

# Getting Started

## Introduction

### Grafana

Your mSupply Dashboard uses [Grafana](#), an open source visualisation tool that is linked to your mSupply data. This User Guide contains external links to Grafana information pages to explain various concepts and how to edit your current dashboard and create new dashboards.

### Dashboards and Panels

Each Dashboard is composed of editable **Panels** arranged on a grid. The panels are separated by rows and can be dragged-and-dropped to a different location on the grid. Each panel queries your mSupply data to give you information in a visual form (graph, table etc).

### Store login permissions to determine data visibility

The dashboards can be configured such that data visibility is controlled according to the store login permissions of the user. This can be an efficient way of managing dashboards. Instead of having a large range of very similar dashboards where the only difference between them is the user / store who's data is visible, you can have just one dashboard, where different users will see data according to the stores which they have permission to log in to.

### Flexibility

You can view and share data from your dashboard, change the appearance and type of data the panels in your dashboard show, and create new dashboards customised to suit your needs.

For a detailed overview refer to [Grafana Dashboard Concepts](#)

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## Setting up Users

### Setting up users under Grafana

It is possible to set up users under Grafana. Grafana has documentation for this and will not be detailed here. As dashboard access is likely highly correlated with store access within mSupply, it is not recommended to use this method, but to set up users from within mSupply.

## Setting up users from within mSupply

You can login to the dashboard using your current mSupply login. An account is created for you automatically in the grafana system with standard viewer-level permissions. If you are to have a Grafana editor or administrator role, then Sustainable Solutions, or another Grafana administrative user, can set that up for you in Grafana after you have logged in for the first time.

To use the dashboard, an mSupply user must be configured to:

- **Use the Dashboard.**



The screenshot shows the 'Edit user' form with tabs for General, Permissions, Permissions (2), Permissions (3), Login rights, Details, and Dashboard. In the 'User can:' section, the 'Use the Dashboard' checkbox is checked and highlighted with a red box.

- Have **Active** status enabled.

The screenshot shows the 'Edit user' form with the 'Active' checkbox checked and highlighted with a red box.

## Data permissions governed by user store login permission

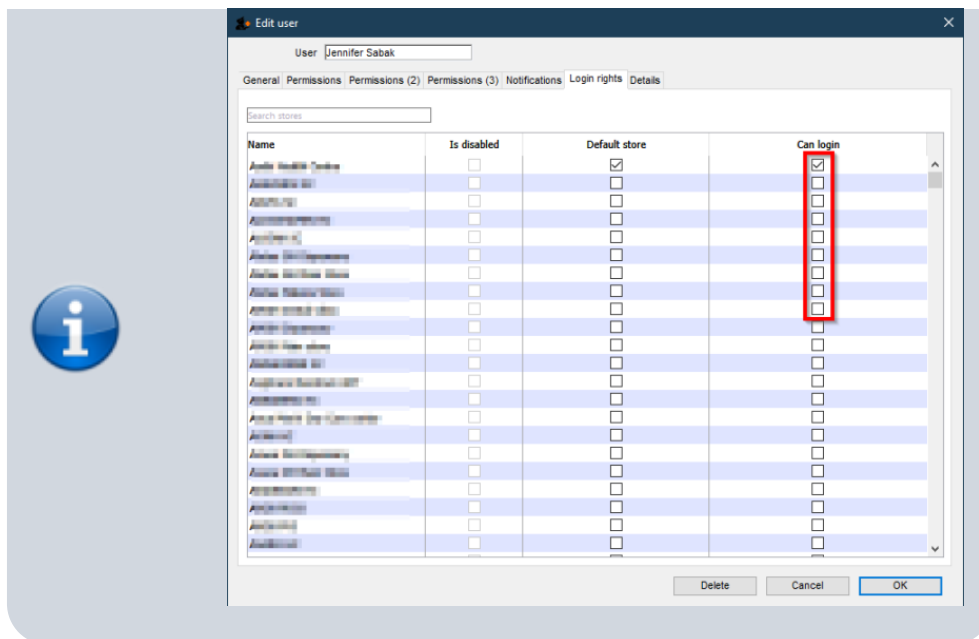
It is recommended to configure dashboard such that the data visible is filtered according to the user's permission to log in to the store. In this case, you will need to do some more configuration of the user in mSupply:

- Enter an email address for the user.



The screenshot shows the 'Edit user' form with the 'Email' field in the 'Contact details' section highlighted with a red box.

- Configure the user to be able to log in to the stores for which you want them to have access.



Other than these, no other special configuration of the mSupply user account is required - including any permissions in any of the stores.

Valid Grafana user names are more restrictive than mSupply. For example, if the mSupply user name contains a hyphen (-) then Grafana will not accept that user name.



- John Doe is valid
- John-Doe is not valid

Users may need to have their mSupply username, which was working perfectly, amended in order for them to be able to log in to the Dashboard.

## Logging In

Users log in by entering the URL address of dashboard on a web browser.



The oauth (mSupply login) app requires something that Internet Explorer doesn't support. You must use another browser to log in to the mSupply dashboards.

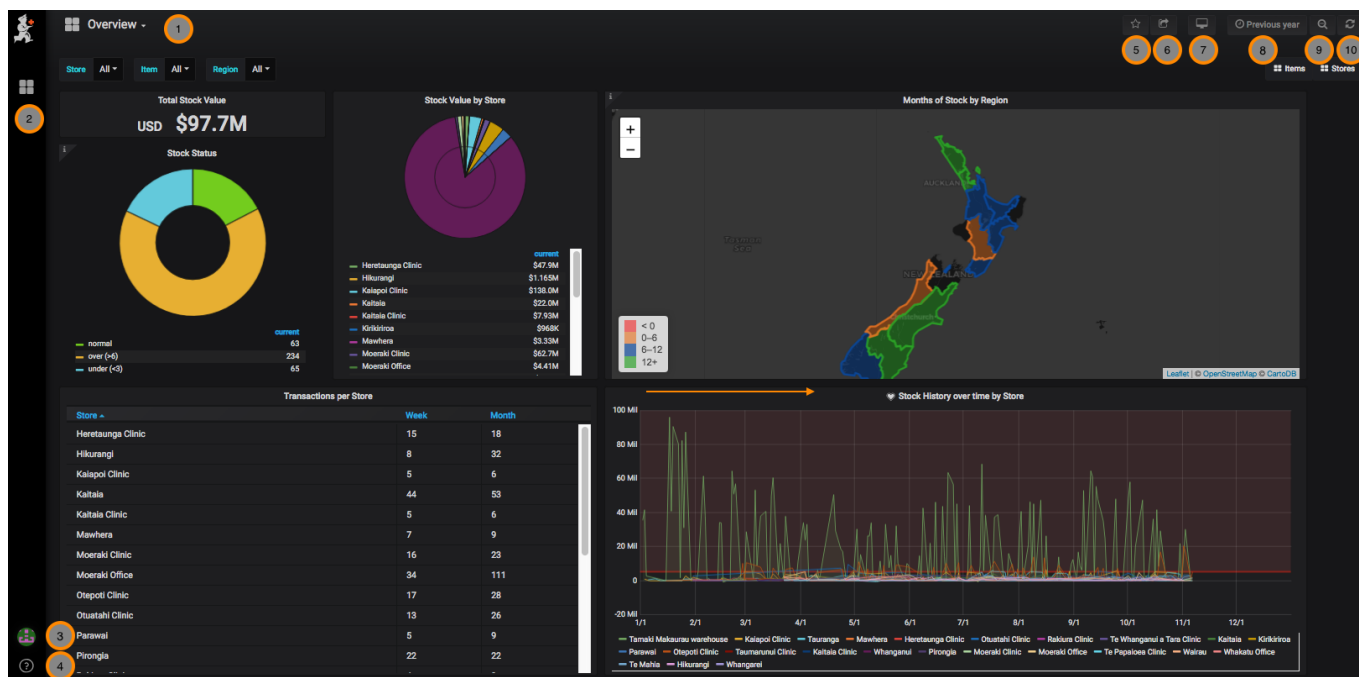
Also, just **STOP USING** Internet Explorer - it's dangerous!

When you log in you may see a suite of dashboards similar to the example below.

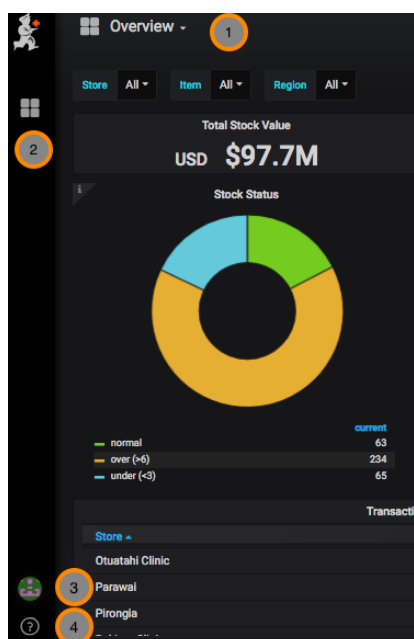
This example is showing the 'Overview' Dashboard.

It is set to a Time Range of 'Previous year'  
This Dashboard example contains six Panels:

- Total stock value
- Stock status
- Stock value by store
- Transactions per store
- Months of stock by region
- Stock history over time by store



## Let's walk through the navigation menus



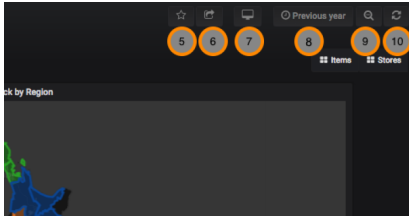
**1. Overview** - This is the dashboard you are viewing. Clicking on this opens a window to view your other dashboards.

**2. Dashboards** menu - Home, Manage dashboards, Playlists, Snapshots

**3. User** menu - Preferences, change password, sign out

**4. Help** menu - Keyboard shortcuts, Community site, Grafana documentation

**5. Mark as Favourite**



6. Share Dashboard - [via snapshot or link](#)

7. Cycle View Mode

8. Time Range - [control the time period for your dashboard](#)

9. Search

10. Refresh

Previous: [mSupply Grafana web dashboard](#) | | Next: [Panels](#)

From:

<https://wiki.msupply.foundation/> - mSupply Foundation Documentation

Permanent link:

[https://wiki.msupply.foundation/en:dashboard:getting\\_started?rev=1673398647](https://wiki.msupply.foundation/en:dashboard:getting_started?rev=1673398647)

Last update: **2023/01/11 00:57**

