



watermelon

Contactless digital parking systems



NFC & RFID



Licence Plate  
Recognition



QR Code



Pin Code



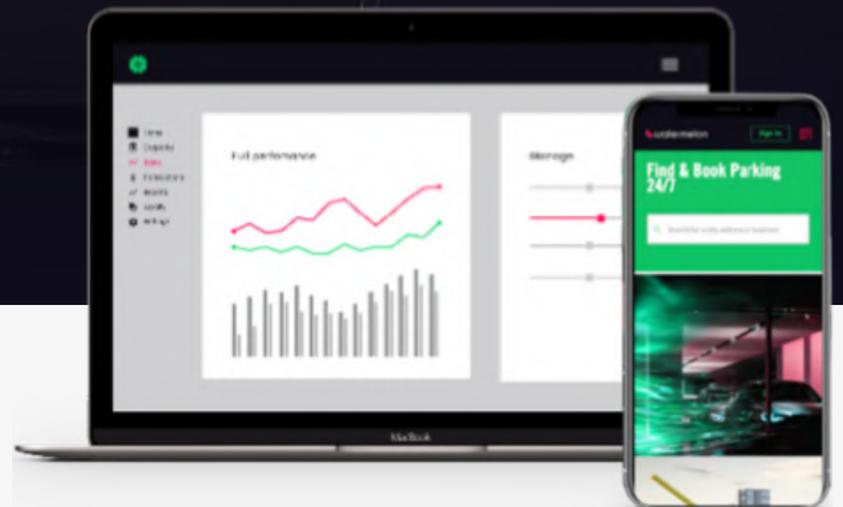
Tap & Go

Refreshingly simple  
parking solutions.



# Refreshingly simple

## Parking Solutions



Watermelon is a leading edge technology solution that combines powerful integrated car parking management with a simplified digital user experience.

### Leading car park technology

The Watermelon platform has been designed from the ground up as a fully cashless and paperless answer to the world of parking.

By eliminating cash handling, ticket issuing and paper receipting, the operational cost of Watermelon's cashless technology is significantly less than half that of the traditional cash and paper based systems.

The Watermelon design team brings together car park operators, parking software analysts, technologists and payments experts in the creation of a new level of sophisticated, but simple to use systems.

Powerful software management and reporting systems from decades of industry experience in the parking industry complement compact digital user interface modules to produce refreshingly simple parking solutions for you and your customers.

### Innovative features:

- Credit card, phone, LPR, RFID & QR access and exit options
- Paperless electronic receipting
- No tickets. No paper receipts. No cash.
- Low cost of ownership based on a digital approach
- Cloud based technology
- Integrated software management solutions
- Real-time car park performance monitoring



RFID



LPR



PIN



NFC



EMV

# About Us

## Pioneering Parking System Technologies

### Our Story

The Watermelon contactless parking system is an Australian owned and developed parking system and is the latest product offering by PARKIQ – the parking technology company established by Brett and Garth Mathews the original founders of the Secure Parking Group.

PARKIQ have been responsible for innovating and delivering world first technologies in the parking industry such as car park booking systems, car park credit cards, parking loyalty & rewards systems and parking data reconciliation and reporting systems.

The parking technology developed by PARKIQ was originally developed for and used exclusively within the Secure Parking portfolio and is currently used across 100s of sites worldwide and is a fundamental reason for the success of the Secure Parking business.

From 2020 this technology and the new Watermelon contactless digital parking system is now available to be used by private building owners and car park operators worldwide.

### Our Mission

PARKIQ harnesses 40 years of experience operating 1000s of car parks and 100s of different types of parking technology worldwide.

This experience has been embedded in the design and development of our systems resulting in simple and user-friendly platform with the latest features and functionality to enable building owners and operators to efficiently and intelligently operate their own car parks.

Our systems are designed to ensure maximum convenience to customers and equip building owners and operators with the tools to operate their car parks with the lowest possible operational and maintenance costs and offer the highest level of stability and reliability to ensure that the car park performance and profits are maximised.

The digital and cloud-based architecture of the system has been designed to evolve with new technology advancements and the adoption of new technology in the mobility and payments sector and allow for easy integration with third-party APPs.



Hardware

# Introducing the Watermelon Terminal

# Watermelon

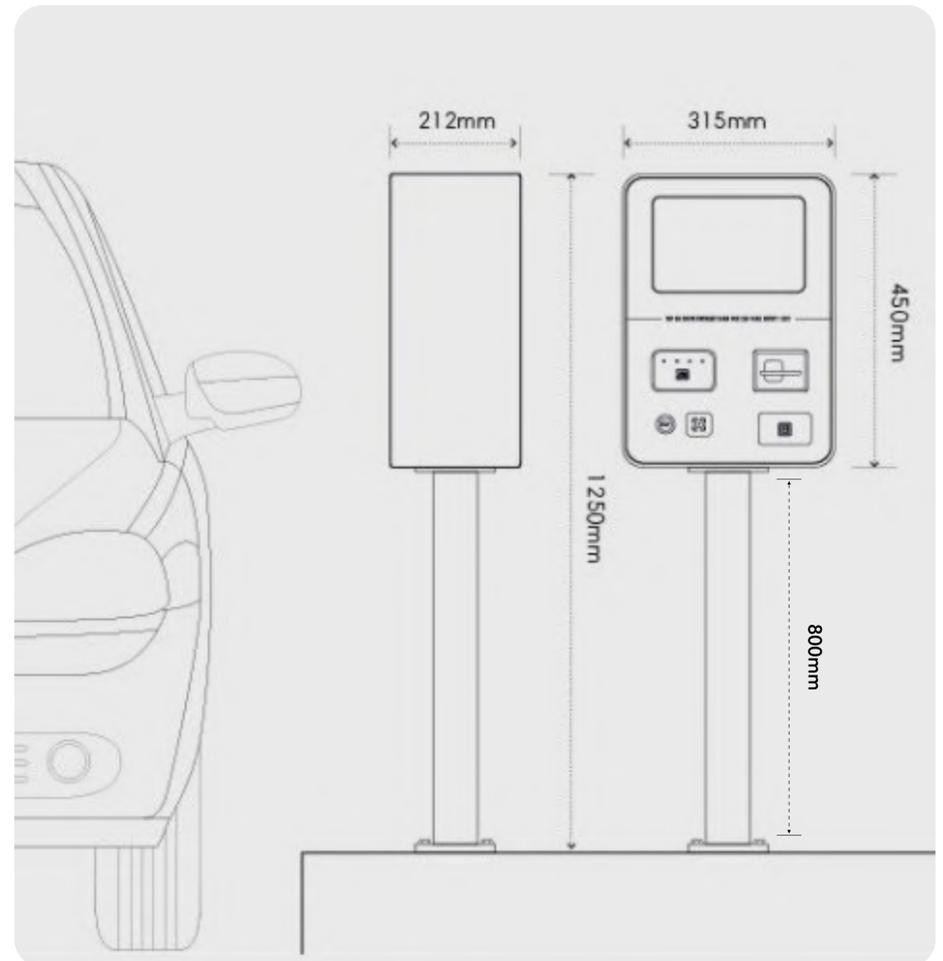
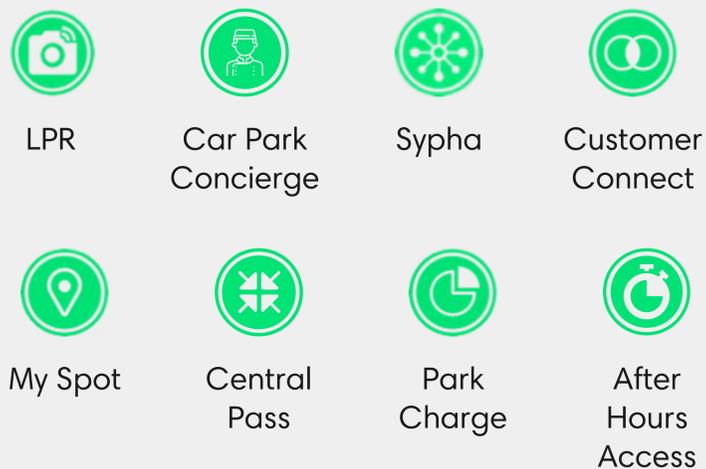
## System Features

- Entry terminal
- Exit terminal
- Cashless APS



The perfect parking solution. The Watermelon terminal is an incredibly compact and powerful system that is the users' window into a seamless set of software solutions that are scalable from the smallest to the largest operator.

### Watermelon comes with the following apps:



### Software

EMV Payment software
Electronic Receipt
Validation options
LPR (License Plate Recognition)
Back Office Reconciliation System & Rates Engine

### Optional Software Plug-ins

Online Booking
Loyalty System
Access Control
Billing System
Back Office Reporting Tool
Enhanced Back Office Reconciliation System

### Hardware

10 inch Android touch sensitive colour screen
EMV Credit Card Contact/Contactless Reader
Second Dedicated NFC Mifare Reader for access control
Validation Barcode & QR Code Reader
Electronic Receipt System
Audio Call Button & Hi Definition Speaker system
Compact Bollard Mountable cabinet
Loop and Boom Gate inputs
LPR Camera inputs
Cabinet rear security access door
Black powder-coat heavy duty metal cabinet
Quick Release Twist Grip cable connectors in pole
IP54 (processor and screen module)
12v – 24v power input
Dimensions 450 mm x 315mm x 212mm
Cabinet Weight 11.3kg
800mm Pole Height

One terminal, four configurations



1

## Entrance

The terminal can be configured for the point of entry. Customers can enter using one of the following methods: NFC & RFID, LPR, QR Code, Pin Code, Tap and Go.

2

## Exit

The terminal can also be configured for the point of exit. Customers can exit using one of the following methods: NFC & RFID, LPR, QR Code, Pin Code, Tap and Go.



3

## APS

The Watermelon terminal can be configured as an automatic pay station (APS) in the lobby of a car park. Customers are able to pay on foot when exiting the car park. The terminal can be fitted with or without a hood.

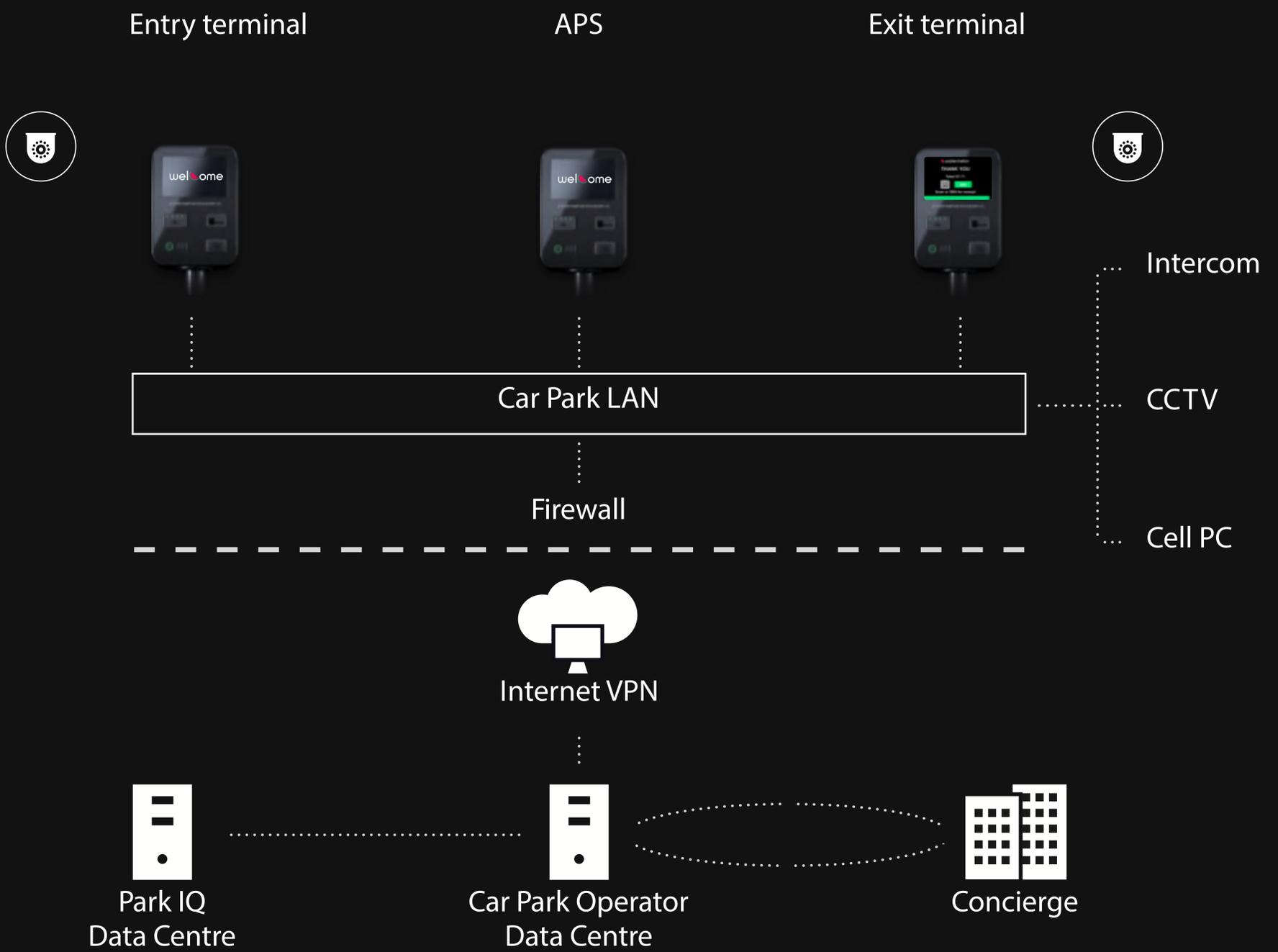


4

## APS Wall Mounted

The APS terminal can be wall-mounted for a cleaner, more accessible finish at any car park.







Software

# Our Software Ecosystem Gives You The Edge



# License Plate Recognition



Scan number plates on arrival

The Watermelon License Plate Recognition (LPR) system is a simple yet accurate system used for monitoring and capturing the license plates of vehicles that enter and exit your car park and can also be used as a security camera for streaming and recording video.

Watermelon LPR is much faster and more efficient than traditional access control systems and enables greater entry and exit point volumes which results in higher vehicle turnover and patronage at your property.

## Features

- On-board ALPR processing ensures performance and scalability
- Verification lenses to ease specification and design.
- Power over Ethernet Plus (PoE+) enabled to simplify deployment
- IP67-rated enclosure allows for operation in extreme weather conditions and harsh environments
- Built-in illumination for around-the-clock operation.
- Simultaneously read license plates and stream video
- On-board I/Os for integration to induction loops or gates

## Benefits

Equipped with high-resolution ALPR and context cameras as well as on-board illumination, it covers a wide field-of-view and provides high-quality images and video, day or night.

Watermelon LPR further enhances your customer loyalty program whereby the system can alert you members arrive and special offers can be made or a simple welcome message can be delivered to your VIP customers.

With processing on-board, only plate read data needs to be transferred over the network, this means decreased data load on the network and server as all the image processing and analysis is done in the unit. The cameras are not dependent on the server, hence providing uninterrupted coverage even when connectivity goes down.



## Specifications

LPR camera sensor 1280 x 960 @ 30 fps; monochrome; global shutter

Capture range Standard Range: 9-60 ft (3-18.25 m)  
Long Range: 60-115 ft (18-35 m)

Dimensions 2.5 in x 7.6 in x 8.5 in (63 mm x 192 mm x 214mm)

Weight 5.04 lb (2.29 kg)

Illuminator Pulsed LED illuminator for effective use in 0 lux (total darkness) environments 940nm, 850nm, 740nm and 590nm illumination wavelengths available

Context camera sensor (not in ITS model) 1280 x 960 @ 30 fps; color; global shutter

Operating Temperature -40°F to 140°F (-40°C to 65°C) ambient

On-board Analytics Single-camera speed estimation, direction of travel and virtual loop

Power supply PoE+ (Power-over-Ethernet) - 802.3at Type 2 (25.5 W)

Cabling Cat5e cable (special connector provided for IP67 rating)

Sealing (Water/Dust Protection) IEC 60529: IP66/IP67

Still image compression JPEG compression for ALPR and Context still images

Video streaming H.264 @ up to 30 fps; MJPEG @ up to 15 fps

External interface 1 x 10/100/1000 Base-T Ethernet port

60068-2-27: 10g | 16ms half-sine NEMA TS-2: 5~30 Hz | 0.5 g double -amplitude

Electromagnetic immunity & emissions FCC part 15 Subpart B | ICES-003 Issue 4 | CISPR32 / EN55032 | CISPR 24 / EN 55024

EMC Directive (CE marking) 2014/30/EU

External I/Os 2 inputs / 2 outputs (opto-isolated)



# Car Park Concierge

Car park management & customer support system



The Car Park Concierge system enables a premium level of support, assistance and security to your car park 24 hours a day 365 days per year.

## Automate your car park management

Car Park Concierge is a car park management and customer support system designed for automated man-less parking operations.

## Take control of your car park management

The Concierge system allows building owners and operators to remotely operate and manage the car park providing remote control operations over the key operational and customer service functions at the car park.

## Everything you need on one central platform

The Concierge system has deep functionality with a wide range of operational and management capabilities which enables you to centrally and remotely manage access rules and parking permits in real time.

## Reduce labour costs

Concierge allows you to reduce staff and offer a fully automated man-less car park which drastically reduces your onsite labour costs, service responsibilities and occupational health and safety risks.

## Fast customer and operational support

The Concierge is connected to your car park using high speed internet which enables control centre staff to solve operational problems and customer complaints quickly.



## Innovative features:

- Remote control operations
- Remote barrier gate open and close
- Complaints Resolution
- Transactions made in realtime
- Enhances customer service support
- Reduce labour costs
- Increased car park inancial performance
- Minimise risk
- Emergency car park access
- After hours access

Make the switch to Watermelon and experience the future of car park management

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**Sypha**

Clear reporting in real-time



Sypha leads the way in parking reporting and management systems for owners and operators.

It becomes the central nervous system of your business by automatically aggregating data from all your locations to form a perfectly clear picture of your entire operation.

Think of Sypha as the hub of your business, seamlessly pulling financial and operational data from all your car parks into one simple easy-to-access portal to assist you in making better business decisions.

### All data, one system

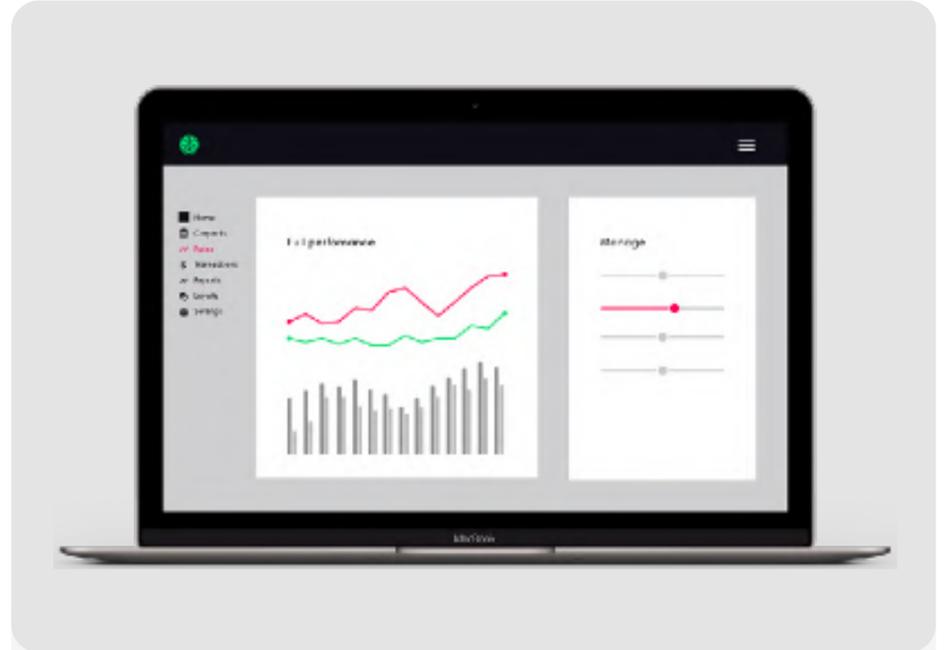
Sypha automatically gathers and compiles data to provide an integrated data set to assess your parking operations.

### Accurate data entry

Sypha saves time and minimises the risk of human error. Through your web portal you can access your data and always know the status of your car parks on a real-time basis.

### Scalable

Sypha provides intelligent information that will help you identify opportunities, analyse historical data and determine the need for changes in rates and tariffs.



### Innovative features:

- Real-time reporting & analytics
- Real-time transaction data
- Control who has access to your data
- Financial and operational reporting
- Daily shift procedures
- Rate projection
- Bank and cash reconciliation
- Rates management

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Customer Connect is more than just a loyalty program. It is a powerful tool at your fingertips to generate return through data and gain influence through targeted marketing campaigns.

Our technology allows you to identify each driver as a member with hands-free access control, while also allowing you to keep track of every visit, transforming parking into a membership system.



### Turn your brand into an asset

Brand loyalty is critical to the success of parking services. Customer Connect is the perfect solution to increase return business, while improving your service through direct promotions to your clients.

### Each customer is unique

Customer Connect is configurable for parking operations of any size, where returning drivers can be treated as loyal members of your brand.

All members have their own account ID and each visit is registered to enable you to follow their individual patterns of usage.

### Build targeted marketing

The real revolution about Customer Connect is under the bonnet, where a growing set off data enables you to better understand your customers.

With this information you can enhance your marketing programs to develop new levels of service and create a competitive advantage.

### Innovative features:

- Users can access multiple car parks
- User portal provides customers access to their account and history
- Certified secure payments portal
- Carpark administrators can instantly view the movement of users
- Automatic loyalty discount settings
- Centralised rates management
- Instant access control

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# My Spot

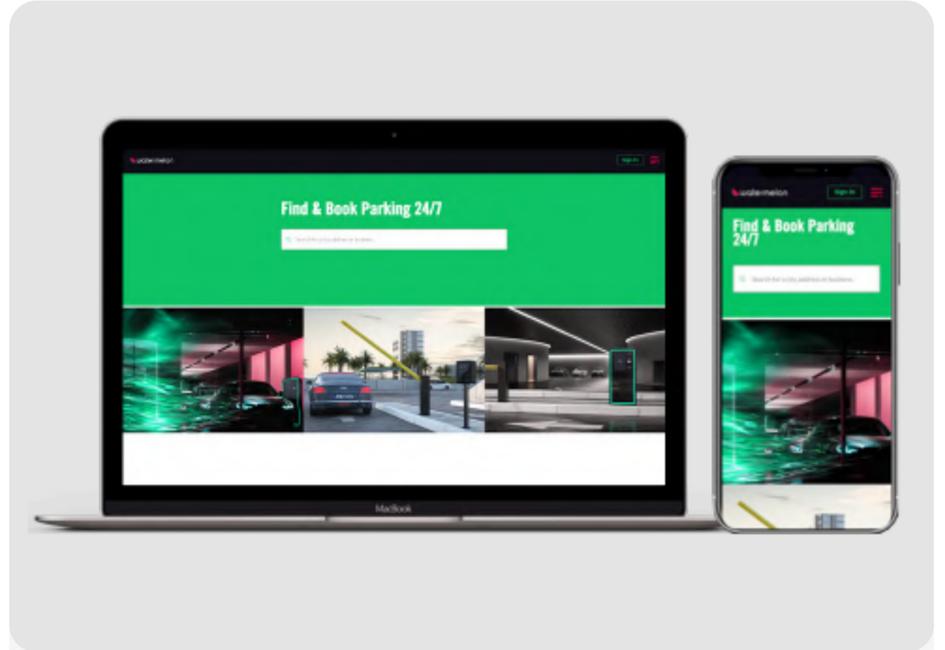
Book online, anytime



My Spot is a product of our times, a convenient way to book your parking spot anywhere, anytime.

It's perfect for large car parks in shopping centres, sport stadiums and office towers.

Immediate credit card payment minimises the risk of no-shows and facilitates access and exit control.



### Differentiation through innovation

My Spot is a simple, user friendly and cost-effective solution to help you stand out from competition, encourage loyalty and find new sources of revenue.

### Easy. Convenient. Intelligent

My Spot gives your customers the intelligent choice they need to book their spot.

You can even use it to book a spot on behalf of visitors in office and residential buildings.



### Innovative features:

- Users can access multiple car parks
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# Central Pass

One pass, any location



Central Pass is a centralised, easy-to-use access and fee management system, for your everyday parkers.

The system enables a seamless user access experience to multiple approved locations without the need for either multiple passes, or manual access procedures.

Central Pass enables centralised remote activation/deactivation of cards across all locations. It's fast, seamless and intelligent.

### Each Customer is Unique

All members have their own account ID and each visit is registered to enable you to follow the individual patterns of usage.

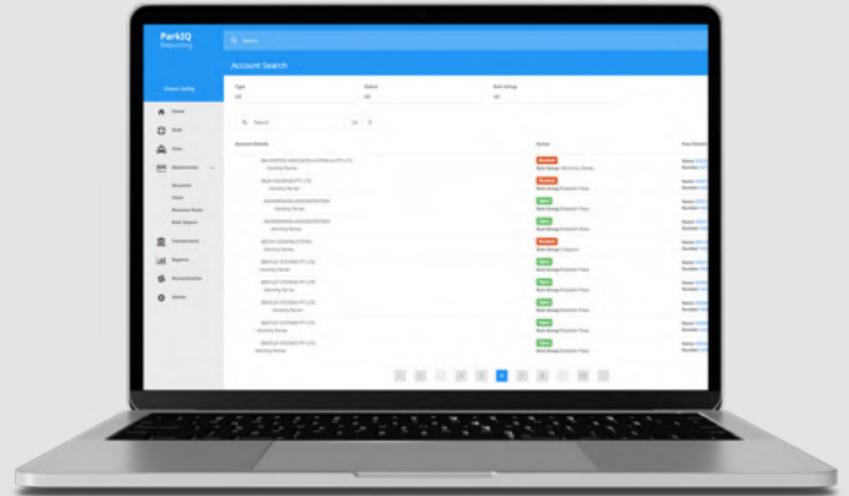
### Build targeted marketing

The real revolution about Central Pass is under the bonnet, where growing sets of data enable you to better understand your customers.

With this information you can enhance your marketing programs to develop new levels of service and create a competitive advantage.

### One pass, any location

No need for multiple passes for every location. Use one pass to access all approved locations. It's fast, it's seamless and it's intelligent.



QR



Card



NFC



PIN



RFID



LPR

### Innovative features:

- Centralised access management
- Easy-to-use user interface
- Carpark administrators can easily view and track the movement of users
- Instantly provide users access to multiple carparks

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# Park Charge

Invoicing, made easy



Park Charge is a one-stop invoicing system designed to suit parking operators of all sizes.

It integrates seamlessly into the Watermelon software suite as well as being configurable into your accounting system.

Park Charge is also full scalable across any size of parking operation allowing it to grow with your business, meaning that costly upgrades are a thing of the past.

### Real-time information

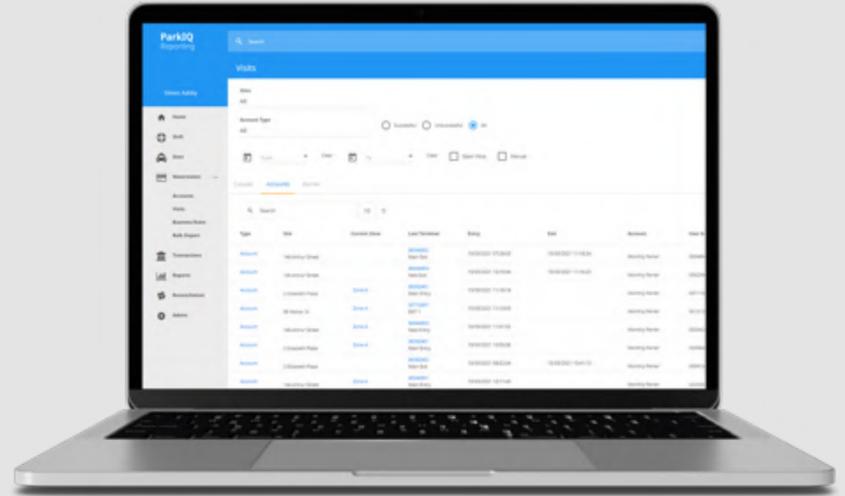
Park Charge creates an accurate, real-time financial profile of every account, combining lease provisions, age of debt status and revenue analysis by forecourt.

### Dynamic rates functionality

Maximise your revenue potential by using dynamic pricing to set rates based on predetermined occupancy levels. As the occupancy fluctuates automated pricing rules will adjust and update rates instantly.

### Invoicing made easy

Automated invoicing to individual users or corporate accounts, linked to account statements for users.



### Innovative features:

- Invoice individual users or corporate accounts
- Automated invoicing delivery
- Allows subscription-based models
- Dynamics rates functionality
- Real-time bay availability



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Heard of Software As A Service?

## Try Watermelons As A Service



### What is Watermelons As A Service?

Building owners and operators need to ensure they are offering the latest in mobility and payments technology in their car parks. In the past this has meant upgrading the parking systems and equipment every 5-7 years with expensive European made products requiring large capital investments and long depreciation cycles. At the end of the product life the parking technology has been superseded and is no longer relevant and does not meet the service standards of the time.

Over recent years, the parking industry has seen rapid development of new technology to more efficiently operate and deliver parking services. The trend from mechanical (moving parts) parking equipment to digitised cloud based systems as well as the introduction of online and mobile based services to help customers find a car park and make bookings and payments has led to parking technology evolving at a much faster and constant rate than ever before.

This has resulted in building owners and operators having the burden of selecting the latest parking technology available and then regularly upgrading the hardware and software (every 2-3 years) to ensure they can offer their tenants and customers the most convenient parking services available and with the rate of innovation in parking technology today its becoming even harder to keep up.

### Introducing Watermelons As A Service (WAAS)

The Software As a Service model is well known in delivering software services to consumers and businesses worldwide and has evolved to include not only the software but also the platforms related hardware and equipment's and has become the new standard in the delivery of technology platform services.

Watermelons As A Service is simply a combination of the parking hardware and software provided together as a subscription service model to offer building owners and operators the latest in parking technology and services and also includes the cost of installation and the ongoing maintenance, support and upgrades of the hardware and software over the term of the contract.

WAAS provides building owners and operators an **Evergreen Solution** that ensures building owners and operators are offering the most efficient and relevant parking technology services at their car parks that will continue to improve and evolve during its product life.

**WAAS combines the parking hardware and software together into a single monthly subscription fee without any upfront cost or capital investment.**

# The Advantages of WAAS

## Future Technology Today

WAAS is an investment not just in the latest in parking technology available today, but in the technology that will be available tomorrow. The result is a system whereby building owners and operators can deliver the latest and greatest parking technology to their tenants and customers at an affordable monthly fee.

## Technology FOMO

As new technology evolves and old hardware becomes obsolete building owners and operators are often left with a sense of technology FOMO. WAAS solves this problem by constantly upgrading and improving its hardware and software to ensure it is inline with the latest tech standards and customers trends.

## No Upfront Costs

WAAS rolls up the cost for the supply of the hardware, software, installation and the ongoing maintenance and support into one predictable monthly fee. The subscription fee then becomes an operating expense rather than a large capital expense.

## Maintenance & Support

We are responsible for the ongoing maintenance and servicing costs. This means we proactively maintain and service the system to ensure optimal performance whilst looking for cost saving opportunities in the product development.

## No unexpected costs

We are responsible for the replacement and upgrade of all hardware and software which means there is no risk of unexpected costs for hardware failure or redundancy. We are responsible for repair and replacement costs over the contract term.

## Cyber Security

We cover the ongoing cost and responsibility of cyber security and data security as well as PCI compliance. Our systems and servers operate within secure data centres with the highest levels of anti-virus and malware software and include data back up and redundancy to ensure the security of your data.

## Evolving Intelligence

The value of the investment grows over time as more and more data is generated which can then be mined and analysed to make more intelligent business decisions.

## Faster Implementation

Eliminating upfront costs makes implementation much faster as you are not waiting for sufficient funds to become available or for the capital expenditure to be approved. Our parking system equipment is developed and produced locally, providing a much faster lead time and stock availability in country.

## Customisation & Integration

The Watermelon parking system is locally developed by a team of English speaking engineers with more than 50 years of combined parking technology development experience. This allows us to quickly customise our system to meet the individual needs of building owners and operators and integrate to third party systems such as booking systems, APPS and financial systems.

## Customer Engagement

The WAAS model helps to maintain a stronger relationship between the supplier, building owners and operators. This is due to the ongoing nature of the subscription fee model and more regular interaction and closer cooperation.



Industries & Portfolio

# Building Better Parking Solutions Across All Industries

We service a broad cross-section of industries

## Hospitals



Parking should be the last thing on patient minds when they arrive at the hospital. Simplify and elevate your patients experience with easy-to-use, contactless and safe parking systems.

## Residential Buildings



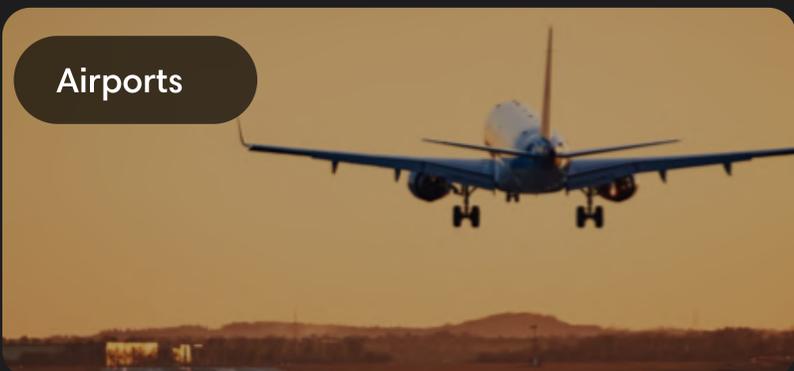
For today's modern resident, parking needs to be more than just space. Create a streamlined parking experience to match the modern inner-city lifestyle with easy-to-use self-managed mobile parking.

## Office Buildings



The best parking lots are those which are tailored to your office workers' needs. The Watermelon Parking system is designed to help office workers find the ideal parking spot quickly and easily, allowing them to get into the office sooner.

## Airports



We understand how stressful the airport can be. That's why our intelligent parking management system ensures travellers start and end their trip in the best and easiest way. Our cashless and ticketless system provides streamline entry and exit, making it more accessible to busy users.

We service a broad cross-section of industries

## Hotels



Our integrated parking solutions ensure users' trip to your hotel isn't hindered by difficult parking facilities, so they can make the most of their time away from home. The combination of our hardware and software technology alleviates stress for management and allows guests to spend more time enjoying your facilities.

## Shopping Malls



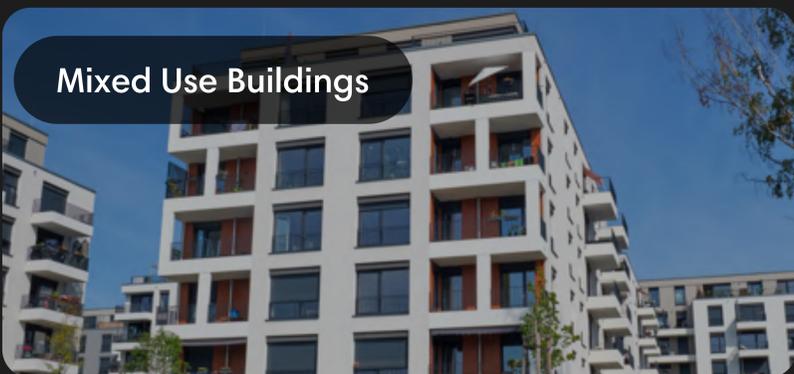
The parking lot is every customer's first touch point when entering your shopping complex; a negative experience can quickly influence their purchasing behaviours and stain the rest of their shopping experience. Our streamlined and customisable system is a more pleasurable experience for all. The Sypha system seamlessly pulls financial and operational data together in real time so centre management can generate reports and identify trends with ease.

## Public Car Parks



By implementing Watermelon Parking into your public car park, drivers will be returning time and time again. Management is made easier still with the Car Park Concierge, providing a premium level of support, assistance and security to your car park 24/7.

## Mixed Use Buildings



Our multifaceted system is flexible and adaptable to suit various user groups in the same space. Whether it's residential, commercial, cultural, institutional, or entertainment developments. Watermelon Parking's combination of reliable hardware and intuitive software is able to meet the complex requirements of even the most ambitious mixed use buildings.

Building better parking solutions, internationally



## 477 Collins Street Melbourne

### Australia • Corporate

477 Collins St features over 38 levels of office space and 410 car parking spaces, meaning an older parking management system wouldn't cut it.

That's where Watermelon Parking came in. When the futuristic Watermelon Parking terminal was introduced to the building, it unlocked an entirely fresh parking experience for drivers.



## 2 Elizabeth Plaza - Secure Parking

### Australia • Corporate

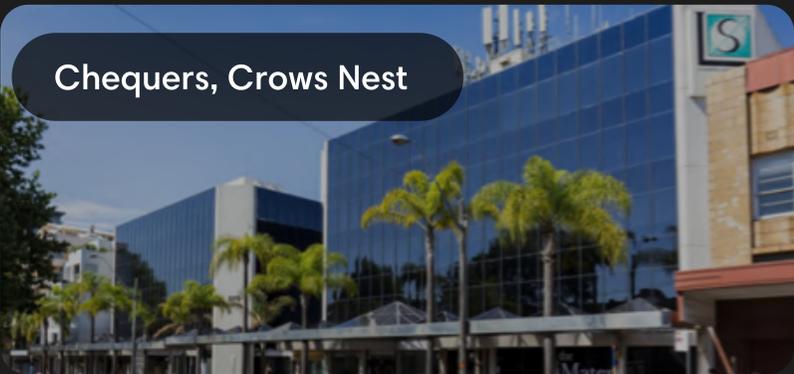
Watermelon Parking introduced new contact-free parking terminals at 2 Elizabeth St, helping reduce the spread of COVID-19 during the pandemic thanks to its state of the art automatic plate recognition system.



## 183 Monroe Garage, Chicago

### United States of America • Corporate

Over half of Chicagoan workers over 16 drive to work, so it was important for 183 Monroe Garage to facilitate a seamless experience for monthly parkers. Regular monthly parkers can create and manage an account. They can also use either NFC proximity cards, License Plate Recognition and QR code reader to enter and exit the car park.



## Chequers, Crows Nest

### Australia • Corporate

The Chequers Car Park now offers multiple modes of contactless access, resulting in a safer and more reliable parking experience for all. Our touch screen terminals are robust and allowed the complex to achieve a fast, contact-free transaction speed of less than 3 seconds.

Refreshingly simple  
parking solutions.



watermelon