P2 Explorer Dashboard Sets

Style Guide

Doc No. ISSDOC-1866-105 v12.1

2-Sep-2014

This work contains valuable and proprietary information. Disclosure, use or reproduction of this material outside P2 is prohibited except where authorised in writing by P2.

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Date | By | Description |
| 1.0 | 20-Aug-2013 | TH | First draft |
| 2.0 | 2-Sep-2014 | TH | Updated for new P2 Explorer framework |

Document Approvals

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name / Title | Signature | Date |
| Author | Trish Haynes |  |  |
| Reviewed by | Jo Joss |  |  |
| Reviewed by | Cliff Lang |  |  |
| Approved by |  |  |  |

Contents

[1. Overview 4](#_Toc398645937)

[1.1 Intended Audience 4](#_Toc398645938)

[1.2 Terminology 4](#_Toc398645939)

[2. Overall Design Standards 5](#_Toc398645940)

[2.1 Font 5](#_Toc398645941)

[2.2 Colors 5](#_Toc398645942)

[2.3 Navigation & Hyperlinks 5](#_Toc398645943)

[2.4 No Data 6](#_Toc398645944)

[2.5 Section Grouping 6](#_Toc398645945)

[2.6 Page Titles 6](#_Toc398645946)

[2.7 Section Headings 6](#_Toc398645947)

[2.8 Page Filters 7](#_Toc398645948)

[2.9 Table Layouts 8](#_Toc398645949)

[2.10 Sparklines 9](#_Toc398645950)

[2.11 Bullet Charts 9](#_Toc398645951)

[2.12 Charts and Graphs 9](#_Toc398645952)

[2.13 Assets Hierarchy 10](#_Toc398645953)

[2.14 KPIs 11](#_Toc398645954)

[2.15 Interactive Tags 11](#_Toc398645955)

[2.16 Pivot Pages 11](#_Toc398645956)

[3. Common Dashboard Structure 12](#_Toc398645957)

[4. Appendix A. Global Font Styles 13](#_Toc398645958)

[5. Appendix B. Color Palettes 14](#_Toc398645959)

# Overview

This document specifies the user interface (UI) standard for P2 Explorer Dashboard Sets.

Data is the focal point of all dashboards, and this UI standard has been designed with best practices in data visualization in mind.

This standard aims to achieve consistent delivery of high quality displays that enable the user to consume information with ease.

Note that this document establishes a UI baseline to use as a guide. Customer requirements may necessitate enhancements or changes to the specifications contained in this document.

Note: P2 Dashboards are created using the P2 Explorer framework. This document does not cover the styling of the P2 Explorer framework.

## Intended Audience

This standard is intended for all P2 engineers and analysts who are required to design dashboards for data visualization of time-series and relational data within P2 Explorer Dashboard Sets.

## Terminology

|  |  |
| --- | --- |
| Acronym | Definition |
| P2 | P2 Energy Solutions |
| UI | User Interface |
| px | Pixels |
| pt | Points |

# Overall Design Standards

This section describes the standards for the general appearance of P2 Explorer Dashboard Sets.

## Font

**Primary font**: Segoe UI.

**Font family**: Segoe UI, Lucida Grande, Sans-Serif

**Font size**: The font size should be no smaller than 10pt.

Please refer to [Appendix A](#_Appendix_A:_Global).

## Colors

Five color palettes have been selected for use in P2 Explorer Dashboard Sets. At a glance, the following rules apply to the use of color.

**Background Color**: White

**Links**: Blue

**Non-Interactive Text**: Dark Grey

**Gas**: Red

**Water**: Blue

**Oil**: Green

**NGL**: Purple

Please refer to [Appendix B](#_Appendix_B:_Colour).

## Navigation & Hyperlinks

When navigating from within a content page, new dashboard pages should open in a new tab in P2 Explorer.

Links to external sites should open in a new tab in the browser.

When there are two or more links side by side, they should be separated by a hyphen (-) symbol. In the example below, the title is the normal [Section Heading](#_Section_Headings_1) style, but the links are blue.

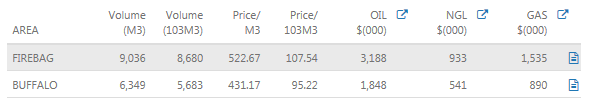
12 MONTH PRODUCTION TREND - DETAILS - PIVOT

Link separators have the same font style and color as the rest of the line that it is on.

The actual links should be blue **#2a6496** .

Links in a Table

If links are present in a table, they are indicated by a blue icon, which should be #**4a89dc**.



 Link to another **dashboard page** that opens in a new tab in P2 Explorer.

 Link to an **external site** that opens in a new tab in the browser.

## No Data

If no data is available for a section of a dashboard, the text “No Data” appears in place of the chart, table, or other component. The text size may vary according to the size of the control. E.g.



Use the following guidelines:

Font-size: 20px

Text-align: center

Z-index: 9

## Section Grouping

Bounding boxes are not used to group sections of dashboard. Section grouping is indicated by negative space and use of the [Section Heading](#_Section_Headings_1).

## Page Titles

Page titles are located at the top left of the dashboard. They are in a large font but are not intended to be the main focus of the page so are not bold. E.g.



Use the following guidelines:

Margin-top: 20 px

Font-weight: 300 px

Line-height: 1

Font-size: 20px

Float: left

## Section Headings

Section headings label the component parts on a page and provide a cue as to the information provided. They are not intended to be the focus of attention and therefore they are not bold. E.g.



Use the following guidelines:

Font-size: 12px

Text-transform: uppercase

Margin: 5 0 5 0

Line-height: 1.4285

## Page Filters

Page filters specify various reporting elements of a dashboard.

The labels are in standard body text grey color and the values are black, so that the values are the focus of attention. If a filter is available to be set, the combo-box will be underscored by a thick grey line and a drop-down arrow is visible.





Use the following guidelines.

**Label:**

Font-size: 10px

Text-transform: uppercase

Line-height: 1.4285

**Value:**

Color: black

Float: left

Margin-top: -8 px

Font-size: 11px

Line-height: 1.4285

For monthly/daily selections, the selected month should be black and the unselected month should be grey.

**Combo-box:**

Background: transparent

Border: 0

Outline: none

Border-bottom: #737373 3px solid

Padding-top: 5 px

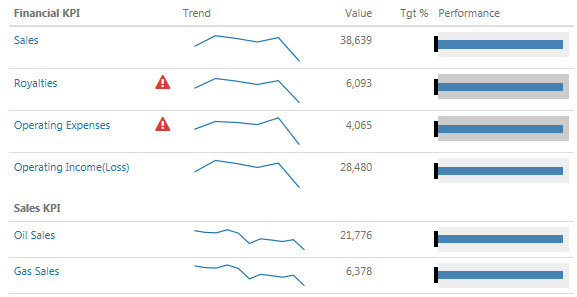
Padding-bottom: 5 px

## Table Layouts

Items are often arranged in a grid-like format for ease of consumption. Rows and columns should be given sufficient padding as to not appear visually cramped.

The rows should be separated by thin solid grey lines. The header row is separated by a thicker line. Columns should not be indicated by a border; instead they should be indicated with sufficient negative space.

The example below illustrates the table style (note that the first column contains [hyperlinks](#_Toc357603635), this may not always be the case).



Use the following guidelines:

Text should be aligned to the left

Numbers should be aligned to the right

Padding: 5 px

Font-size: 11px

Border-top: 1px solid #ddd

**Selecting a Row**:

For tables where a row can be selected, the row is highlighted in a silver color: #**EAEAEA** (RGB 234 234 234). E.g.



**Table with Subheadings**:

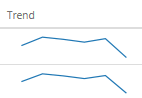
If a table requires subheadings or sub-sections:

The subheading text in the **first column** should be bold.

The **final row** in a subsection should not have a bottom border.

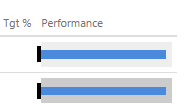
## Sparklines

* Sparkline trends contained within tables should use the same color in all tables on a page, unless there is a good reason for doing otherwise.
* If all the sparklines are intended to represent oil, gas, water, or NGL, they should use the appropriate colors as defined in [Appendix B](#_Appendix_B._Colour). Otherwise, the color value should be the same as [bullet charts](#_Bullet_Charts) (#**2466BC**).



## Bullet Charts

* Bullet charts contained within tables should use the same color in all tables on a page, unless there is a good reason for doing otherwise.
* Bullet color: #**2466BC**
* Background color (good values): #EEEEEE (RGB 238 238 238)
* Background color (bad values): #CCCCCC(RGB 204 204 204)



## Charts and Graphs

In general, avoid using color unless you need to draw attention to the data.

If a chart or graph is to represent oil, gas, water, or NGL/Condensate/other, then it must use the colors indicated in the **Reserved Palette** in [Appendix B](#_Appendix_B:_Colour).

If the chart or graph is to represent categories such as area, then it must use the colors indicated in the **Recommended Palette** in Appendix B. It must not use colors from the Reserved Palette. Where possible, avoid using red, green, or blue, unless there are a lot of categories and avoidance is difficult.

Each chart/graph should contain the following:

Title (see [Section Headings](#_Section_Headings_1))

X and Y axis values

If a chart or graph contains multiple series, a legend should be displayed

Light grey horizontal grid lines for the y-axis should be displayed. Grid lines should be formatted as 1px solid #ddd

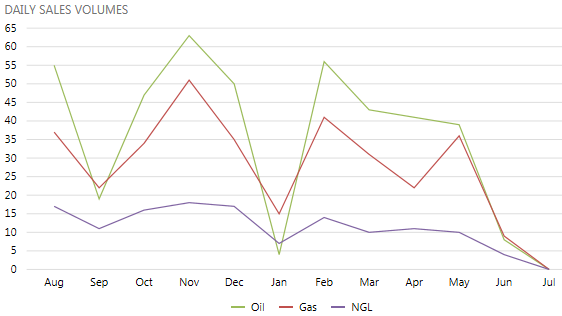
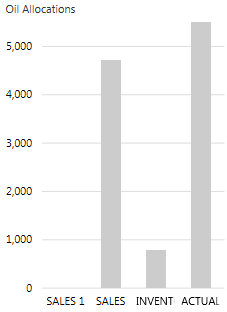
**Guidelines for Axes and Legends**:

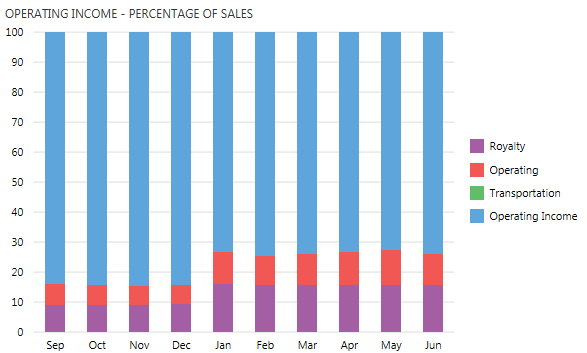
For ease of reading, text should be in sentence case. Do not use upper case as this can result in visual clutter.

Font-size: 11 px

Color: Black

**Examples**:



## Assets Hierarchy

The Asset hierarchy is available in minimized and expanded form. This functionality is driven by P2 Explorer and cannot be modified, except for the name.

The name should be ASSETS, unless otherwise required by the customer.

Normal On hover

## KPIs

KPIs are the focus on some production dashboard pages. KPIs have 3 sections, styled as follows:



**KPI Label**:

Margin: 0

Font-size: 20px

Text-align: center

**KPI Value**:

Vertical-align: middle

Font-size: 48px

Min-height: 56px

Line-height: 40px

Text-align: center

**Variance**:

If value meets target:

Vertical-align: middle

Font-size: 21px

Padding: 0px 10px 3px 10px

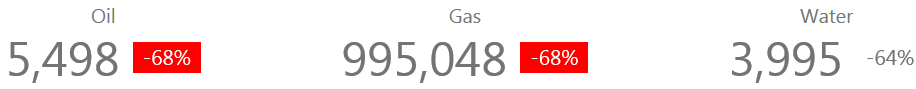
Line-height: 40px

Text-align: center

If value does not meet target, use the above plus:

Background: rgb(255,0,0)

Color: white



## Interactive Tags

Note: This feature is yet to be implemented.

Some values, such as KPI values, can be displayed as an interactive tag. When used as an interactive tag (e.g. dragging onto a trend), the color should be: #**2a6496**.

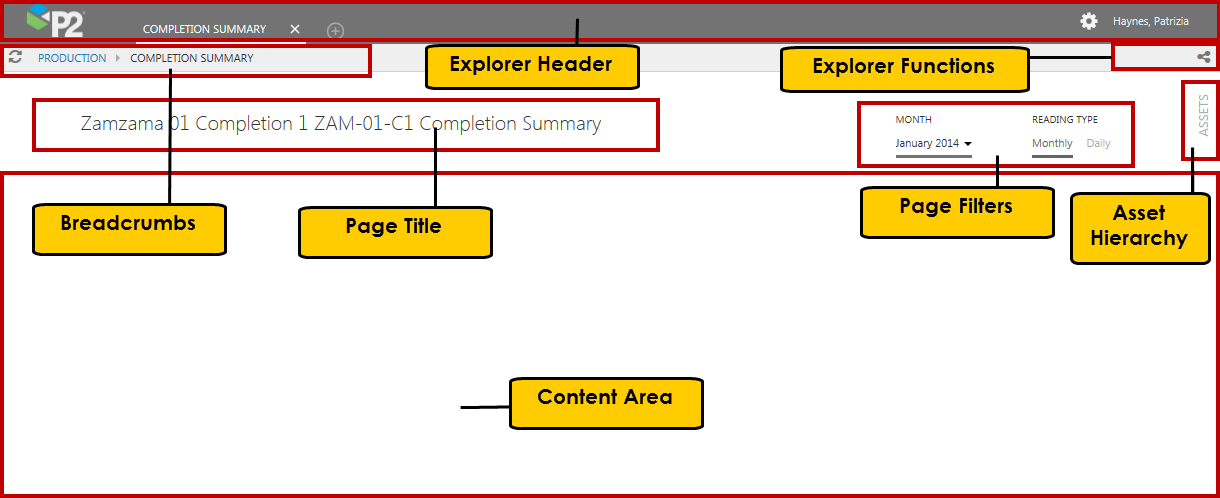
## Pivot Pages

Pivot Pages are full dashboard pages that contain a pivot chart. Styling of pivot charts are determined by P2 Explorer.

# Common Dashboard Structure

This section describes the standards for the general layout of the application.

All dashboard pages have the following basic structure:



Explorer Header

* + The Explorer Header is positioned at the top of every page, and contains tabs for each open dashboard page.
  + Tabs should be labelled with the type of dashboard report (e.g. Completion Summary).
  + Tab labels can fit a maximum of 24 characters. If the full tab name does not fit on the tab, the text is truncated and faded out to indicate the truncation.
  + All tabs should have tooltips with the full tab name.

Explorer Functions

Contains standard P2 Explorer functions that can be applied to that page.

Breadcrumbs

A navigation trail showing the hierarchical relationship of that dashboard, with links to pages higher up the chain. There is a defined style for this element (see [Navigation & Hyperlinks](#_Toc357603635)).

Page Title

The full title of the open page. There is a defined style for this element (see [Page Titles](#_Page_Titles)). [Section Headings](#_Section_Headings_1) are used to label various components of the dashboard content.

Page Filters

The filters that can be applied to that page. Filters may vary between P2 Explorer Packs. There is a defined style for this element (see [Page Filters](#_Page_Filters)).

Asset Hierarchy

This is a P2 Explorer function and cannot be styled.

Content Area

The content area varies between pages. Styling should be done in accordance with the [Overall Design Standards](#_Overall_Design_Standards).

# Appendix A. Global Font Styles

|  |  |  |  |
| --- | --- | --- | --- |
| Used for | Style Attribute | Value | Example |
| Default text, inherited by all styles | Color | #737373 (RGB 115 115 115) | Hello |
| Font-size | 11 px |
| Font-family | Segoe UI, Lucida Grande |
| Hyperlinks | Color | #2a6496 (RGB 31 119 180) | Link |
| Font-size | 11 px |
| Page title | Color | #737373 (RGB 115 115 115) | Sales |
| Font-size | 20 px |
| Font-weight | 300 |
| Section headings | Font-size | 12 px | Downtime |
| Color | #737373 (RGB 115 115 115) |
| Text-transform | uppercase |
| KPI large values | Font-size | 48 px | Oil |
| Color | #737373 (RGB 115 115 115) |

# Appendix B. Color Palettes

Reserved Palette

These colors are reserved for exclusive use of oil, gas, water, and NGL.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Hex | RGB | Usage |
| **Blue** | #4FB3D5 | 79 179 213 | Water |
| **Green** | #94D785 | 148 215 133 | Oil |
| **Red** | #E5464A | 229 70 74 | Gas |
| **Purple** | #A874C0 | 168 116 192 | NGL/Condensate |

Interactive Palette

|  |  |  |  |
| --- | --- | --- | --- |
| Links | #2a6496 | 31 119 180 | Hyperlinks |

Non-Interactive Palette

|  |  |  |  |
| --- | --- | --- | --- |
| ****White**** | #FFFFFF | 255 255 255 | Page background color |
| **Silver** | #EAEAEA | 234 234 234 | Table row highlight |
| **Grey** | #737373 | 115 115 115 | Body text |
| **Black** | #000000 | 0 0 0 | Other text |
| **Blue** | #2466BC | 36 102 188 | Generic data highlighting e.g. Sparklines, bullet charts |
| **Red** | #ff0000 | 255 0 0 | Below target indicator |

Recommended Palette

These colors are recommended for data visualization of categories in charts and graphs.

|  |  |  |
| --- | --- | --- |
| Gray | #4D4D4D | 77 77 77 |
| **Blue** | #5DA5DA | 93 165 218 |
| **Orange** | #F99923 | 249 153 35 |
| **Green** | #60BD68 | 96 189 104 |
| **Pink** | #EF70A9 | 239 112 169 |
| **Brown** | #82632F | 130 99 47 |
| **Purple** | #A45EA4 | 164 94 164 |
| **Yellow** | #DECF3F | 222 207 63 |
| **Red** | #F15854 | 241 88 64 |
| **Silver** | #C2C2C2 | 194 194 194 |

Branding Palette

|  |  |  |  |
| --- | --- | --- | --- |
| P2 Logo Blue | #00A1ED | 0 161 222 | P2 logo |
| **P2 Green** | #82BE5A | 130 190 90 | P2 logo |
| **P2 Grey** | #737373 | 115 115 115 | P2 logo |