampshire County Council

University of South Wales
Prifysgol De Cymru

Dorset Council

Parkingeye

MAPP

Coventry City Council

JLL

savills

West Midlands Railway

SKY PARKING SERVICES

CROWNGATE
WORCESTER

SAXON AIR

PRINCE BISHOPS PLACE

NHS
Mid and South Essex
NHS Foundation Trust

NHS
Guy's and St Thomas'
NHS Foundation Trust

NHS
Hampshire Hospitals
NHS Foundation Trust

NHS
Countess of Chester Hospital
NHS Foundation Trust

NHS
Southport and Ormskirk Hospital
NHS Trust

NHS
Liverpool University Hospitals
NHS Foundation Trust

BENTALL CENTRE
KINGSTON

ROYAL ESTATE
Sandringham

Forest Holidays

Forestry and Land Scotland
Coilltearachd agus Fearann Alba

The TYTON

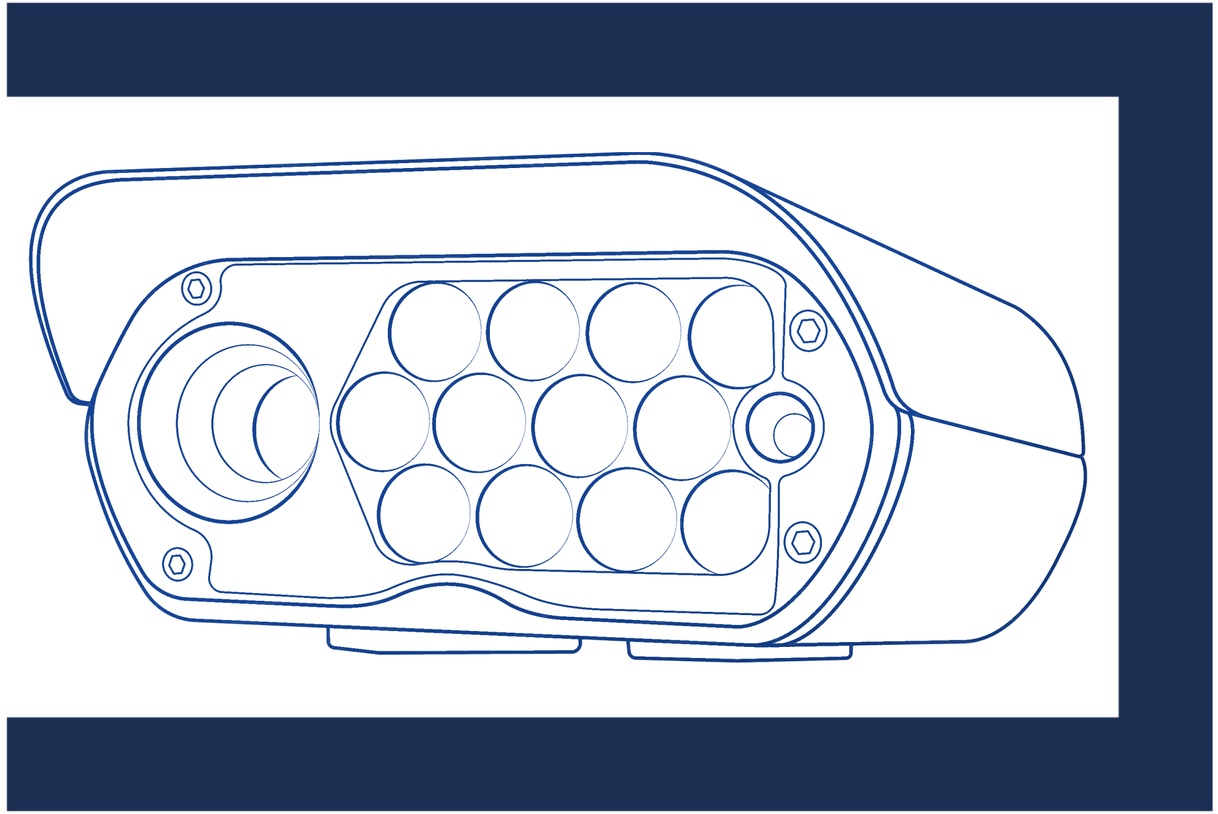
Market Leading ANPR

The Tyton is the leading ANPR camera available in the UK. With read rates of up to 99% it is used across Newpark client sites as part of a wider solution, and by Parking Operators as a standalone product.

- Capable of reading 2 lanes at a 30m distance
- IP66-rated waterproofing
- Storage containing a minimum of 100,000 reads
- 6-core processor with hardware acceleration
- 5MP camera
- 1920x1080 resolution
- 99% read rates
- Dual AI, for both plate detection and recognition, giving high accuracy
- High-intensity IR illumination and zoom lens for night reads up to 40m or as little as 3m
- High speed six-core ANPR processor
- Remote configuration utility allowing configuration - including zoom and focus - from anywhere in the world (requires internet connection)







In-person Payment Options



Fusion X

Cash	✓
Credit/Debit Card - Pinpad	✓
Credit/Debit card - Tap	✓
Receipt printing	*Optional*
QR Code Receipts	*Optional*
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✓
Wall mounted	*Optional*
Desktop	✗
Use inside	✓
Use outside	✓
Client branding	*Optional*

The full service option, perfect for busy multi-story car parks or locations where a cash payment option is required.



Compact X

Cash	✗
Credit/Debit card - Pinpad	✓
Credit/Debit card - Tap	✓
Receipt printing	*Optional*
QR Code Receipts	*Optional*
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✓
Wall mounted	*Optional*
Desktop	✗
Use inside	✓
Use outside	✓
Client branding	*Optional*

A card-only option for high use areas, particularly outside. Perfect for busy payment locations, particularly as part of a bank of pay stations alongside the Fusion X.



P100

Cash	✗
Credit/Debit card - Pinpad	✓
Credit/Debit card - Tap	✓
Receipt printing	✗
QR Code Receipts	✓
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✗
Wall mounted	✗
Desktop	✓
Use inside	✓
Use outside	✗
Client branding	✗

A card-only desktop solution for taking payments in car park offices or reception areas. Perfect for Hotels, Universities or as a backup payment option where drivers visit an information desk to pay.



P200

Cash	✗
Credit/Debit card - Pinpad	✗
Credit/Debit card - Tap	✓
Receipt printing	✗
QR Code Receipts	✓
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✓
Wall mounted	*Optional*
Desktop	✗
Use inside	✓
Use outside	✗
Client branding	✗

A tap only, card-only desktop solution for taking payments in car park offices or reception areas. Perfect for Hotels, Universities or as a backup payment option where drivers visit an information desk to pay.



The Curve

Cash	✗
Credit/Debit card - Pinpad	✓
Credit/Debit card - Tap	✓
Receipt printing	✗
QR Code Receipts	✓
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✓
Wall mounted	*Optional*
Desktop	✗
Use inside	✓
Use outside	✓
Client branding	✓

A card-only solution for a sleeker look, with a client branded backboard. The Curve is easily relocatable



The Curve Payment Pillar

Cash	✗
Credit/Debit card - Pinpad	✓
Credit/Debit card - Tap	✓
Receipt printing	✗
QR Code Receipts	✓
Barcode scanning	*Optional*
Intercom	*Optional*
Floor standing	✓
Wall mounted	✗
Desktop	✓
Use inside	✗
Use outside	✓
Client branding	✗

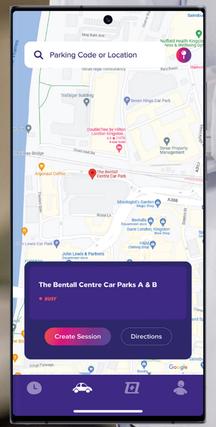
A card-only solution to sit at exit barriers, allowing drivers a last chance to pay.

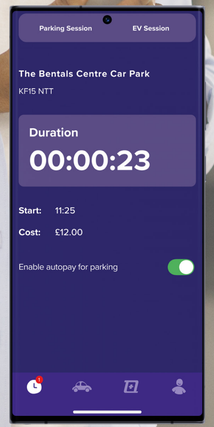
Online Parking Payments

The Trust App

The Trust parking app offers an additional payment method, allowing customers to avoid the pay stations to enter a payment or auto-pay. The app, which currently boasts over 350,000 downloads, is available on the App Store and on Google Play.

- Features a simple sign-up process
- Allows multiple vehicles to be added
- Allows pre-booking of spaces
- Can be used for virtual season tickets
- Emails a copy of the receipt

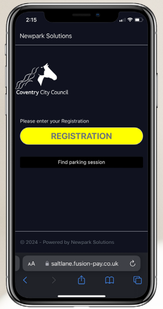




Virtual Pay Station

The Virtual Pay Station gives users the opportunity to pay for their parking by simply scanning a QR code displayed in the car park. The QR code will take the customer to a screen which enables them to complete the entire payment process from their mobile phone. Not only does this reduce queues at the pay stations, but it also offers the environmentally friendly feature of e-mailing receipts.

- Convenient option for fast payment
- Avoid queues
- Compatible with any car park
- Email receipts
- Environmentally friendly



AutoPay

AutoPay is a key feature of the Trust App that provides for a seamless journey for drivers.

With card details saved in the App, and AutoPay enabled, the driver doesn't need to think about paying, they will be let out of the car park and automatically charged, with a receipt waiting in their inbox.



Management System - Fusion Central

Fusion Central is the Newpark car park management system, tying together vehicles, payments and exceptions in one cloud-based system that includes strict user roles, allowing Administrators to control who has access to each feature.

The system provides real-time information on every element of the car park, from images of vehicles read through ANPR, to coin levels in Fusion X machines, or how many times a particular vehicle has accessed the car park.

The system is also highly manageable, allowing users with appropriate login credentials a variety of tools, including:

- Blocking of vehicles
- Notification of when specified vehicles enter the car park
- Creation of events to reduce parking charges for certain visits
- Creation of site memberships
- Management of permits and discounts
- Raising or lowering barriers
- Resetting or turning equipment on and off





One of the key features of Fusion Central is the membership function, which allows car park managers to create different groups of drivers which can access different car parks, for example not allowing registered staff vehicles into a visitor car park, or only allowing certain vehicles into a particular car park during trading hours.

The membership function also allows for members of each group to pay different tariffs, for example staff may pay a lower tariff.

Membership and other discounts can also be tied in with tablets or the P300 which allows drivers to be entered onto into a group during their visit, for example a guest in a hotel may enter their number plate into the tablet or P300 at Reception to receive a lower, fixed-rate parking tariff.

The system is equally effective on PC, Laptop, Phone or Tablet and Report Manager for reporting and analytics.

Additional Software

Pre-booking

The Newpark pre-booking system allows for drivers to pre-book spaces in the car park. The system is highly adaptable, allowing auto-allocation, season tickets, permanent allocation, release of spaces and virtual queuing systems. Pre-booking makes managing limited office or residential block parking spaces simple.

Pre-booking includes:

- Dedicated website and portal
- Staff login with Admin controls
- Automatic or manual space allocation
- Permanent space allocation
- Release of spaces when not required
- Virtual waiting lists
- ANPR controlled barrier entry
- Reporting

Tap-in-Tap-out

The Newpark systems can be setup to use tap-in-tap-out software to allow drivers to tap their credit / debit card at the entry to enter the car park, and then tap again at the exit barrier to allow exit and take payment from the card

Variable Charging by Vehicle Type

The Newpark systems allow for variable charging by vehicle type, allowing clients to charge to most polluting vehicles more than newer, cleaner vehicles

Variable Charging by Time

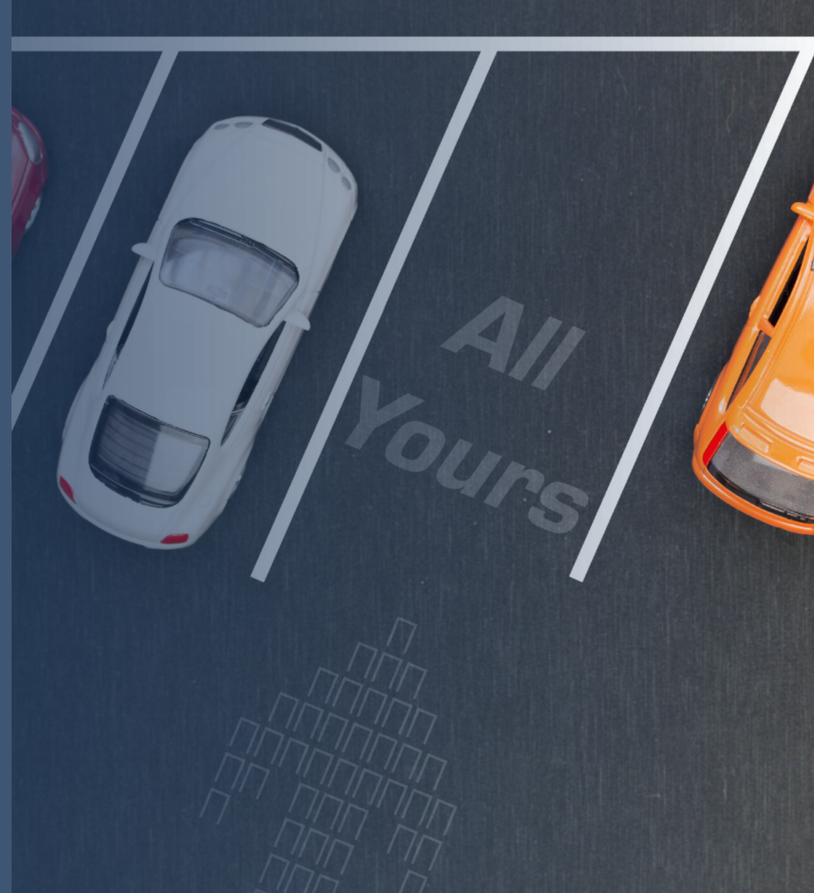
Allowing clients to vary the charging rate for the car park to allow lower charging during quiet periods, or higher charging during peak times.

Blue Badge Reading

Without any accessible National Blue Badge database, Newpark systems allow clients various ways of offering reduced cost, or free, parking to Blue Badge users. These include pre-registration databases with Geo-fencing that links drivers to vehicles or scanning of Blue Badges at pay stations

API Links

The car park data that Newpark can generate can aid clients in managing their car park, Newpark APIs can link to city centre space counting signage, Parking Operators PCN systems or client staff membership systems



Access Control



Barrier

Newpark Solutions work at their best with barriers linked to ANPR cameras. We generally work with ELKA barriers and are UK suppliers of these.
The barriers we supply are available with 2 metre to 5 metre booms, or include a number of standard safety features as well as optional extras.



Door Reader

For car parks that require additional security, the Newpark systems can include door readers, whereby access through electronically controlled doors is achieved by the driver entering their registration number onto a screen outside the door, allowing for the door to unlock and/or open if a vehicle matching the registration is parked within the car park.

The door readers can also be setup to use swipe card access, to control access to staff car parks or secure service areas.



Intercom

Newpark work with world leaders Commend to deliver intercom systems in pay stations, entry or exit lanes or for driver information/help points around the car park. We offer a range off solutions, including video calling.



Access Control Gates & Shutters

For car parks with security issues, Newpark can supply ANPR controlled security gates or shutters that are linked to the Newpark systems, controlling access and egress through ANPR.



Signage





Whatever the car park, driver signage is an important part of the user journey. At Newpark we offer a range of bespoke signage, utilising our in-house design teams.

Information and Tariff Signage

Our in-house design team can design signage within client branding requirements, or without branding if required. Where clients are using the Trust App or a Virtual Pay Station, this information and related links can be included on the signage, along with any further information required by the client

VMS Sign

A driver information, usually located at the entry and / or the exit to the car park, providing drivers with information such as where there are spaces in the car park, the recorded registration number, where to park or “Thank you for visiting”. VMS signs can be programmed to allow clients to amend the messaging as required

Directional Signage

Digital signage, linked to the Newpark software to direct drivers to where there are available spaces on sites where there are multiple car parks or zones

Digital Signage

A modern, bespoke, version of the VMS signage, highly adaptable with the ability to display moving graphics, local weather or traffic reports and much more!

Spaces/Full

A simple electronic sign at the entry to the car park, indicating to drivers whether or not there is spaces available in the car park



Getting Started

At Newpark, we love nothing more than working with car park owners, managers and operators to help them get the best out of their car park, whatever their priorities might be.

Our teams review the car park, discuss priorities with client and put together a bespoke proposal to describe how Newpark can use our solution can help achieve those priorities.

Of course, some clients are very clear on their desired solution and are prescriptive in their requests, in these situations the Newpark team will provide a solution that matches these requirements.

When a client decides to move forward, there are several ways to secure the Newpark solution, including a traditional purchase and maintenance contract, lease-purchase and lease-hire.

Once the Newpark solution is live, we don't leave it there! Every client is assigned a dedicated Account Manager to continually review the solution and work with the client to help achieve success for the car park.



Over

£65,000,000
of revenue generated through Newpark systems annually

175

1500 TYTON cameras in use

110,000+ parking spaces using Newpark systems

Car

8 car park operators using Newpark equipment

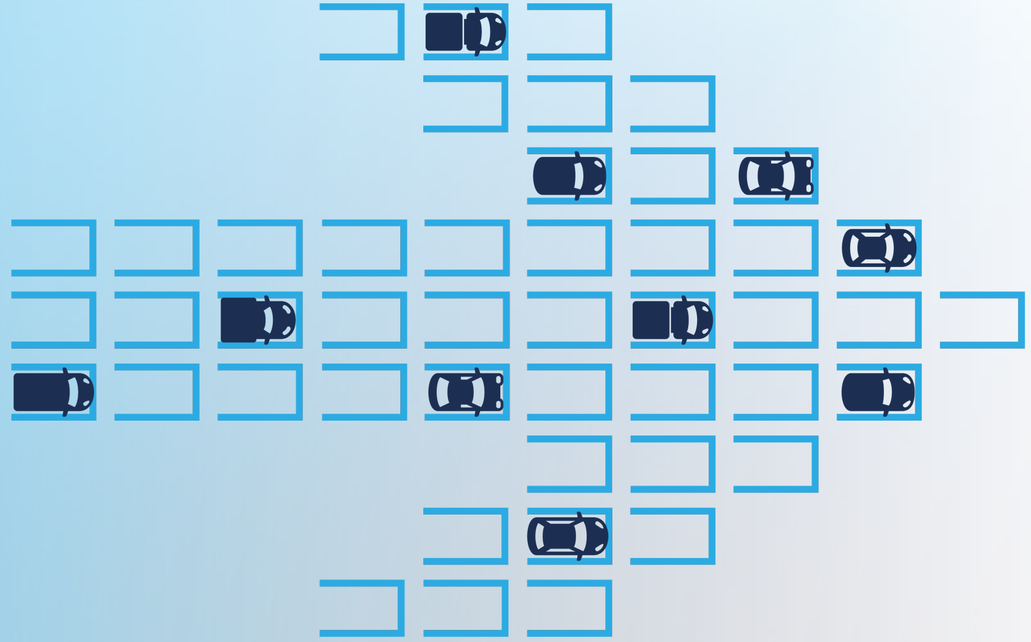
850,000
Trust App transactions annually

45,000,000+ vehicles parked annually

Parks

47 Hospitals operating with Newpark systems

450,000
Trust App registered users



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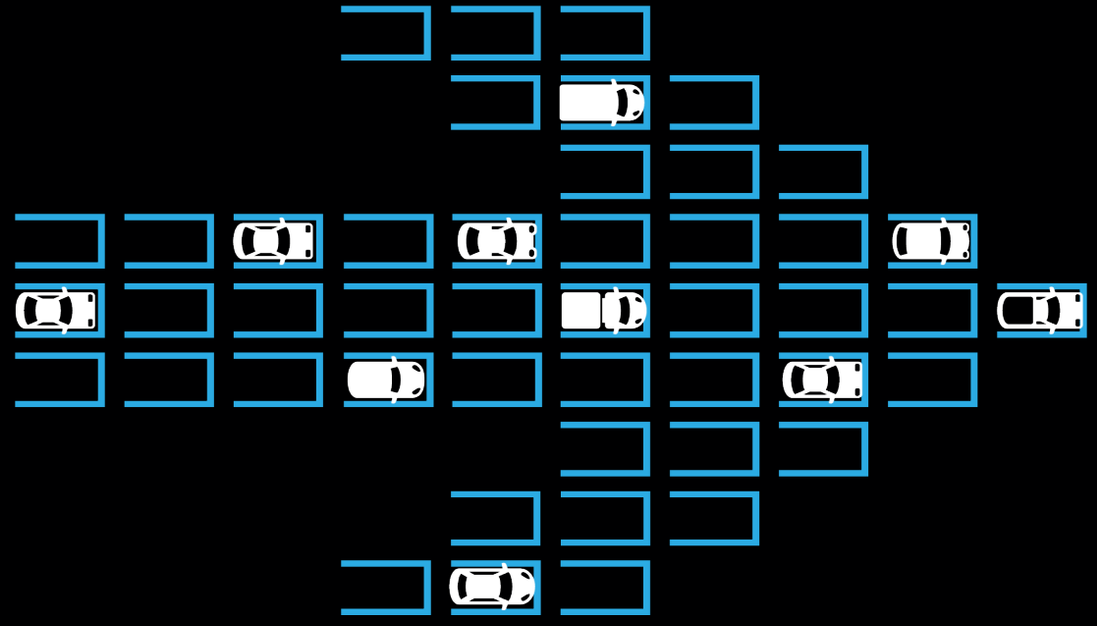

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