

POWER BI FAQ



3E DATA INSIGHTS DEPLOYMENT AND LICENSING OPTIONS	Power BI Pro License		Power BI Premium	Power BI Desktop	Power BI Report Server
	For Report Developers	For Report Consumers	For Report Consumers	For Report Developers	On Premise Option for Report Consumers
	Purchase separately or Included with Microsoft Office 365 E5 license	Purchase separately or Included with Microsoft Office 365 E5 license	Need Power BI Premium license	Free	Comes with SQL Server Enterprise License w/ Software Assurance
Utilizing Power BI Cloud Components	Required	Required (1)	Required (1)	Required	Not Compatible
Embedded in "Lawyer Experience – 3E Workspace"	Required	Required (1)	Required (1)	Required	Not Compatible
Embed SSRS Reports		Required	Required		
Utilizing On Premises Components					
Embedded in "Lawyer Experience - 3E Workspace"	Not Required	Optional (2)	Optional (2)	Required	Required
Embed SSRS Reports		Required	Required		

Required (1) – One of these options is required. Licensing costs breakeven at 500 Power BI Pro licenses. For firms who need more than 400 licenses, it is recommended to use Power BI Premium for better performance. Also note that Power BI Pro is required for report developers even if the firm owns Power BI Premium.

<https://powerbi.microsoft.com/en-us/pricing/#powerbi-comparison-table>

Optional (2) – Power BI Report server comes with Power BI Premium.

<https://docs.microsoft.com/en-us/power-bi/paginated-reports-report-builder-power-bi>

Cloud Licensing Notes

- Deploying Data Insights utilizing Power BI Cloud Components does not store data in the cloud if using an on-prem financial and practice management solution.
- When licensing through Power BI Pro, all report users must be licensed.

POWER BI DESKTOP

What is Power BI Desktop?

- A single user desktop report authoring tool.
 - Q: How much does it cost?
 - A: It is free.
 - Q: Can I deploy Data Insights and only use the free Power BI Desktop license?
 - A: No – Power BI Desktop is a necessary component, but it doesn't do everything you need. Report Consumers must be licensed per the "3E Data Insights Deployment and Licensing Options" chart.
- Administrative tool needed to publish reports to Power BI service and Power BI Report Server which allows reports to be viewed by others.
- Create new reports including reports that are a collection of visuals on one or more report pages.

Limitations

- Doesn't create dashboards.
- Only share reports as files (similar to sharing Excel files).
- Not mobility enabled.
- Can't display in Workspace.

Reference

<https://docs.microsoft.com/en-us/power-bi/desktop-what-is-desktop>

POWER BI PRO

What Is Power BI Pro?

- Also referred to as Power BI Service.
- It is a single user subscription license that utilizes "Shared Capacity."
 - Shared Capacity is defined as large clusters of machines that handle sign-ins, data load, query processing, rendering of dashboards and reports, natural language understanding, machine learning, connecting to gateways.
- Used by administrators to publish, secure and administer dashboards and reports in the Power BI service.
- A collection of software services, apps, and connectors that work together to help you create, share, and consume business insights.
- The Microsoft Power BI *service* (app.powerbi.com), sometimes referred to as Power BI online, is the SaaS (*Software as a Service*) part of Power BI.
- In the Power BI service, you can create dashboards which display *tiles*, from these tiles you drill into the originating report to explore further.
- Dashboards and reports connect to *datasets* that bring all relevant data together in one place.
- Is a prerequisite to embed dashboards, reports, and tiles into 3E Workspace.
- Mobile enabled through Power BI mobile app or if embedded into 3E Workspace, you can use Elite Mobile.

- This is the modern interface that enables advanced Microsoft functionality like Q&A, Analyze in Excel, Machine Learning, Artificial Intelligence programming "R" visuals, ARC GIS maps, e-mail subscriptions, data alerts, Advanced Office 365 collaboration and composite models. The functionality described in this bullet is not available in Power BI Report Server.

Reference

<https://docs.microsoft.com/en-us/power-bi/power-bi-service-overview>

POWER BI PREMIUM

What Is Power BI Premium?

- Power BI Premium is dedicated computing capacity for your firm.
 - Delivered in the form of capacity nodes with a minimum of 8 v-cores (virtual cores), memory and bandwidth, without requiring purchasing per-user licenses for report viewers.
 - Provides more consistent performance.
 - Having enough memory becomes especially important when dealing with large data models or with a large number of active datasets.
 - Power BI Premium P1 Node consist of 8 virtual cores w/25 GB RAM.
 - Can piggyback multiple P1 Nodes if additional dedicated capacity is needed.
- Power BI Premium is also used to surface SSRS reports within Power BI Service and Power BI Report Server.

References

<https://docs.microsoft.com/en-us/power-bi/service-premium-what-is>
<https://docs.microsoft.com/en-us/power-bi/service-premium-faq>

POWER BI REPORT SERVER

What Is Power BI Report Server?

- Power BI Report Server is an on-premises report server with a web portal in which you display and manage reports and KPIs.
- Along with it come the tools to create Power BI reports, mobile reports, and KPIs.
- Your users can access those reports in different ways: viewing them in a web browser or mobile device, or as an email in their in-box.
- Power BI Report Server can be used to run Data Insight as an on-premise application.
- Only data from a single tabular model can be presented on a report.
- Since Power BI Report Server doesn't support dashboards, where data from disparate data sources can be pushed to the report consumer, reports in Power BI Report Server are limited to display only the data from a respective Power BI tabular model and associated report.
- The entry point for Power BI Report Server is a secure web portal you can view in any modern browser. Here, you access all your reports and KPIs.
- The content on the web portal is organized in a traditional folder hierarchy and can be secured by user or role.

- In your folders, content is grouped by type: Power BI reports, mobile reports, paginated reports, KPIs, and Excel workbooks.
- Shared datasets and shared data sources are in their own folders, to use as building blocks for your reports.
- Tag favorites to view them in a single folder.
- Create KPIs right in the web portal.
- Firms can manage the content in the web portal.
- Firms can schedule report processing, and access reports on demand.
- Create Power BI reports (.PBIX) with the version of Power BI Desktop optimized for the report server and publish them to and view them in the web portal in your own environment.
- Apply your own custom [branding](#) to your web portal.

References:

<https://docs.microsoft.com/en-us/power-bi/report-server/get-started>
Here is a Microsoft link that compares the functionality of Power BI Report Server to Power BI Pro/Service <https://docs.microsoft.com/en-us/power-bi/report-server/compare-report-server-service>

LICENSING POWER BI

How do I determine which Power BI license to purchase?

- Firms licensed for SQL Server Enterprise with Software Assurance are already licensed for Report Server (on prem) and should consider Report Server deployment. Existing hardware should be review to confirm it is sufficient for the deployment.
- Firms with Office 365 E5 licensing are already licensed for Power BI and should consider a cloud deployment.
- Firms with more than 400 timekeepers should review Power BI Premium for cost-savings and performance improvements vs. Power BI Pro.
 - Firms under 1500 timekeepers likely only need one Power BI Premium P1 Node license.
 - Firms with 1500 timekeepers or more will need to evaluate the number of P1 Node licenses that are needed. In most cases, 2 nodes will be required.
 - Firms licensing Power BI Premium need to purchase an addition 5-20 Power BI Pro licenses for Report Creators/Administrators.
- If none of the above applies, then separately licensing Power BI Pro is the recommended approach. Each Report Consumer will need a Power BI Pro license.

How do I acquire Power BI licenses?

- Thomson Reuters resells Power BI Pro and Power BI Premium licenses in a limited number of regions. Please discuss availability and pricing with your Thomson Reuters contact.
- Firms may deploy Data Insights using licenses purchased from Microsoft or a third-party vendor. Please work with Thomson Reuters to ensure the number and type of licenses acquired are sufficient for deploying Data Insights.

