P2 Explorer 4.0.0

Release Notes

Doc No. ISSDOC-4-363 Rev [Current Version]

01-September-2014

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Contents

[1. Introduction 4](#_Toc397612977)

[2. New Features 5](#_Toc397612978)

[2.1.1 Technology refresh 5](#_Toc397612979)

[2.1.2 Contemporary look and feel 5](#_Toc397612980)

[2.1.3 New page control framework 6](#_Toc397612981)

[2.1.4 Workspaces 6](#_Toc397612982)

[2.1.5 Display data from different levels in a hierarchy 6](#_Toc397612983)

[2.1.6 Data source agnostic page controls 6](#_Toc397612984)

[2.1.7 Native Explorer Charts 7](#_Toc397612985)

[2.1.8 Data Export 8](#_Toc397612986)

[2.1.9 Integrated security model 9](#_Toc397612987)

[3. Resolved Issues 10](#_Toc397612988)

[4. General Notes 11](#_Toc397612989)

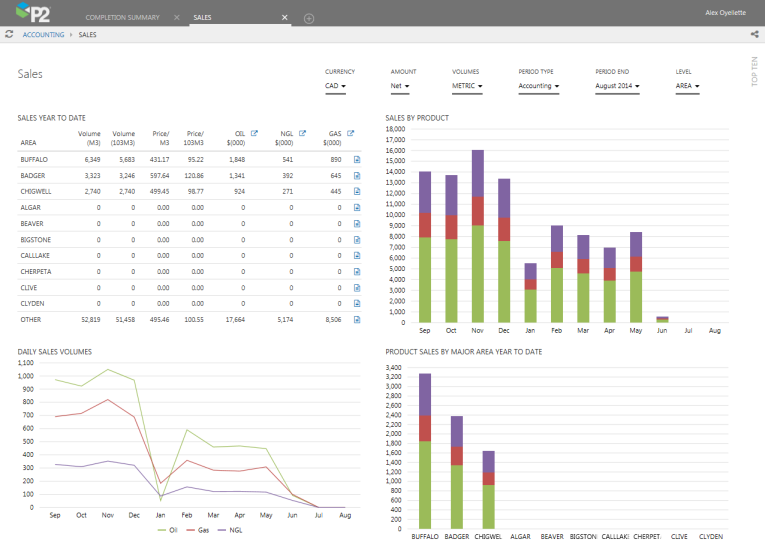
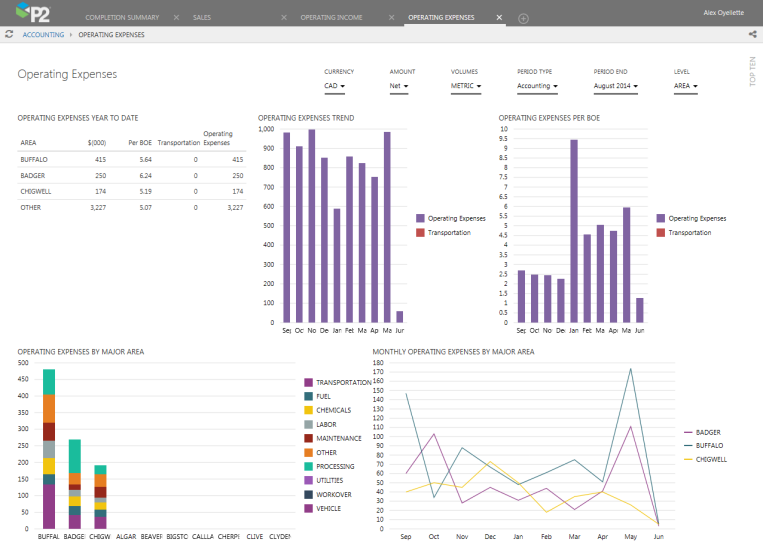
[5. Related Documentation 12](#_Toc397612990)

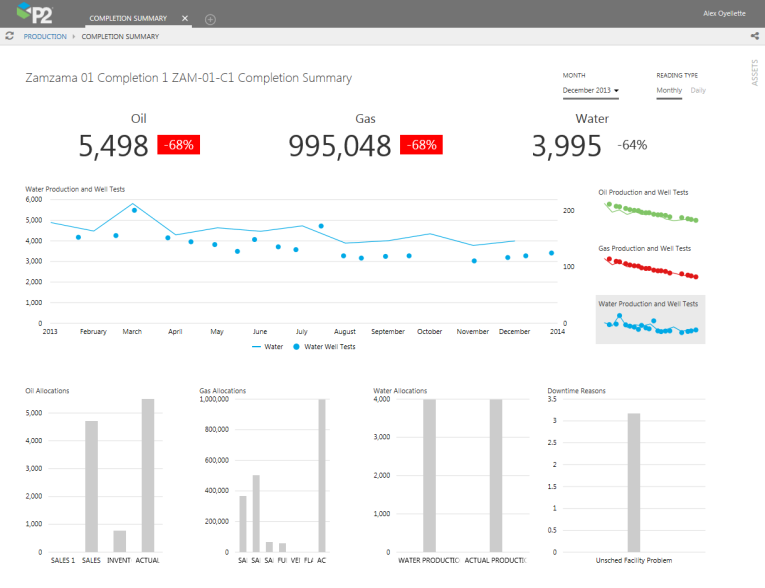
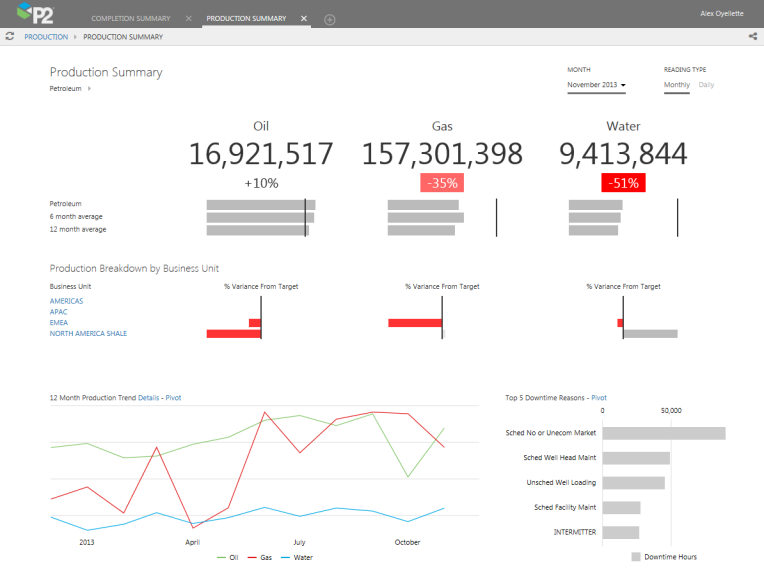
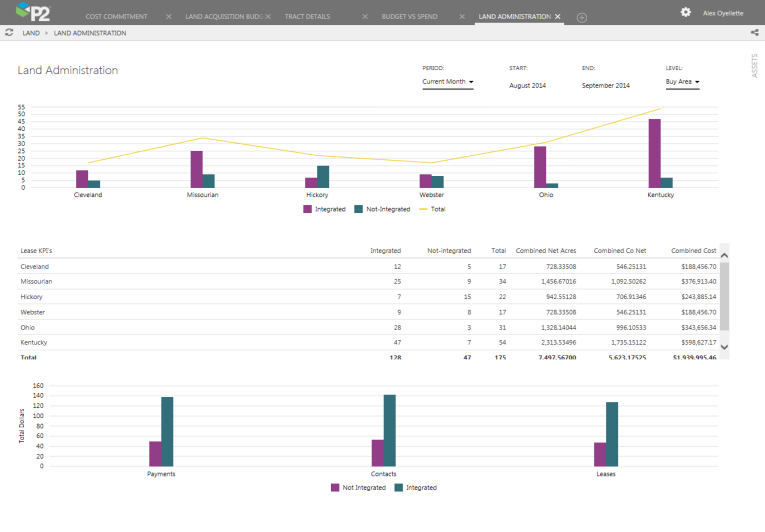
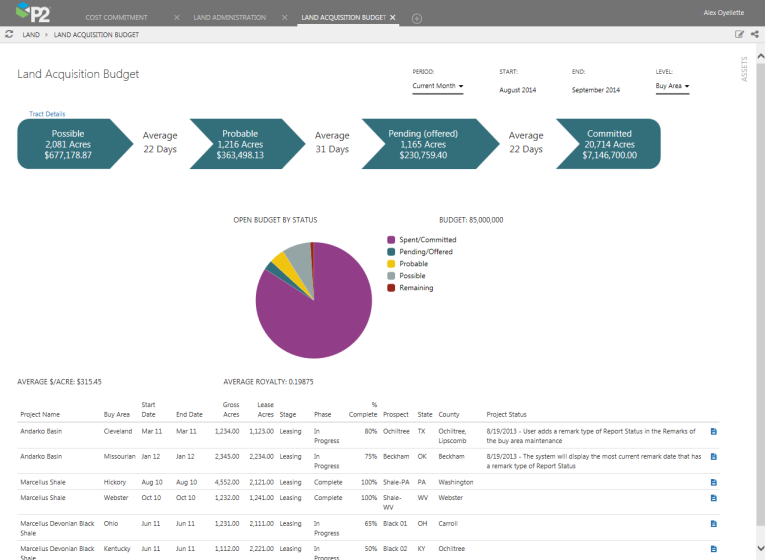
[6. Customer Support 13](#_Toc397612991)

# Introduction

P2 Explorer 4.0.0 reinvents P2 Explorer into a prime data visualization tool. This release has limited scope and is primarily targeted at supporting the Accounting and Land P2 Explorer Packs.

This release contains the core features required to visualize relational data sets over the P2 Accounting and Land Common Reporting Models.





# New Features

This section describes each of the new features in this release.

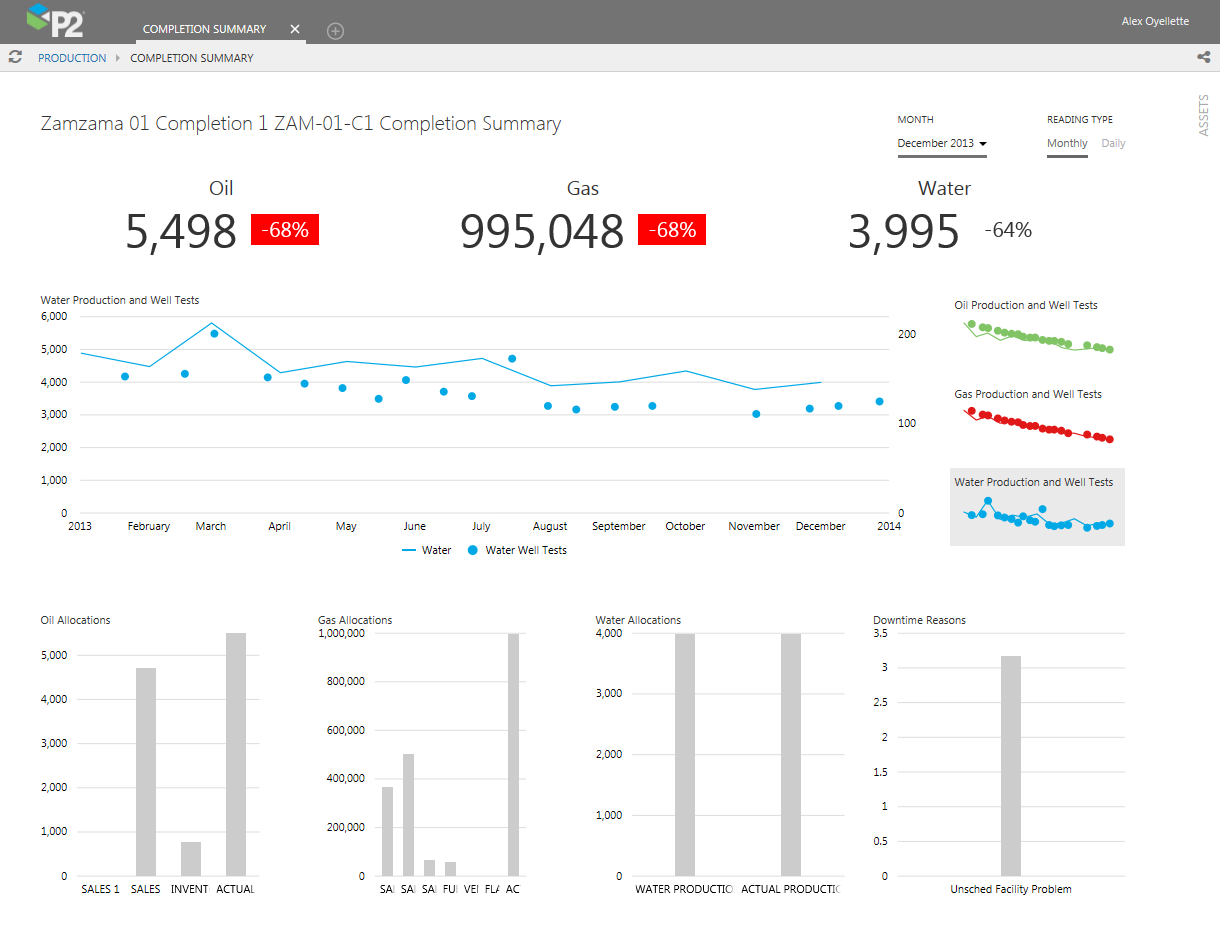
### Technology refresh

This version of P2 Explorer uses new technologies to support cross-browser compatibility, as well as allowing new and sleeker visualizations to be used in the framework.

The technology refresh will support a wide range of new features and visualization opportunities, and deliver significant performance improvements.

### Contemporary look and feel

The look and feel of P2 Explorer is substantially different to previous versions. Version 4.0.0 introduces a modern, sleek, and more intuitive look and feel. Content is king, allowing you to zoom in on problem areas so they can be addressed quickly and effectively.



### New page control framework

P2 Explorer 4.0.0 brings into play a new framework for page controls.

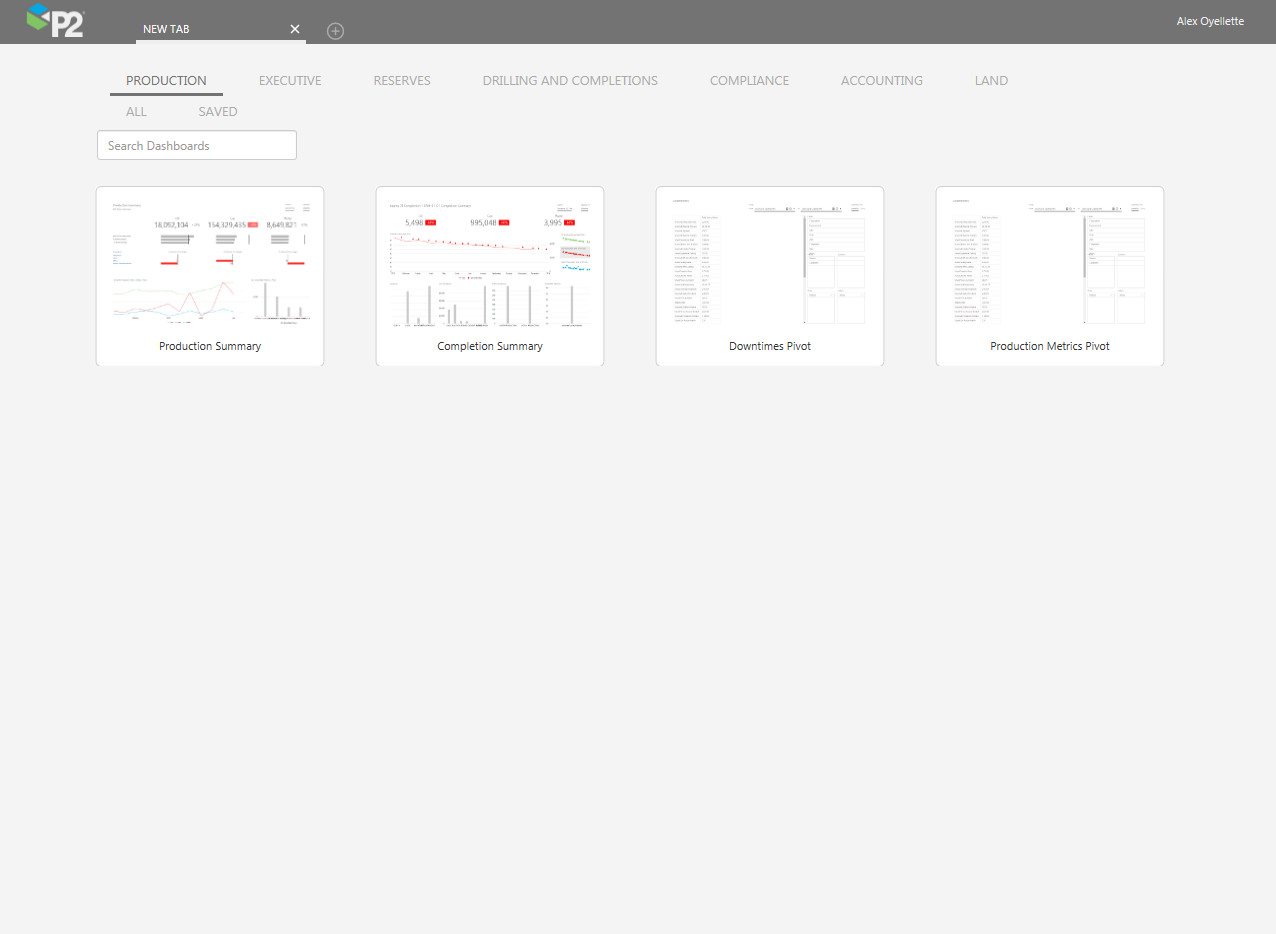
Page objects, such as charts, now use a subscription model to interact with other objects on the same page. Any page object in P2 Explorer can now ‘subscribe’ to events from other page objects, and page objects can also ‘publish’ events back into the framework, which in turn are pushed to and drive further page objects.

For example, a page might contain a time picker to control the start and end time of a particular line chart. The line chart might then have a selectable region, which then publishes an additional start and end time that other controls can subscribe to.

### Workspaces

P2 Explorer 4.0.0 uses workspaces to group together related pages. A workspace combines dashboards into ‘packs’ of related dashboards.

The use of workspaces to group pages serves to enhance page navigation for users of P2 Explorer. It also provides another level of security, with administrators being able to set up different permissions and access levels for each workspace.



### Display data from different levels in a hierarchy

The asset hierarchy model in P2 Explorer has been taken to a whole new level. P2 Explorer 4.0.0 can now pull in data from different levels in an asset hierarchy, and display it on a single page.

In previous versions of P2 Explorer, a page was tied to a particular ‘type’, known as a ‘template’ (e.g. Well). Data was only able to be pulled in from a specified level in the asset hierarchy; for example, a page could only display data from a selected well. In the latest version of P2 Explorer, data can be pulled in from multiple wells in the hierarchy.

### Data source agnostic page controls

P2 Explorer 4.0.0 displays data from any time series or relational data source, by using P2 Server as a broker between the data source and P2 Explorer. P2 Server now natively handles both relational and time-series data for consumption by P2 Explorer.

### Native Explorer Charts

P2 Explorer 4.0.0 has a built-in library of native charts, and does not rely on interfacing with a 3rd party charting library. These charts make full use of the P2 Explorer Framework features by contributing to page control (such as navigation and filtering).

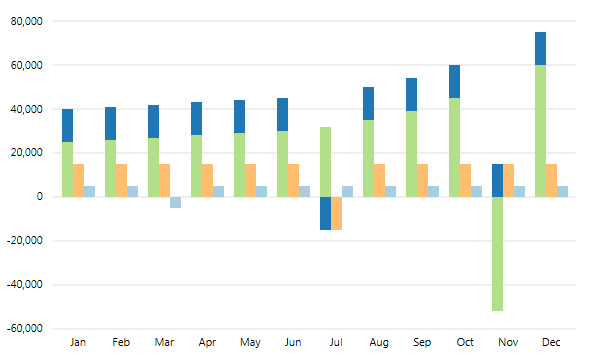
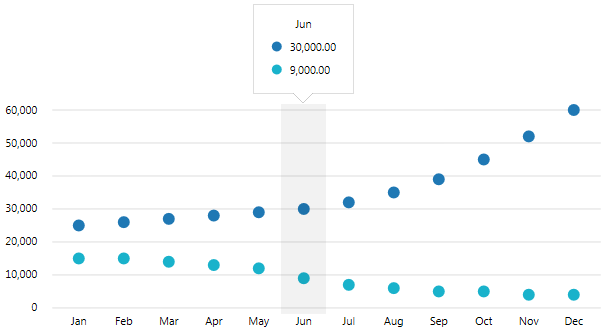
The chart types available in this release are:

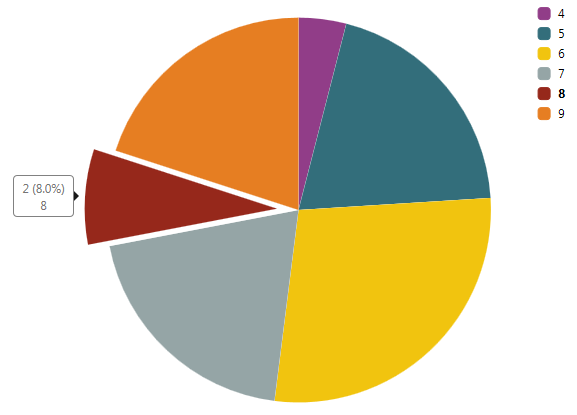
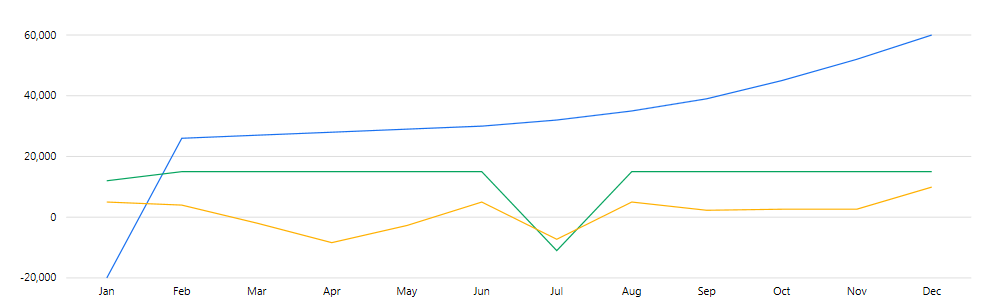
Bar Chart (including grouped and stacked)

Line Chart

Pie Chart

Dot Chart

Explorer Charts have the following features:

Tooltips on hover

Dual y-axis

Start the y-axis from zero or another value

Interactively fade out extraneous graph data when hovering over a y axis

Linear or logarithmic y-scales

Specify axis intervals

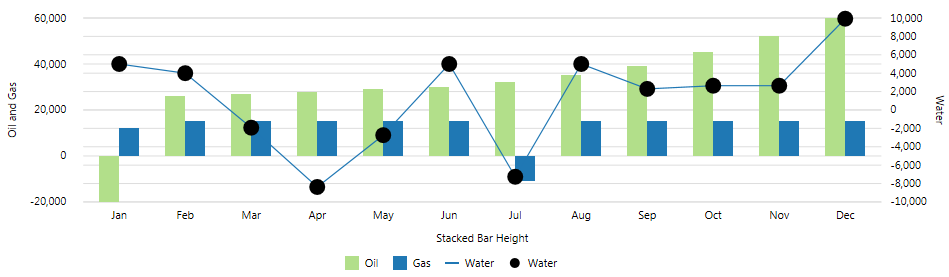
Display horizontal or vertical grid lines, or both

Ability to configure the series name, style, labels, and colour

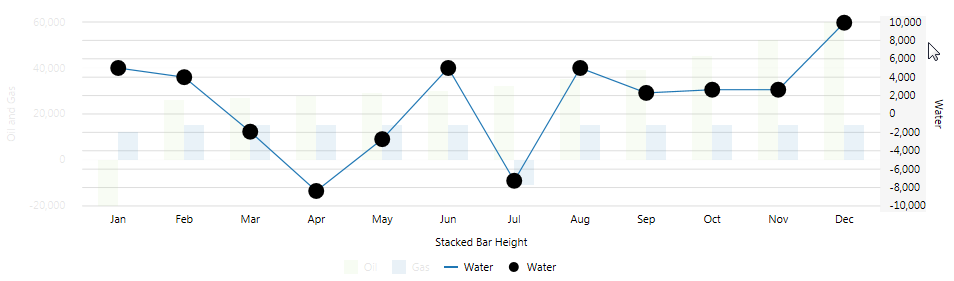
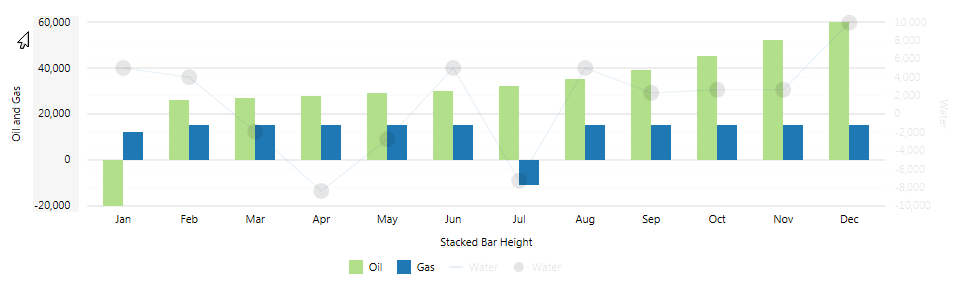
Set a refresh rate to display the most current data independently of the rest of the page

Displays data from any data source handled by P2 Server

Dual Y-Axis:



Left Y-Axis Selected: Right Y-Axis Selected:



### Data Export

P2 Explorer 4.0.0 supports a variety of page export options that enable data to be shared:

Export to CSV

The datasets on a page are exported to file in a comma separated format, which can be opened in applications such as Microsoft® Excel®.

Print Dashboard

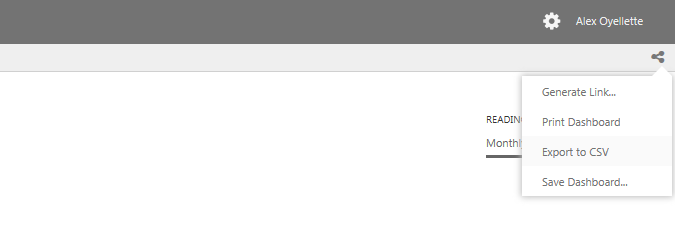
A page can be sent to the browser’s print dialog for printing to PDF or a connected printer.

Save Dashboard

A user can save a snapshot of an Explorer page, which saves the ‘state’ of the page. The page can then be opened at a later time and the page filters will be set so that the data displayed is the same as what was displayed at the time the snapshot was taken. This allows a user to take snapshots of specific production periods or asset selections for a specific report.

Generate Link

Explorer can save the ‘state’ of a page and generate a link to that page, which can then be shared by means such as email. This would allow a user to see the same page and data that another user did at the time they created the link.

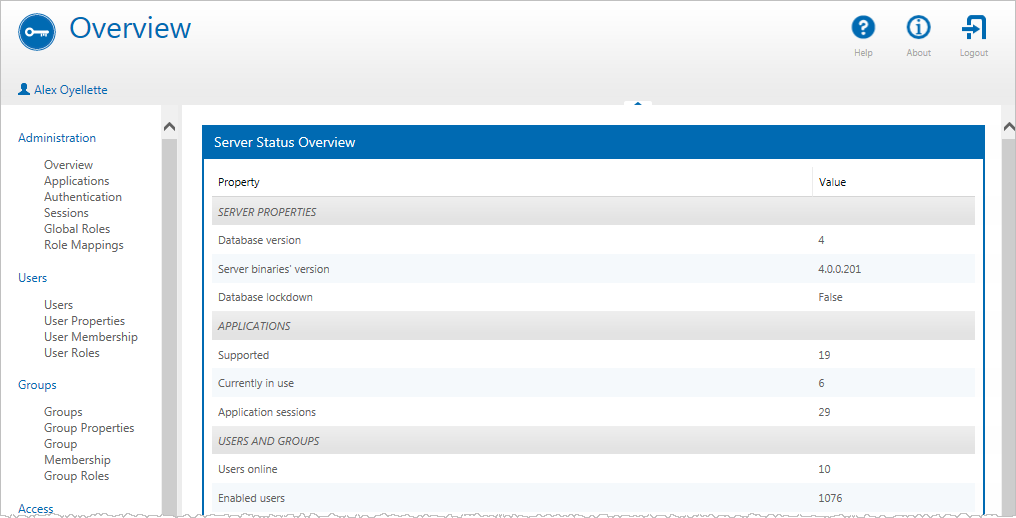


### Integrated security model

P2 Explorer 4.0.0 uses the P2 Security component for authentication and for administering permission levels.

P2 Security allows P2 products to share a common authentication module, and supports features such as Single Sign On, so that users only have to sign on to one P2 product, to gain access to all P2 products. Domain authentication can also be enabled, further simplifying administration tasks.

P2 Security also allows security to be applied to objects at a granular level. For example, different permissions can be configured at the workspace level and at the dashboard level.



# Resolved Issues

As this is the first release of the product, there are no resolved issues.

# General Notes

* This release does not have a page edit mode.

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Documents in the P2 Explorer technical documentation suite are:

|  |  |
| --- | --- |
| Title | Description |
| P2 Explorer 4.0.0 Release Notes | Release Notes for P2 Explorer version 4.0.0. |
| P2 Explorer Installation Guide | Installing P2 Explorer components and configuring P2 Explorer for use. |

You may also find the following documents useful:

P2 Server Installation Guide

P2 Security Installation Guide

P2 Security User’s Guide

These documents are available from P2 Customer Support.

# Customer Support

For all matters concerning this product, please call P2 Customer Support:

|  |  |
| --- | --- |
| **Phone:** | +61 8 9241 0314 (outside Australia) or  1300 739 969 (Australia only) |
| **Email:** | [support@issgroup.com.au](mailto:support@issgroup.com.au) or [iss.support@p2energysolutions.com](mailto:iss.support@p2energysolutions.com) |

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