

OperationsCommander - <https://opscom.wiki>

Using the OPSCOM-ARC System Dashboard & Widgets

The System Dashboard is a fully customizable, widget-based analytics interface built directly into the administrative portal. Its primary purpose is to allow administrators to visualize organizational data, track key operational metrics, and create personalized reporting views using a drag-and-drop grid. This article is intended for OPSCOM administrators responsible for monitoring system analytics and managing operational data.

Setup and Configuration

This feature is a core administrative tool used to display graphical and tabular representations of your operational data.

Admin Side: Administrators must have the appropriate system role permissions enabled to view, edit, or set default dashboards. Access to specific data within the widgets is automatically restricted based on the administrator's existing system permissions.

Using this Feature

Administrators can use the following instructions to create custom dashboards, manage layouts, and configure individual data widgets.

There are two distinct dashboard types. The **General Dashboard** is the main operations dashboard accessible by clicking the OPSCOM logo, surfacing organization-wide data. The **Admin Dashboard** is shown when viewing a specific admin's profile page and automatically filters data to that specific user.

Creating a Dashboard

1. Click the **+ Create Dashboard** button on the Dashboard homepage.
2. Enter a descriptive title in the **Name** field.
3. Select **Private** (only you can see it) or **Visible** (any admin with browse permissions can view it) from the visibility options.
4. Click the **Create** button to immediately open the new workspace.

Editing a Dashboard Layout

1. Toggle the **Edit Mode** switch located in the toolbar.
2. Drag widgets by their header to reposition them on the grid.
3. Drag the bottom-right corner of any widget to resize it.
4. Click the **Save Layout** button in the toolbar to persist the grid positions.

Adding and Configuring Widgets

1. Toggle the **Edit Mode** switch in the toolbar.
2. Click the **+ Add Widget** button to open the widget gallery.
3. Click a specific widget card to add it to your grid.
4. Click the **Settings** icon on the new widget header to open the configuration modal.
5. Select the appropriate metrics from the **Data Source** drop-down menu.

- 6. Configure the specific Display Settings and Filter Settings for your required view.
- 7. Click the **Save** button to apply the configuration and fetch the data.

Available Widget Types

Widget Type	Description
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Graph	Displays data as an interactive chart. Supports Bar, Stacked Bar, Line, Pie, and Doughnut styles.
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Filterable Graph	Identical to the Graph widget but includes an inline filter dropdown displayed directly on the widget header for real-time
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List	Displays data as a sortable, paginated data table. Ideal for raw record-level views (e.g., individual violations or LP R records)
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Map	Displays geocoded records as pins on an interactive map. Supports pin clustering, color-coding by age, and dra
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Admin Info	A read-only profile summary card displaying the name, role, and contact details of the admin currently being na
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Incident Association	Displays incident association data relevant to the specific dashboard context.
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Available Data Sources

D	C	C
a	o	o
t	m	m
a	p	m
S	a	o
o	ti	n
u	b	D
r	l	i
c	e	s
e	W	p
	i	l
	d	a
	g	y
	e	a
	t	n
	s	d
		F
		il
		t
		e
		r
		S
		e
		t
		ti
		n
		g
		s

V i o l a t i o n S t a t s	G r a p h , Fi lt e r a b le G r a p h , Li s t, M a p	Fi lt e r b y p a y m e n t s t a t u s, p a y a b le o n ly , g e o c o d e d o n ly
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P e r m it S t a t s	G r a p h , Li s t	Fi lt e r b y a c ti v e o n ly s t a t u s, p e r m it t y p e , s p e ci fi c lo t s, o
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L P R S t a t s	G r a p h , Fi lt e r a b le G r a p h , Li s t, M a p	Fi lt e r b y p e r m it t y p e o r c a m e r a cl a s si fi c a ti o n (E n tr y , E
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P e r m it A c t i v i t y (B e t a)	G r a p h	T r a c k s l o g i n , r e s e r v a t i o n , a n d p a y m e n t t r a f f i c o v e r
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Dashboard Permissions Reference

Pe rm iss ion	Op era tio nal Eff ect
da sh bo ar d_ br ow se	All ow s the ad mi nist rat or to vie w das hb oar ds ma rke d as Visi ble.

Pe rm iss ion	Op era tio nal Eff ect
da sh bo ar d_ edi t_a ny	All ow s the ad mi nist rat or to edi t any das hb oar d reg ard les s of ow ner shi p.

Pe rm iss ion	Op era tio nal Eff ect
da sh bo ar d_s et_ or g_ def aul t	All ow s the ad mi nist rat or to pro mo te a spe cifi c das hb oar d to the org ani zati on- wid e def aul t.

Best Practices and Considerations

- **Utilize the Filterable Graph for LPR Camera data: Set the Filter Dimension to Camera to get a per-camera drop-down directly on the widget.** This allows you to quickly filter views without needing to open the backend widget settings.
- **Star your most-used dashboard: Mark your primary dashboard as your personal default.** Clicking the star icon ensures it loads automatically as your landing page when you navigate to the portal.
- **Use effective graph combinations: Use the Group by Entity setting combined with a Stacked Bar chart.** This is the most readable combination for comparing multiple cameras, lots, or writers side by side.
- **Create annual progress charts: Combine the Year to Date time period with the Group by Month setting.** This creates a clean, automated year-progress chart that resets automatically each January.
- **Optimize Map widgets: Configure Geo widgets with the Last 4 to 8 Hours time range and enable the Cluster Pins setting.** This prevents map clutter and improves performance for busy patrol routes.
- **Combine List and Graph widgets: Place a List widget alongside a Graph widget on the same dashboard using the exact same data source and filter settings.** This provides administrators with both a high-level visual chart and a raw-record drill-down on a single screen.
- **Monitor High-Volume Sales:** Add a **Permit Activity** graph widget during major permit launches to monitor system load. Look for large gaps between *Logins* and *Unique Users* to spot repeat retry attempts, or high *Reservations* relative to *Paid* counts to spot potential payment

gateway bottlenecks.

- **Perform Historical Audits with Point in Time:** Use the **Point in Time** anchor in the top dashboard toolbar to freeze dashboard metrics during past high-traffic incidents or specific reporting windows without disrupting live data for other team members.

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