

ParkMobile - Permits API Integration

Introduction

ParkMobile is a service that offers on-demand parking payments, similar to HotSpot.

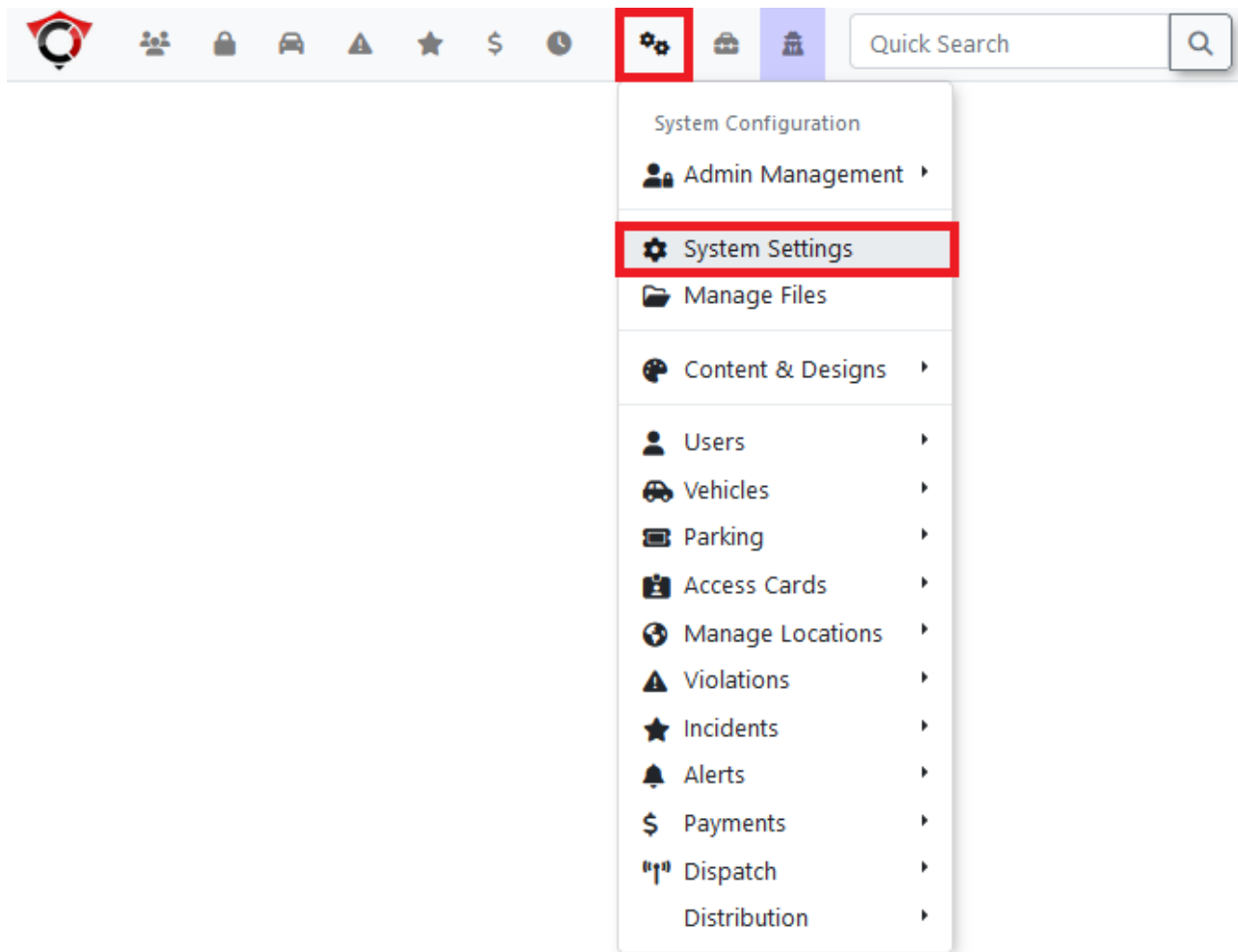
A system task is run at regular intervals to retrieve permits from the ParkMobile API, which are then stored in the local site as temporary permits.

Authorization Credentials

ParkMobile has a set of credentials that must be entered before data can be retrieved from their API.

These can be entered on the system settings page, which can be found under the menu tree:

- **System Configuration → System Setting**



ParkMobile System Settings

Before the system task can be run and allowed access to the ParkMobile API, the proper API credentials must be entered in the relevant system settings, found under third-party settings.

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Auth credentials for accessing ParkMobile API information.

ParkMobile Username

ParkMobile Password

ParkMobile X-API-Key

[Save Settings](#)

Required Credentials

There are three values that must be provided for the system to be allowed access to the ParkMobile endpoint.

These values should be provided to the client by ParkMobile itself.

- API Username
- API Password
- X-API-Key

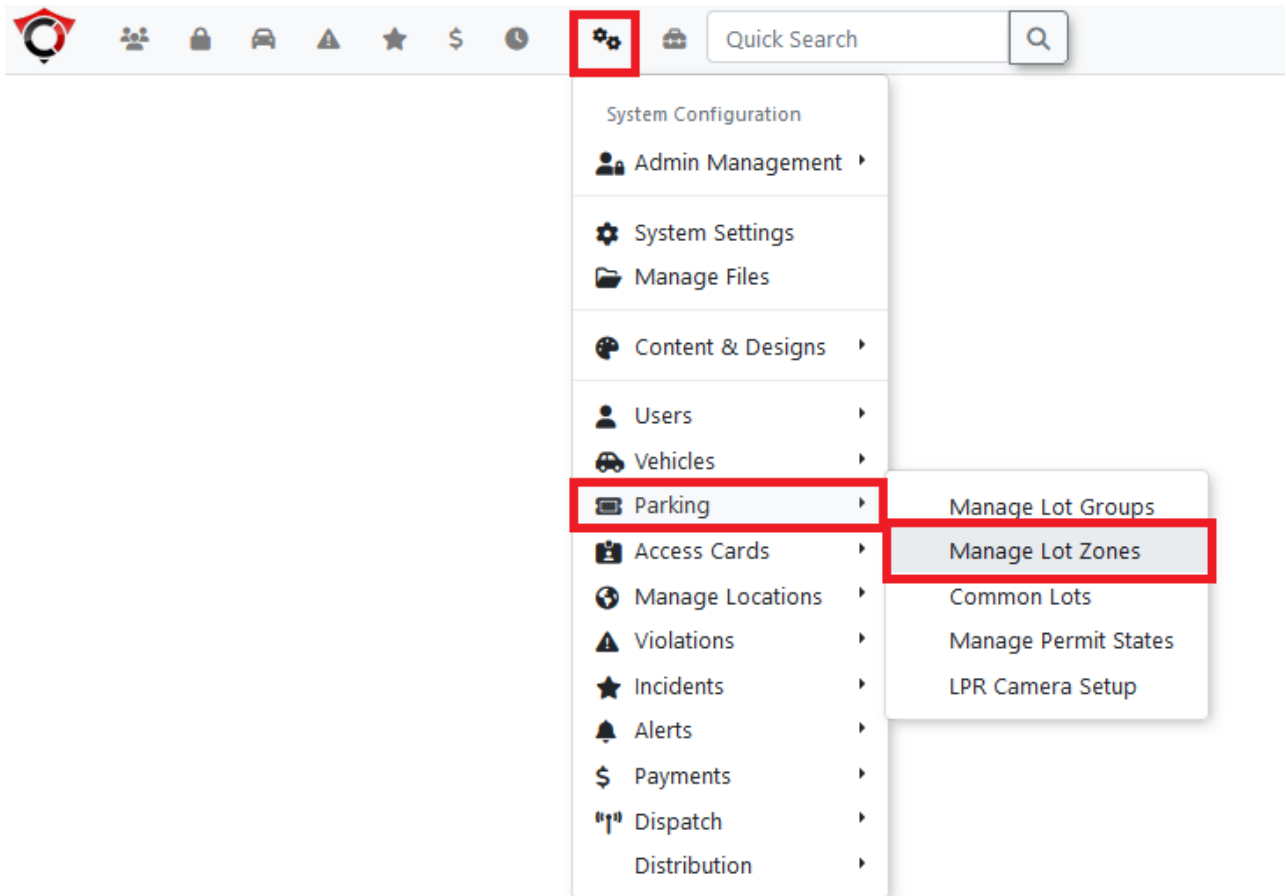
Lot Zone Setup

Permits will only be imported into the OPS-COM system if the ParkMobile lot zone has a corresponding lot zone with the same name in the OPS-COM system.

If the local lot zone does not already exist for the ParkMobile lot zone, one will need to be created.

The lot zone management page can be found under the menu tree:

- **System Configuration → Parking → Manage Lot Zones**



Lot Zone Management

To create a new lot zone, click on the **Add Lot Zone** button to open the add new modal.

Manage Lot Zones				Add Lot Zone ?	
Name	Short Name				
ADA		Edit	2 records.	Company Staff lot	ADA Temp Lot
Bike1		Edit	Delete		
BSL2		Edit	1 record.	Blue Tennent Lot	
BTL		Edit	1 record.	Blue Staff Lot	
Campus 1		Edit	Delete		
Campus 2		Edit	1 record.	Red Student Lot West	
DRL		Edit	1 record.	Physician Lot	
GSLE		Edit	Delete		
Hotel		Edit	Delete		

This will open the modal used to add new lot zones.

Add the ParkMobile lot zone name as the Name of the lot zone, and then click save changes.

This will add the new lot zone to the system, which can now be used to match to ParkMobile permits coming into the system.

Manage Lot Zones

Name

98401

Short Name

Close

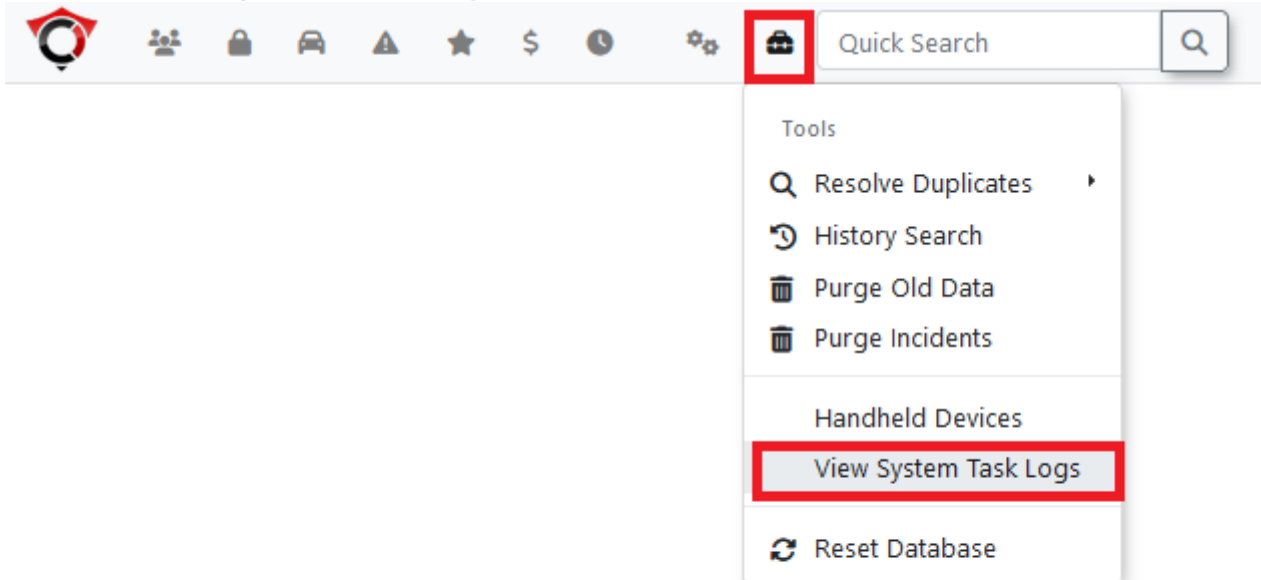
Save Changes

System Task

The ParkMobile system task is used to fetch permits from the ParkMobile endpoint and add them to the OPS-COM system as temporary permits.

System tasks can be found under the menu tree:

- **Tools → View System Task Logs**



System Tasks Page

The system task is named Fetch ParkMobile Stats.

Scheduled Tasks

Recurring Tasks						
Task	Enabled	Next Fire Time	Last Fire Time	Frequency	Logs	Stats ?
...	<input type="checkbox"/>	Logs	Stats
...	<input type="checkbox"/>	Logs	Stats
...	<input type="checkbox"/>	Logs	Stats
...	<input type="checkbox"/>	Logs	Stats
Run Fetch ParkMobile Stats	<input type="checkbox"/> Enabled	Never	Never	Every 3 minutes	Logs	Stats
...	<input type="checkbox"/>	Logs	Stats
...	<input type="checkbox"/>	Logs	Stats

The task must be enabled before it will run.

By default, it is set to run every 3 minutes.

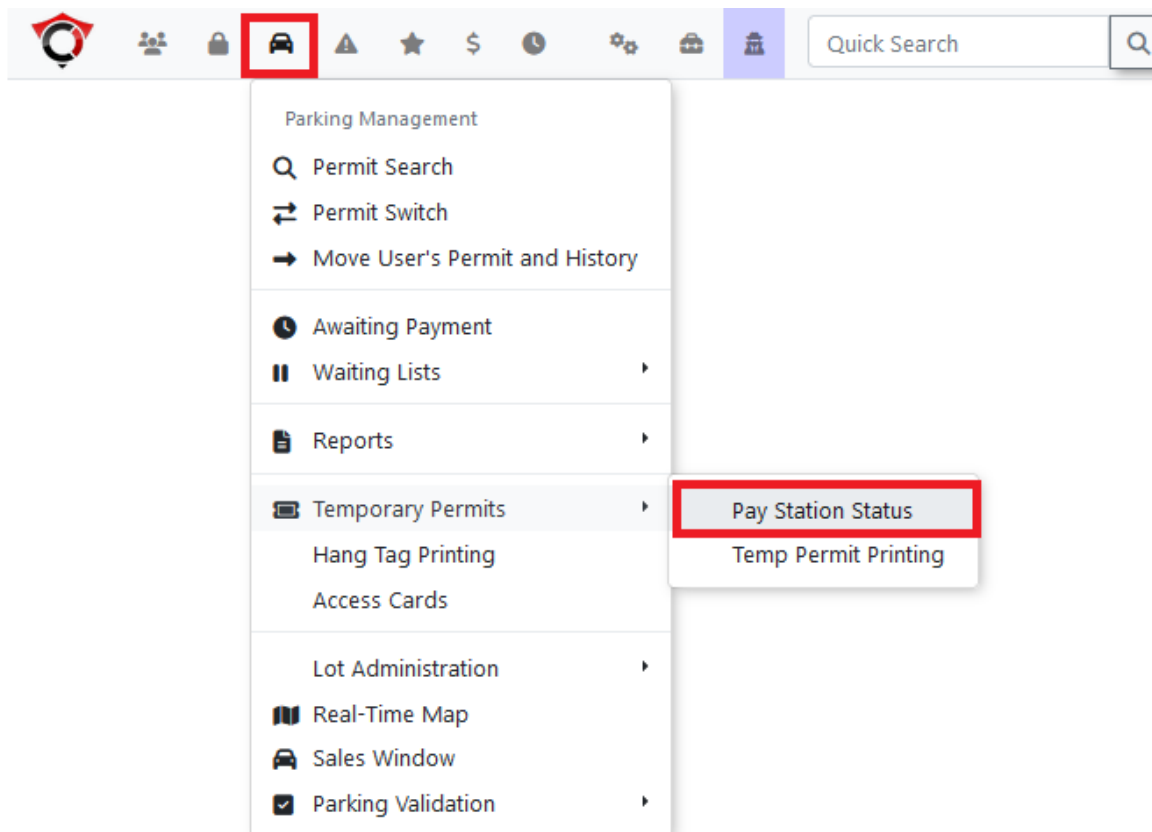
The task can also be run manually by pressing the **RUN** button next to the task name.

Imported Permits

ParkMobile permits are imported as paystation (Cale) records, and will appear anywhere these records are used.

They can be viewed using the Pay Station Status page, which can be found under the menu tree:

- **Parking Management → Temporary Permits → Pay Station Status**



Pay Station Status

On the pay station status page, enter the search information and press the search button.

Pay Station Status

Plate

PL8RDR

Provide full or partial Plate No.
Use quotes to do an exact match search. i.e. "ABC123"

Start Date

Up To and Including

May 31, 2024 @ 15:00

Zones

98401

Validity Filter

Show all records

Search

Any imported ParkMobile permits will be visible in the output results, marked by ParkMobile as the value listed in the Source column.

CopyCSVExcelPDFPrint

Show100entriesSearch:

Plate	Source	Start Time	End Time	Permit Received	Days : Hrs : Mins	Zone
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401
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	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401

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