

ParkMobile - Permits API Integration

Introduction

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

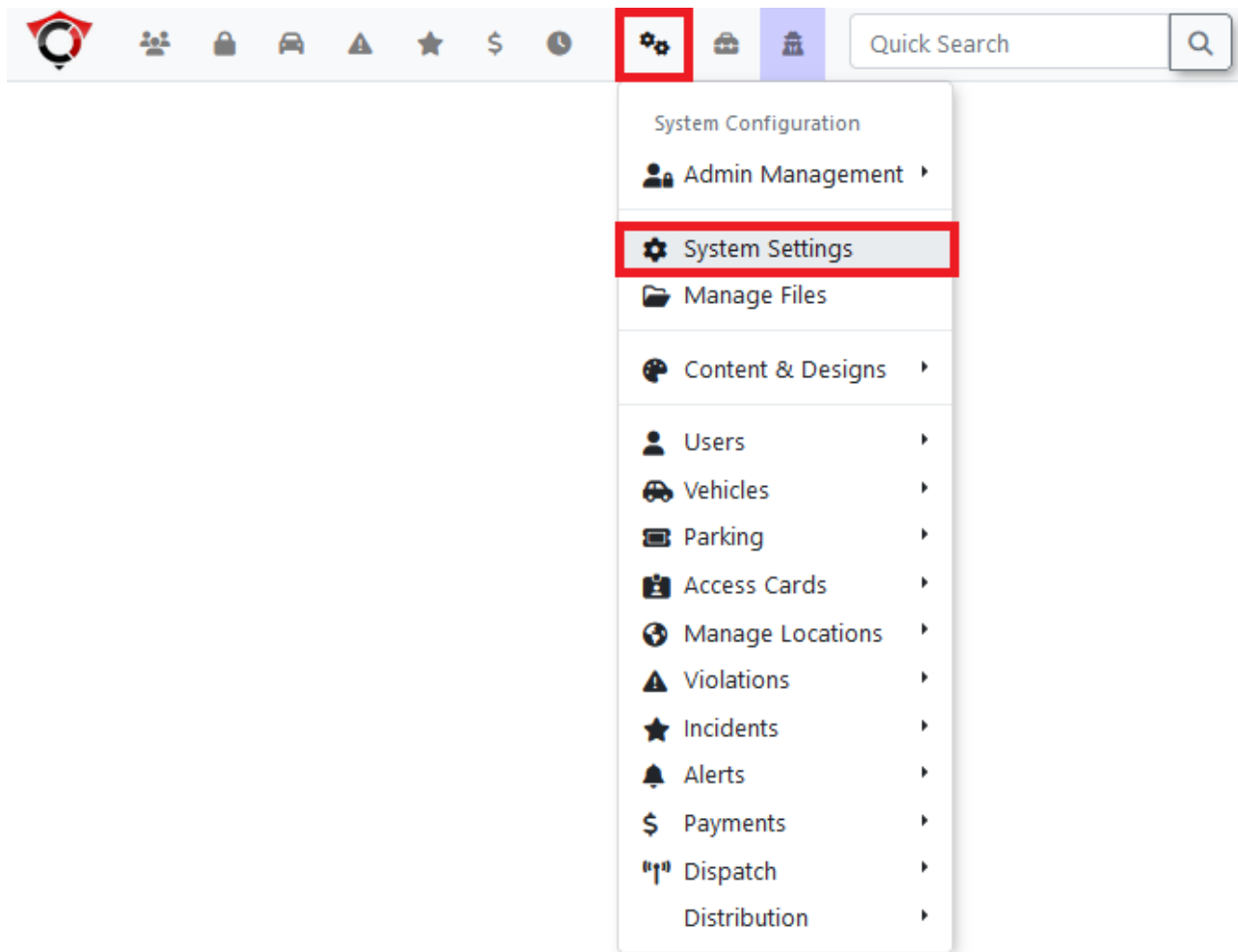
A system task is run at regular intervals to retrieve permits from the ParkMobile API, which are then stored in the local site as temporary permits.

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.

Components

General System Settings	42
Users	42
Authentication	42
Automatic Login	42
Session	42
Collection	42
Reports	42
Report Log	42
Index	42
Index	42
Workflow Service	42
Workflow	42
Lightweight Workflow Index Protocol	42
Logging	42
Index	42
Source Role Recognition	42
Reports	42
Index	42
Index	42
Index	42
Third Party	43
User Profile	42
Workflow	42

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

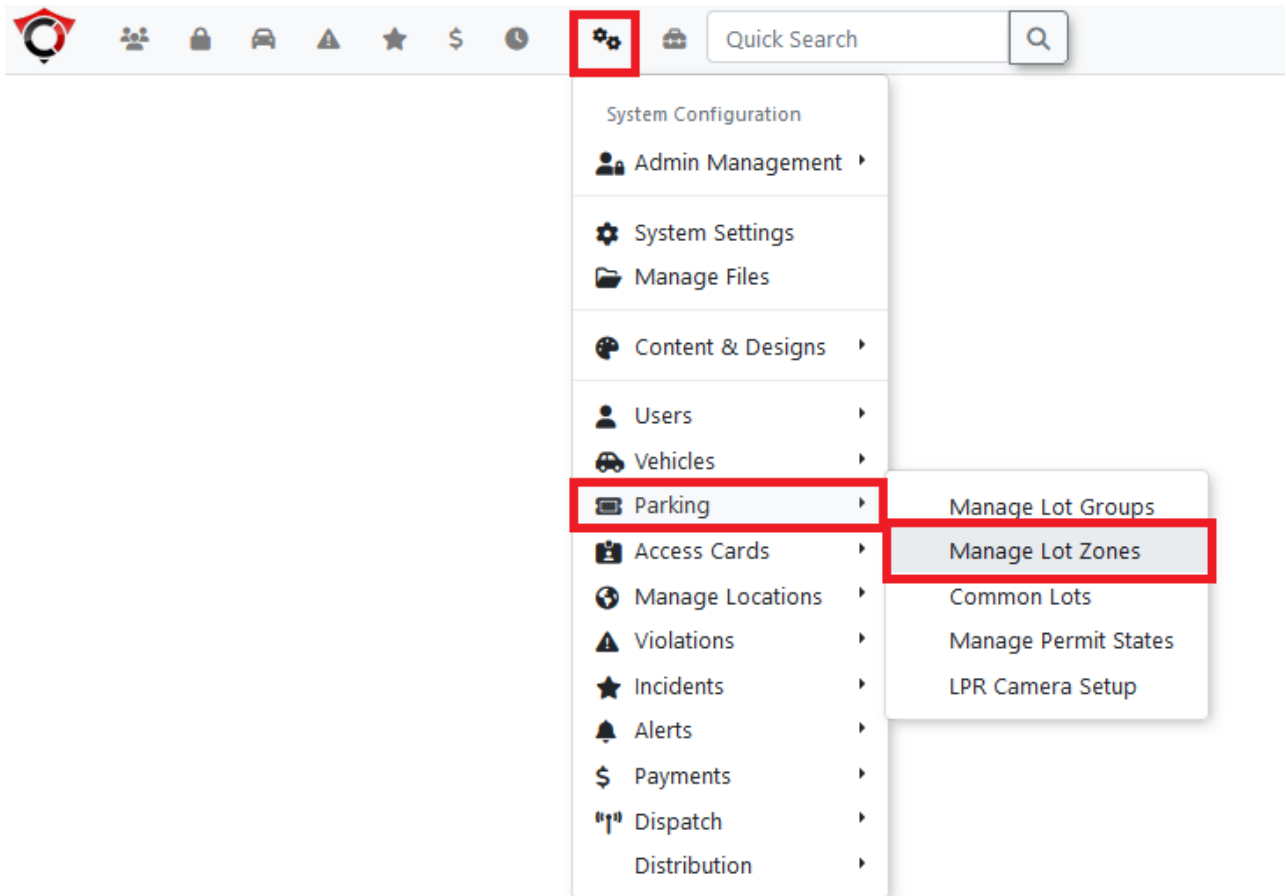
Lot Zone Setup

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

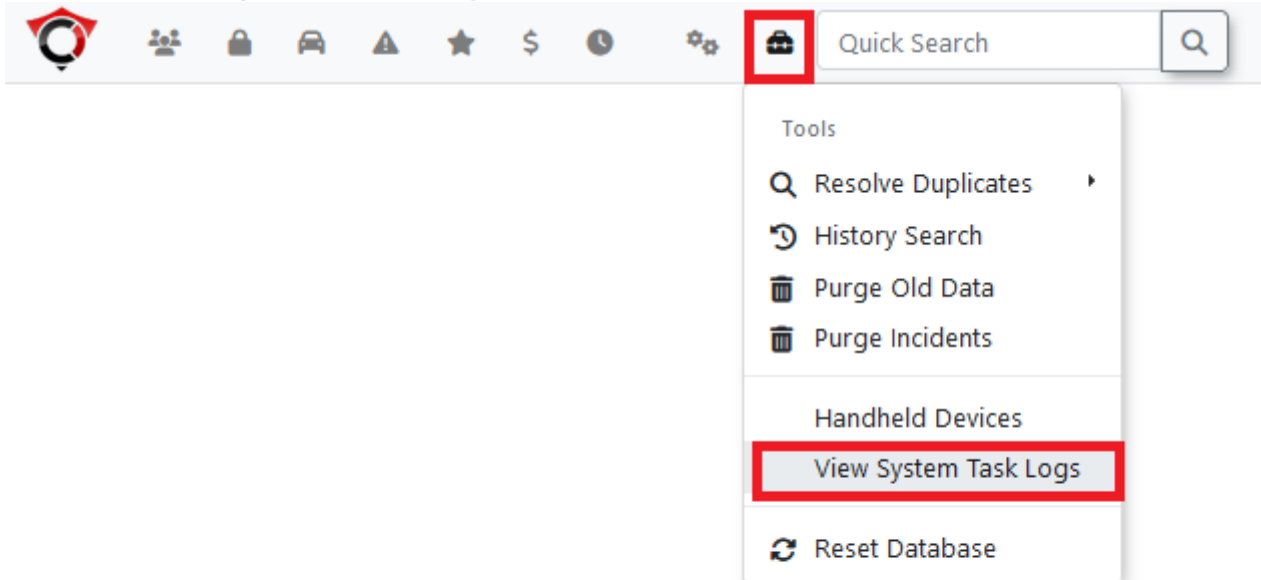
Save Changes

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
Task 1	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 2	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 3	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 4	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 5	<input checked="" type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 6	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 7	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 8	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 9	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 10	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 11	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 12	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 13	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 14	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 15	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 16	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 17	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 18	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 19	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 20	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 21	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 22	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 23	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 24	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 25	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 26	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 27	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 28	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 29	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
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Task 41	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 42	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
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Task 55	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 56	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 57	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 58	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	
Task 59	<input type="checkbox"/>	Next	Next	Every 1 minute	Logs	

The task must be enabled before it will run.

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

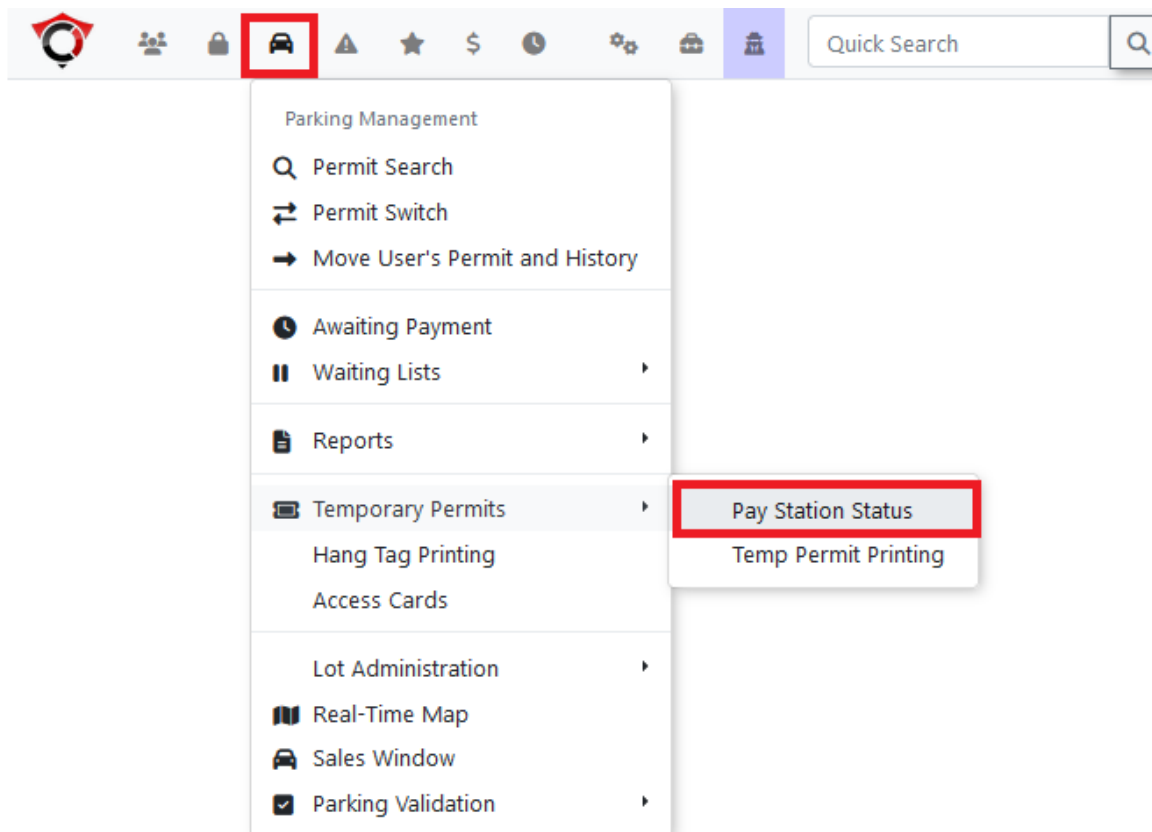
The task can also be run manually by pressing the **RUN** button next to the task name.

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
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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
	ParkMobile	May-17-2024 5:00 am	May-19-2024 1:00 pm	May-10-2024 2:09 pm	2 days	98401

Showing 1 to 10 of 10 entriesPrevious1Next