



encore

Microsoft Power BI Apps for Dynamics GP

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 **Microsoft**
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What is Power BI?

Microsoft Power BI is a data visualization tool that works to turn your unrelated sources of data into coherent, visually immersive, and interactive insights. Whether your data is a simple Excel spreadsheet, or a collection of cloud-based and on-premises hybrid data warehouses, Power BI lets you easily connect to your data sources, visualize (or discover) what's important, and share that with anyone and everyone you want.



Where do we start?

Power BI is a powerful data transformation and visualization tool which can be used to build a very complex enterprise reporting solution. Complex solutions often involve advanced technical and development skills, which not everyone or every business has access to. The good news is that there are more basic ways to begin benefitting from Power BI, which can then be used as a launching point to determine the level of complexity and investment that your company would most benefit from.

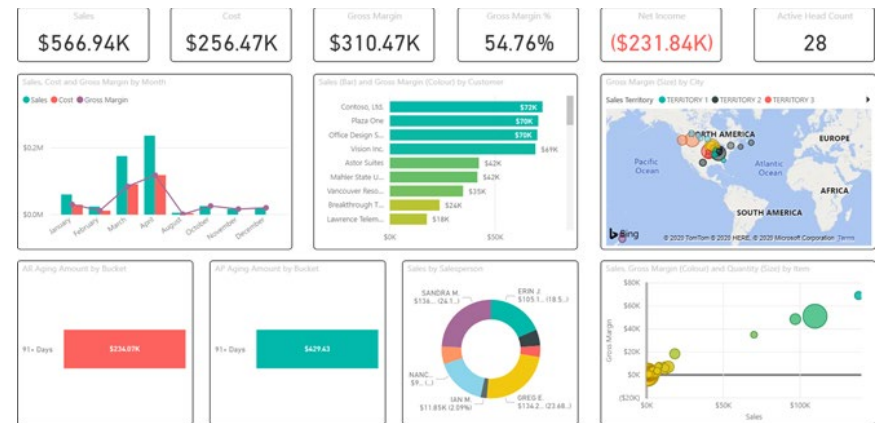
To help you take this first step, Encore has developed an entry level Power BI app that can be implemented for out of the box Dynamics GP data. It is a small investment to get a look at what Power BI can do, and to foster ideas on where you might want to take it within your business.

“Analysts and Data Scientists spend up to **80% of their time on data preparation** delaying the ability to analyze information and make timely decisions” - Gartner

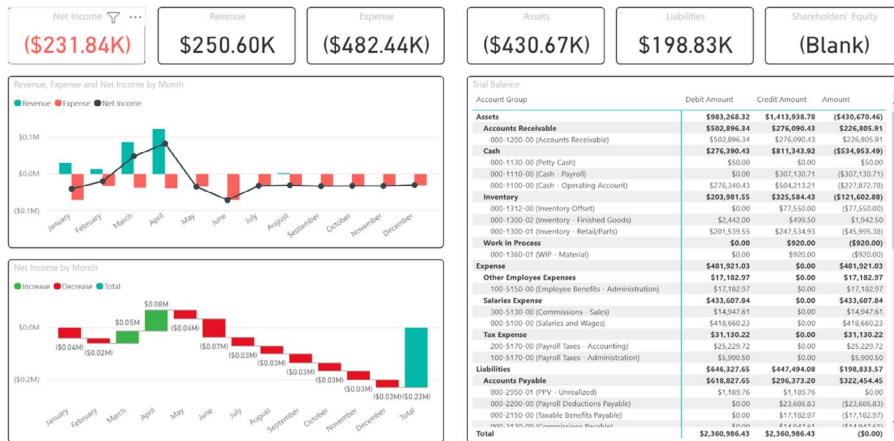
What does the solution include?

The app provides a group of reporting visuals that derive and present information from the common, core Dynamics GP modules. This includes:

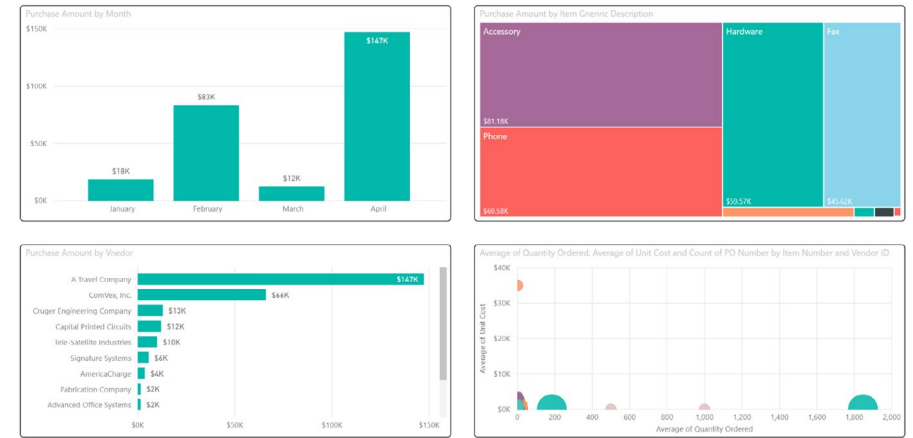
- **Executive** – this portrays key high level corporate measures and KPIs such as Total Sales, Gross Margin, Net Income and various graphical representations that upper management may want to see to “keep their fingers on the pulse” of the organization.



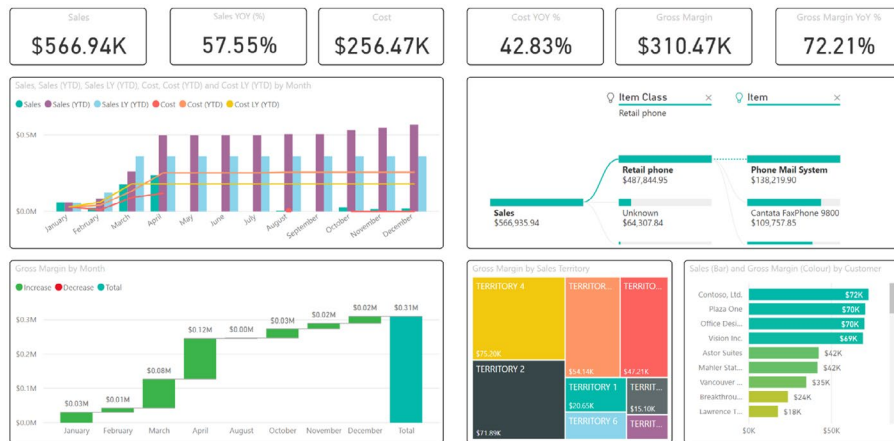
- Finance** – includes standard financial management measures and information representing revenue, expenses, and net income, as well as a Trial Balance view.



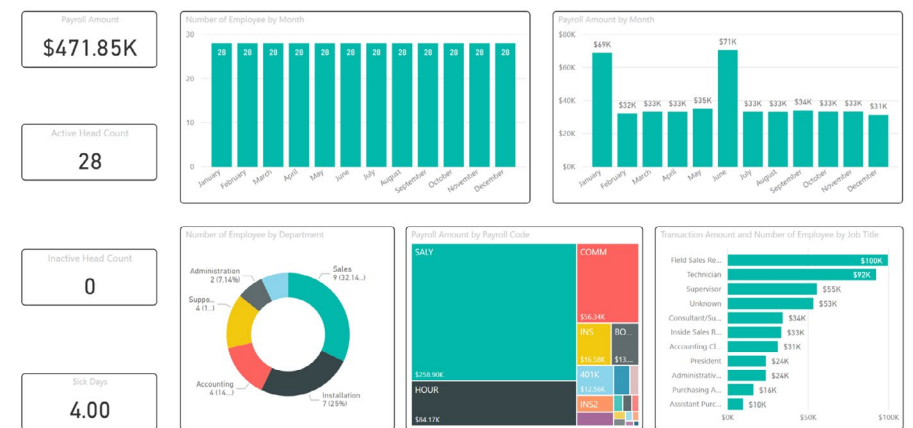
- Purchasing** – This area gives general insight into the status of purchasing, covering purchase amounts and item and vendor analysis.



- Sales** – This group of measures and visuals includes information generally viewed by sales managers, showing year over year comparisons, YTD progress, along with item and customer sales volume breakdowns.



- Payroll** – Again, this includes a high level summary of general payroll information. Depending on whether you are using US Payroll or CA Payroll, some adaptation may be involved to properly represent your company information for this area.



What does the solution NOT include?

The reporting included in the app is built to work on out of the box Dynamics GP data only. Any custom tables or fields (including Extender) or 3rd party products you may have installed in your environment are not included in the reports.

Having said that, as mentioned above this solution is a good pilot test for Power BI in your environment, and can serve as a launching point which can be further enhanced to include most any other data, be it within the Dynamics GP data schema or almost any other on-premise or cloud based data source.

Power BI has an extensive list of prebuilt data connectors which can be found [here](#).

Are there any prerequisites?

If you are using an on-premise deployment of Dynamics GP, you will need to have the [On-Premises Data Gateway](#) installed in your environment. If you do not have internal expertise to be able to do that, Encore can help with that too!

It is also assumed that the data model for Dynamics GP is unaltered and exists as designed out of the box. This includes all table and column names along with their default data types.

Contact Encore to learn more and start taking advantage of Power BI apps for GP:

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