Real-Time Parking Map

> The Real-Time Parking Map feature provides a publicly accessible, interactive map displaying real-time lot availability. Its primary purpose is to allow users to easily find parking and purchase temporary permits directly from the interface, while simultaneously providing administrators with live lot statistics. This article is intended for OperationsCommander (OPSCOM) administrators.

Setup and Configuration

Setting up the map requires creating a public-facing page and then configuring each lot that you want to display on that map.

> To use this feature, you must first contact an OPSCOM support staff member and have them enable it on your production system.

Adding the Map to an OPSCOM Page

A Map page is provided by default at this link: `[CLIENT NAME][.ops-com.com/u/#/realtimemodal](https://.ops-com.com/u/#/realtimemodal)`. If you would like to display the map on any other system messaging pages, such as the user login screen, follow these instructions:

1. Hover over **System Configuration**, click **Content & Designs**, then **Pages and Content Blocks**.
2. Create a new page or edit an existing one that will host the map.

3. Add the `[real-time-map]` and `[real-time-legend]` shortcodes into the content area, ensuring each is on its own line.

Configure Individual Lots

For each lot you want to display on the map, you must configure its map marker and temporary permit settings.

1. Hover over **Parking Management**, hover over **Lot Administration**, and click Pricing and Lot Admin.
2. Select the lot you wish to edit and click the **Zones and Location** tab.
3. Set a map marker and enter a public-facing description in the **Location** field.
4. Click the **Temporary Parking** tab for the selected lot.
5. Set the **Maximum number of Temp Permits**, a 30-day usage setting, and the **Daily Cost** and **Hourly costs**.
6. Enable the **Allow this lot to appear on the Real-Time Parking Map** checkbox to finalize its visibility.

Configure Special Spots (Optional)

1. Hover over **Lot Administration** and click **Manage Special Space Types**.
2. Click the **Add New** button to create informational categories such as 'Electric Vehicle Charging' or 'Handicapped Accessible'.
3. Navigate back to the specific lot within the Pricing and Lot Admin module.
4. Click the **General** tab and enter the number of spaces available for each **Special Space Type**.

Using this Feature

Once configured, the map is immediately accessible to both the public for finding and purchasing parking, and to administrators for viewing live lot statistics.

Public User View

1. Navigate to the public map URL (e.g., `[https://yourdomain.parkadmin.com/real-time](https://yourdomain.parkadmin.com/real-time)`).
2. Hover over a map marker to quickly see the lot name and description.
3. Click a map marker to display detailed availability and information about special spots.
4. Click the **Book Now** button to proceed directly to the temporary permit purchase screen.

Administrator View

1. Hover over **Parking Management** and click **Real-Time Map** to open the internal view.
2. Click on the map markers to display detailed lot statistics. This includes Pay by Plate machine capacity (if applicable), all other spaces availability, and special spaces (such as handicap and pregnancy spaces).

Best Practices and Considerations

- **Verify temporary parking configurations: The Real-Time Map is specifically designed for temporary parking.** A lot will not appear on the map unless all the required fields on the Temporary Parking tab

are correctly filled out and the feature is enabled with the checkbox.

- **Write clear public descriptions: Write clear and helpful descriptions in the Location field under Zones and Locations.** Because this text is highly visible to the public when they hover over a map marker, it should be used to provide useful context, like "Visitor Parking - North Campus".

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