

# National Health Services Directory

## NHSD Widget Implementation Guide

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## 1 Background

### 1.1 About the NHSD

Launched in 2012, the National Health Services Directory (NHSD) is a key piece of national digital health infrastructure jointly funded by Departments of Health within state and federal governments and managed by Healthdirect Australia.

The NHSD supports several access points that allow users to integrate with its information for a range of purposes. This document is aimed at widget implementers to provide guidance on widget configuration options and process for installation of the NHSD Widget on a website. To learn more about the NHSD visit <https://about.healthdirect.gov.au/nhsd>.

### 1.2 The NHSD Widget

The NHSD Widget is designed to provide consumers with a quick, convenient way of accessing reliable information about Australian health services 24/7 via an embeddable web interface.

Built using responsive design principles and easily customisable, the NHSD widget supports system integrations where technical resources are limited. Widgets use a simple code snippet that can easily be deployed to any webpage or mobile app.

The Widget allows users to search for NHSD services – including general practices, pharmacies, emergency departments and hospitals – and present the results in a user-friendly interface.

Depending on the configuration, search and filtering options are also available. Background and font colours can be adjusted to ensure the widget can be easily integrated within a partner web site.

The configuration options detailed below are available in the first version release of the NHSD widget. Over the coming months, the NHSD Product Team will advise integration partners about new configuration options as they become available and the process to integrate them.

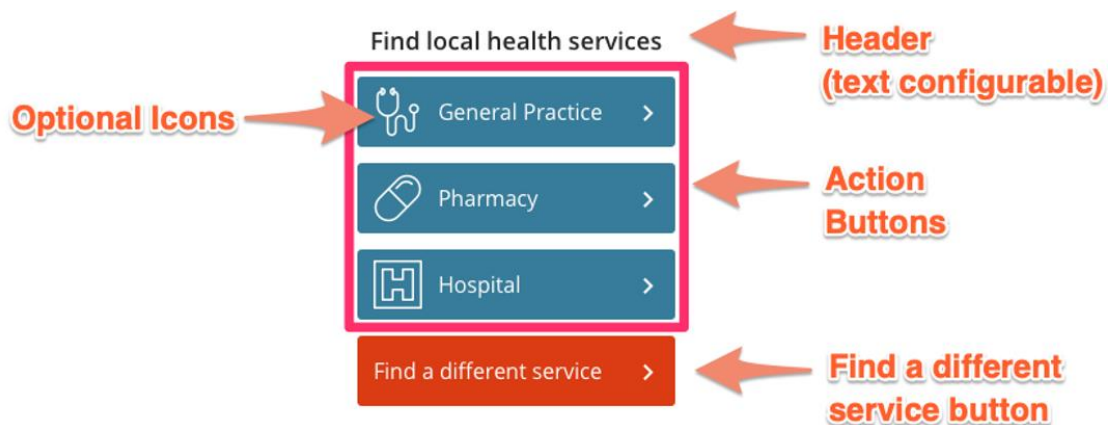
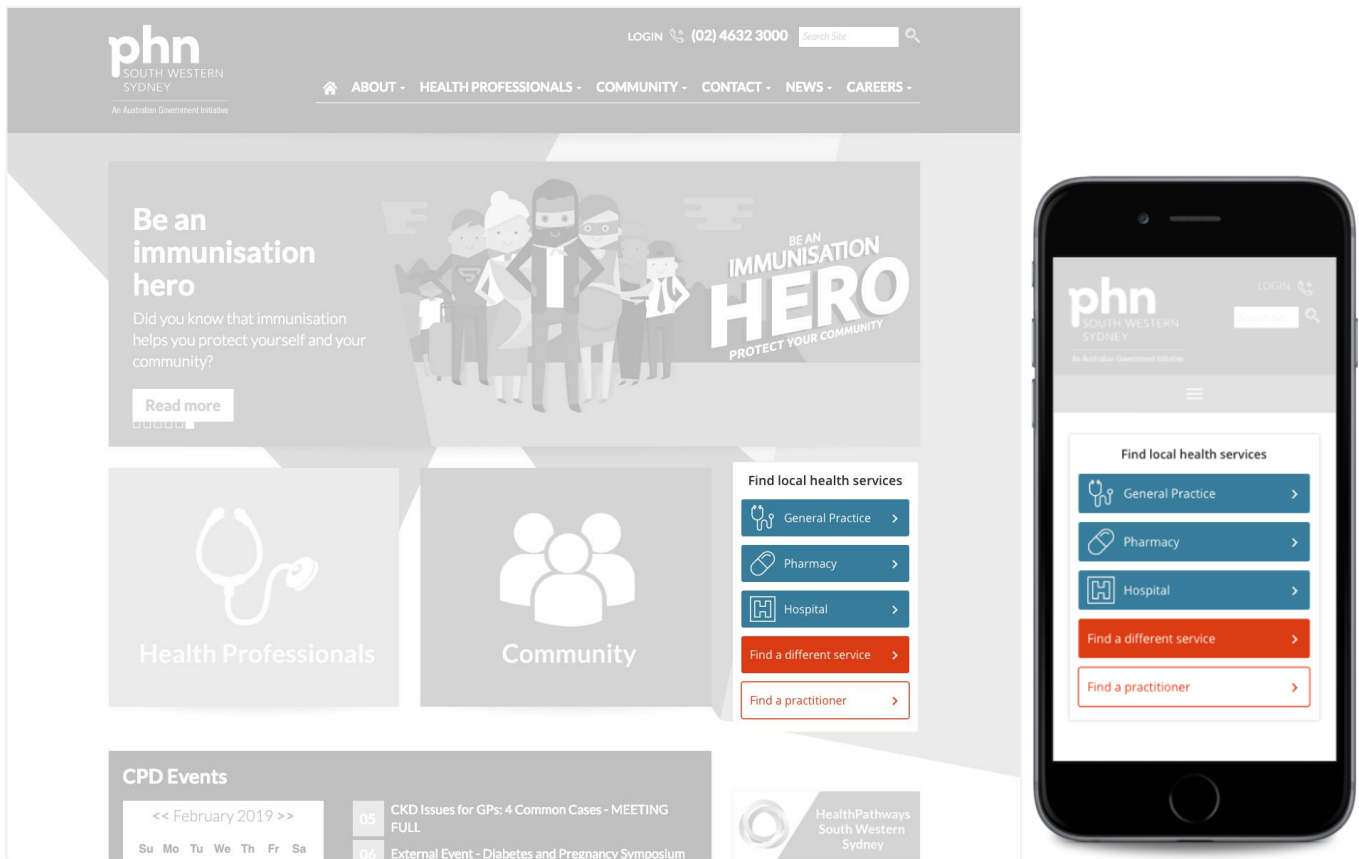
## 2 Widget Configuration Options

### 2.1 Introduction

The NHSD widget is divided into two components:

1. The Initiator: A customisable list of deep-linking buttons that provide context for, and an immediate entry point to;
2. The full screen widget experience: By opening the widget in a separate tab, the widget can take advantage of the limited screen real estate available on mobile devices to present the full set of search, filter and data view options. Context is maintained for the user through the inclusion of a customisable header that can be branded with the source website logo.

## 2.2 The Initiator component



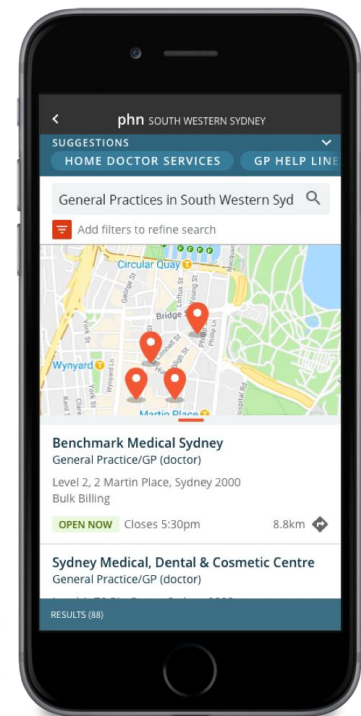
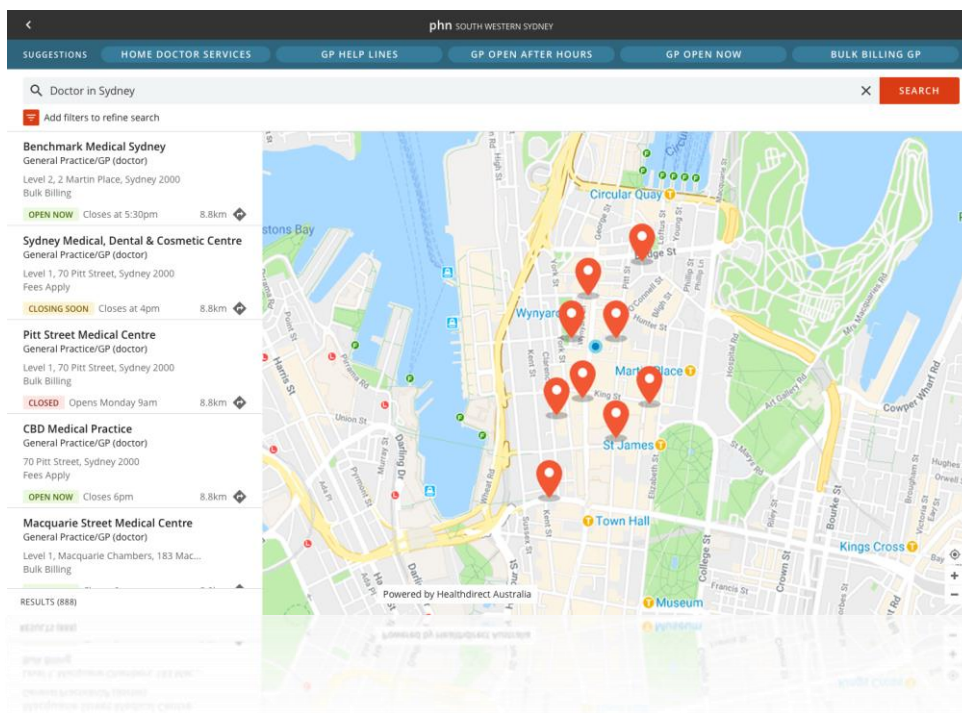
The Initiator component serves as the point of entry from which a user can enter the ‘full search experience’ view of the widget - this may be as simple as a single button or it could include more detailed lists which serve as individual “calls to action” to search for services.

Configuration options for the initiator include:

- Header:
  - Display header: **TRUE/FALSE**
  - Header text: **[custom text string]**

- Header text colour: **[hex #]**
- Action buttons:
  - Display icons: **TRUE/FALSE**
  - Action buttons background colour: **[hex #]**
  - Action buttons icon and text colour: **[hex #]**
  - Per action button (any number of action buttons can be configured):
    - Sort order: **[Number]**
    - Service Type: **[NHSD SNOMED CT AU ID]**
- Find a different service button:
  - Display 'Find a different service' button: **TRUE/FALSE**
  - 'Find a different service' button background colour: **[hex #]**
  - 'Find a different service' button text colour: **[hex #]**

### 2.3 The full-screen widget



To maintain consistency in user behaviour across widgets, limited customisation options are available on the full-screen experience. Customisation of the header provides a branding opportunity to maintain context for the user.

Configuration options for the full screen widget include:

- Header:
  - Header background colour: **[hex #]**

## 3 Website Installation Instructions

### 3.1 Step 1 & Pre-Conditions

Once your widget has been created by the NHSD team, a unique **Widget ID** will be issued to your organisation contact person.

This **Widget ID** connects the desired NHSD Widget configuration (colours, service types, etc.) to the instance of the NHSD Widget that will be placed into one or more webpages of choice.

Note, a unique **Widget ID** is required per configuration. Should your website/app require more than one configuration – e.g. one targeting general health and one targeting mental health – multiple **Widget IDs** will be supplied.

### 3.2 Configuration Step 2

Place this "HTML placeholder **DIV**" code where you want the **Widget Initiator** to appear on your webpage.

```
<div style='display: inline-block; width: 400px; height: 500px; '
id='nhsd-widget' class='nhsd-widget'></div>
```

The **Widget Initiator** will "fill" the available width and height within this `div`. The above example makes use of CSS to control the width and height of the Widget Initiator.

#### **Please Note:**

- The widget iframe will be written into any `div` on your page with the HTML class 'nhsd-widget' (i.e. `class='nhsd-widget'` as seen in above div example)
- Therefore you can have multiple instances of the same widget appear in the same HTML page, all you need to do is to place more `divs` with the HTML class 'nhsd-widget' on your page (for e.g. you might want the same widget to appear on the top and bottom of your page)
- The above applies to multiple Widgets with the same **Widget ID** - Should you want multiple widgets with different **Widget IDs**, this is also possible. Please contact the NHSD team at [nhsd@healthdirect.org.au](mailto:nhsd@healthdirect.org.au) to discuss this requirement.

### 3.3 Configuration Step 3

Place the below just before the `</body>` tag on the same HTML page.

```
<script defer>
  (function generateWidget(d, s, id) {
    let js, fjs = d.getElementsByTagName(s)[0];
    if (d.getElementById(id)){
      d.getElementById(id).parentNode.removeChild(d.getElementById(id));
    }
    js = d.createElement(s);
    js.id = id;
    js.defer = true;
    js.setAttribute('widgetId', 'YOUR_WIDGET_ID_HERE');
    js.src =
'https://widget.nhsd.healthdirect.org.au/v1/bootstrap/init.js';
    fjs.parentNode && fjs.parentNode.insertBefore(js, fjs);
  })(document, 'script', 'my-nhsd-widget-script');
</script>
```

Place the **Widget ID** you have been provided in the area, marked 'YOUR\_WIDGET\_ID\_HERE'

Once the above steps have been completed and the page published, the NHSD initiator widget will render on your page within an iframe.

## 4 Widget Configuration Changes

Once installed, on your website, further widget changes can be published by the NHSD team without additional changes to your code.

Should you require any configuration changes, please contact the NHSD on [nhsd@healthdirect.org.au](mailto:nhsd@healthdirect.org.au).

## 5 Notes & Disclaimer

The NHSD team endeavours to maintain consistency with the configuration instructions or code-samples noted in this document. However, due to continual security enhancements, changing implementations and supporting frameworks within modern browsers this cannot be guaranteed.

The NHSD reserves the right to amend the required “NHSD Widget” initialisation code and accompanying instructions provided within this document to ensure continued operation within the designated website/webpages. The adoption of this change (to ensure the widget remains functional on the desired webpages) is the sole responsibility of the owner of the website.

The National Health Services Directory shall attempt to give fair notice to any Widget Implementer; however, this notice period shall be determined by the NHSD and Healthdirect Australia Security team and is not guaranteed.

## 6 Supported Browsers

The National Health Services Directory continually verifies that the NHSD Widget is functional and visually renders as per design on most popular modern web browsers and mobile devices. However, we do recognise that it is impossible to develop applications that work identically, efficiently and effectively on all web browsers.

The NHSD supports popular web browsers’ current version and up to two major previous releases.

## 7 Widget configuration requirements form

Please use table below to complete your configuration requirements for the NHSD widget.

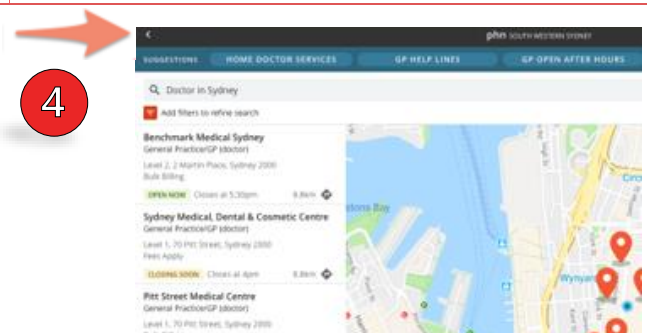
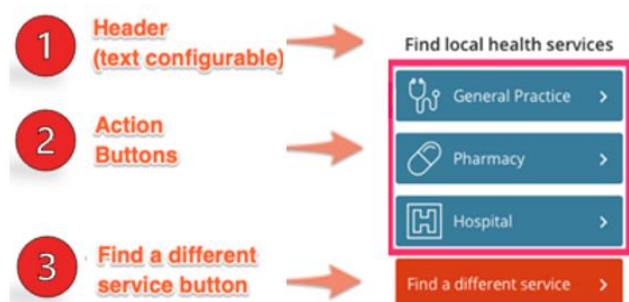
Please note that by using the NHSD Widget, you are deemed to have agreed to the NHSD Terms of Use <https://about.healthdirect.gov.au/nhsd-terms-of-use> and Healthdirect Privacy Policy <https://www.healthdirect.gov.au/privacy-policy>.

<b>Organisation Name:</b>	
<b>Website/s where NHSD Widget will be hosted:</b>	
<b>Nominated organisation contact</b> <i>(Please nominate one point of contact the NHSD Team can liaise with regarding widget customisation requirements).</i>	<b>Name:</b> <b>Phone or Email:</b>

### NOTE: Widget Dimensions

The height dimensions of your widget are determined by the button configurations requested. Width dimensions can be set by website administrators. Healthdirect Australia (HDA) can advise further on how your requirements can best be met.

Area of Widget	ID#	Configuration options	Please add your requirements below		
<b>1. Initiator Header</b>	1a	<b>Display header (Y/N)</b>			
	1b	<b>Header text (e.g. Find health services nearby...)</b>			
	1c	<b>Header text colour</b>	Hex code: #		
<b>2. Initiator Action buttons</b>	2a	<b>Display picture icons (Y/N)</b>			
	2b	<b>Action buttons background colour</b>	Hex code: #		
	2c	<b>Action buttons icon &amp; text colour</b>	Hex code: #		
	2d	<b>Action buttons</b> <i>(any number of action buttons can be configured, please add further rows if required and list service types in the order you want them to display in the Initiator.</i>		<b>Service Type (select from list provided)</b>	
			1.		
2.					
3.					
4.					
<b>3. Find a Different Service button</b>	3a	<b>Display the 'Find a different service button' (Y/N)</b>			
	3b	<b>'Find a different service' button background colour</b>	Hex code: #		
	3c	<b>'Find a different service' button text colour</b>	Hex code: #		
<b>4. Map Screen</b>	4	<b>Header background colour</b>	Hex code: #		



## 8 NHSD SNOMED CT AU Service Type classifications

A list of NHSD service types is available here: <https://build.fhir.nhsd.healthdirect.org.au/v4/ValueSet-valueset-au-nhsd-healthcareservice-serviceType.html>.