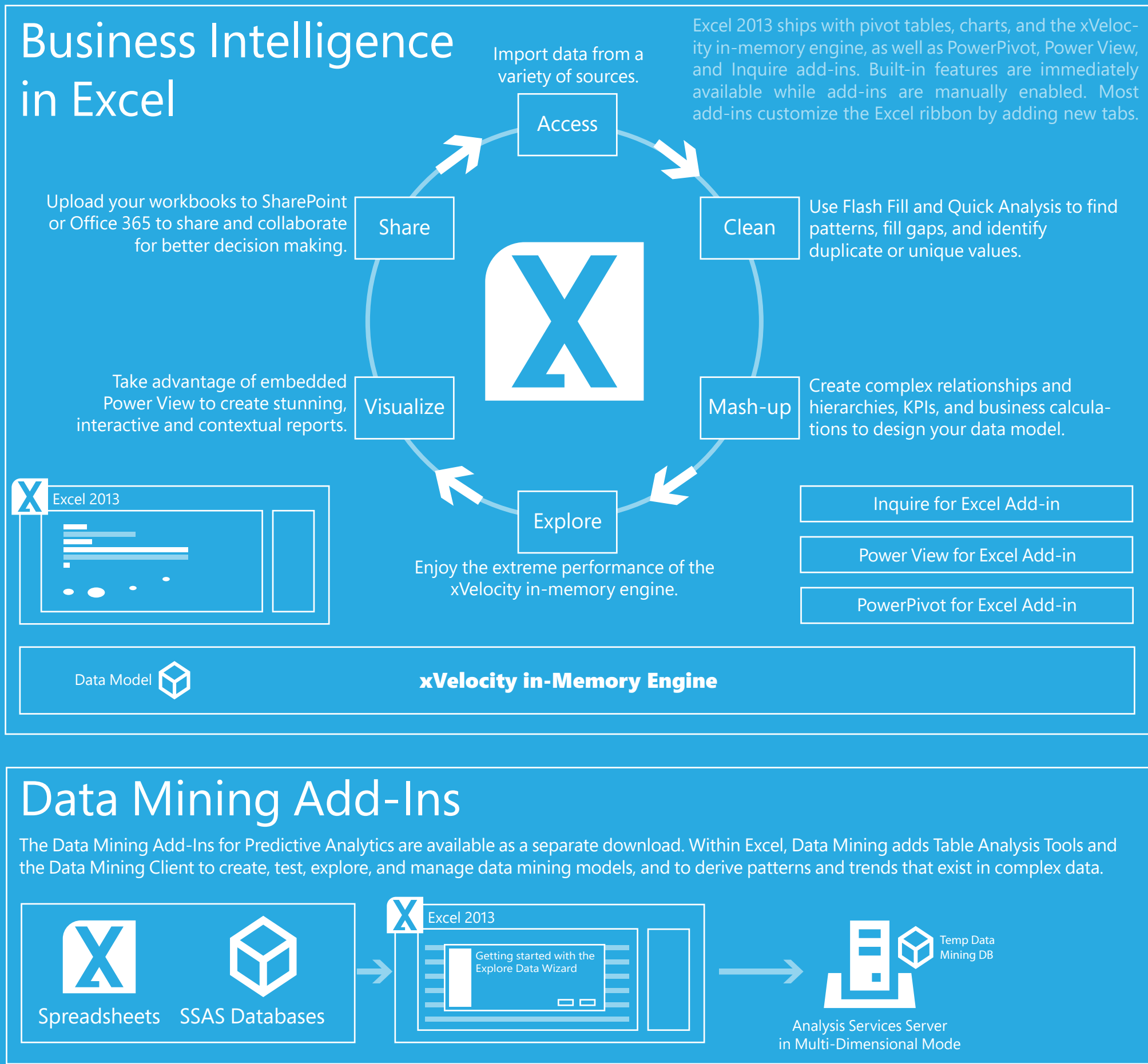


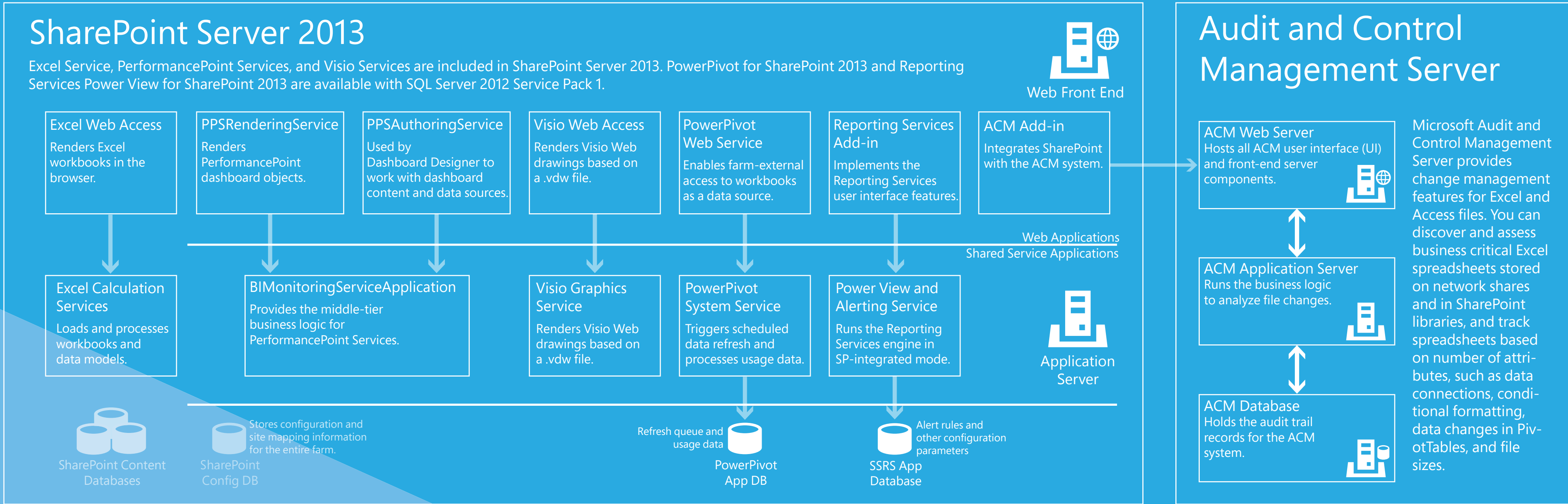
MICROSOFT BUSINESS INTELLIGENCE AT A GLANCE

Clients

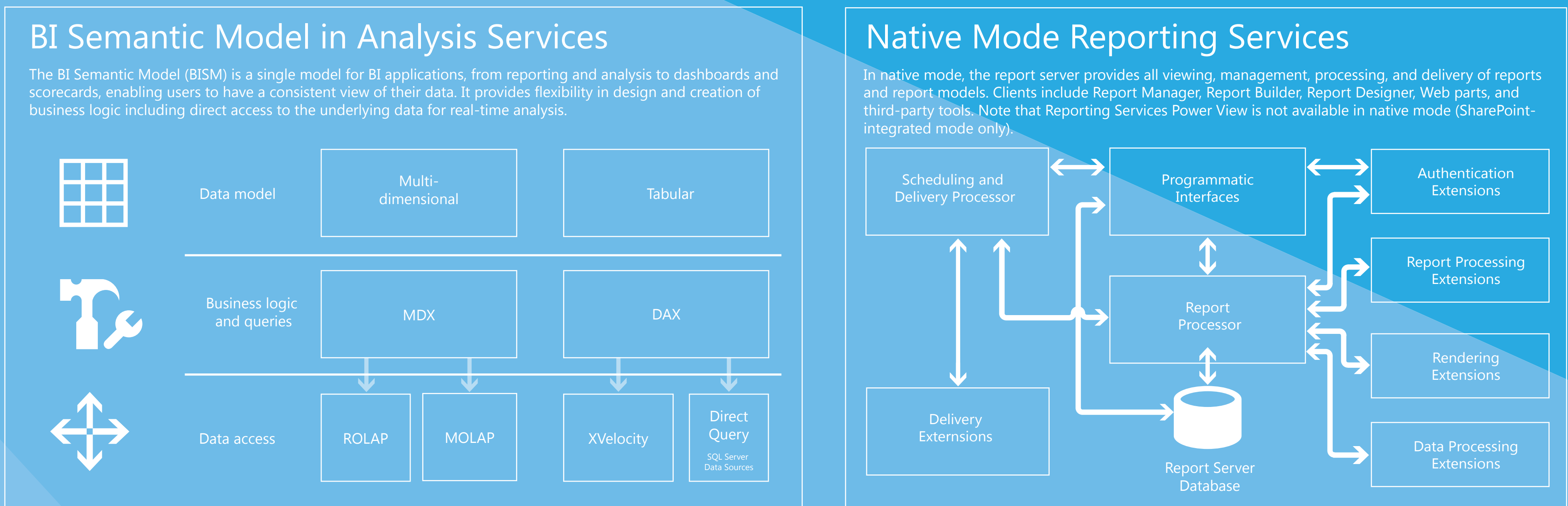
The Self-Service BI tool of choice is Excel 2013. You can import data from a variety of sources, clean it up in the Power View embedded data modeling tool, and then create interactive reports. PowerPivot and Power View are available in Excel 2013. PowerPivot is a Visual Studio-based development environment for BI professionals to create Analysis Services, Integration Services, and Reporting Services solutions.



Presentation Subsystem

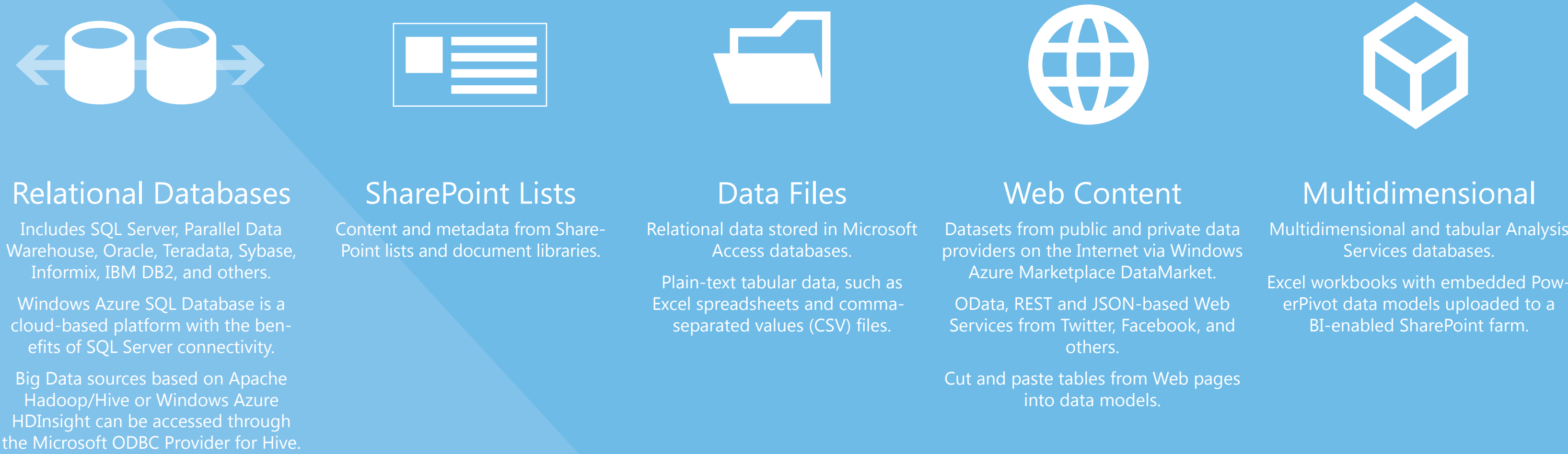


Information Sources



Data Sources

BI Semantic Models can import and mash up data from a variety of sources, including relational databases, SharePoint lists, data files, web content, and multidimensional data. The report is accomplished through data providers. Make sure the required data providers are installed on the server accessing the data.



Explore

Microsoft BI enables you to discover and analyze data using familiar desktop applications, namely Excel. Most Microsoft BI technologies integrate with Excel, such as PowerPivot and Power View. With the xVelocity in-memory engine integrated into Office 2013, Excel users can analyze large datasets in a matter of seconds, and Power View lets you build visually attractive and contextual reports.



Visualize

Information workers are accustomed to visualizing data interactively in Excel through pivot tables and charts on a worksheet. A new option in Excel 2013 is the Power View sheet. Each sheet has its own charts, tables, and other visualizations. A single Excel workbook can contain multiple Power View sheets, and each of the sheets can be based on a different data model.



Control

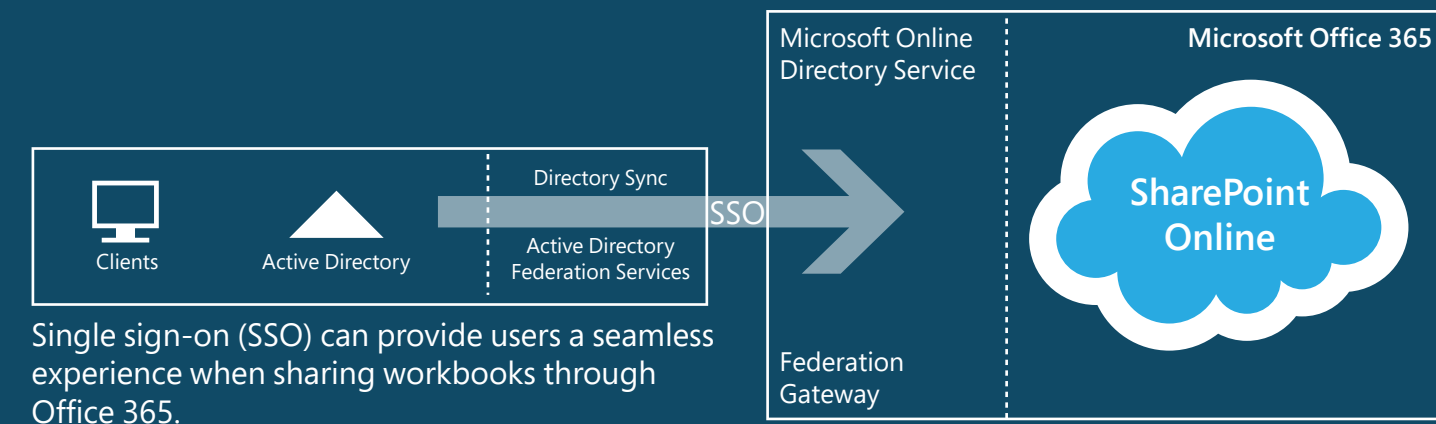
Having users gain more actionable insights through self-service BI solutions requires IT to deliver BI services to the organization at a new level of manageability, control, and compliance. Microsoft BI includes tools for IT to monitor and protect BI assets without hampering user agility and creativity, which help to create what we call "Managed Self-Service BI".

Mobile BI

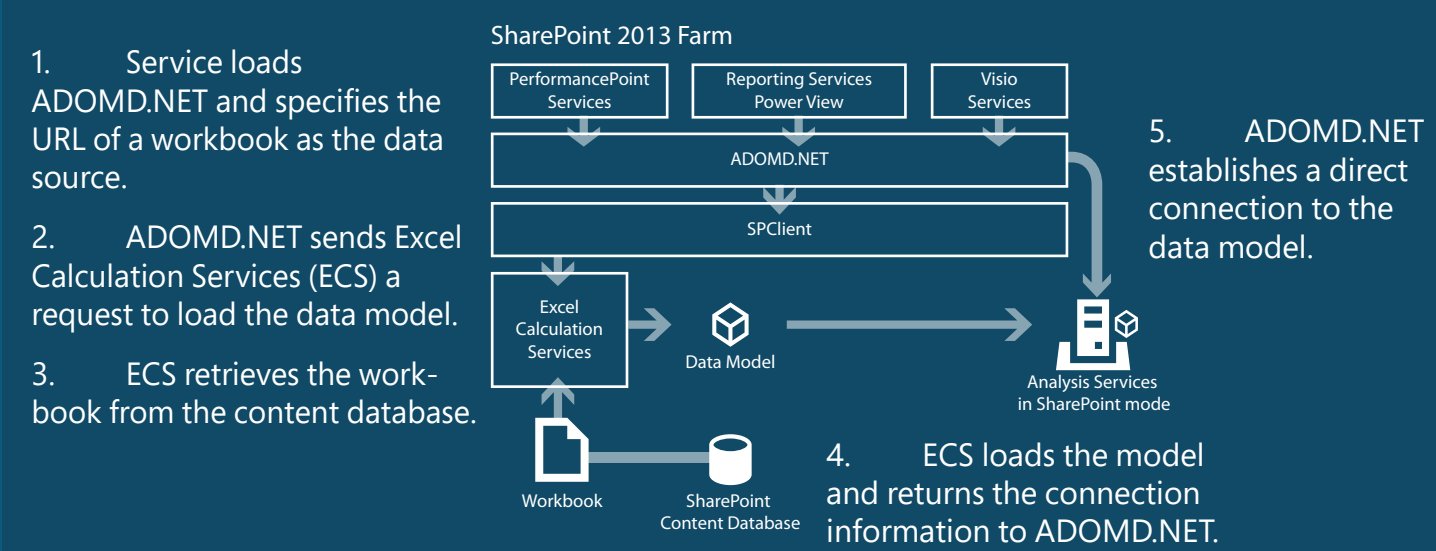
Microsoft browser-based mobile business intelligence can be best experienced on Windows mobile devices and is also officially supported on Apple iPad devices. Business intelligence content that can be viewed on Windows and Apple iPad mobile devices includes SharePoint PerformancePoint dashboards, scorecards, Reporting Services, Excel Services and Visio Services reports.

PowerPivot Workbooks in Office 365

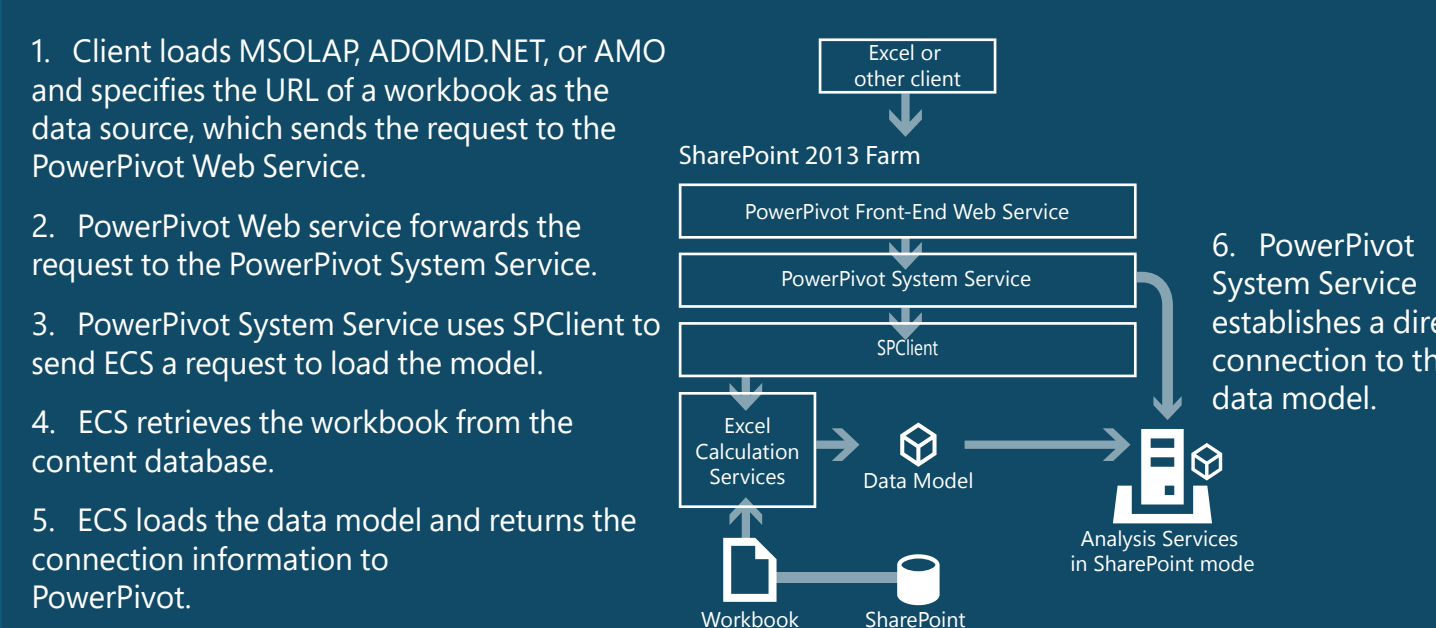
Excel Services in Office 365 enables browser interactivity for workbooks that have been made tablet-friendly. You can sort, filter and pivot on data, interactively drill up, down with the new "Quick Explore", and change pivot tables in the PowerPivot Field List. For data embedded in Excel tables, users can also refresh the data model and see the changes in the pivot tables and charts. Excel Services in Office 365 also supports the display of Power View sheets with all of its interactivity to visualize your insights.



Farm-Internal Access to Workbooks as a Data Source

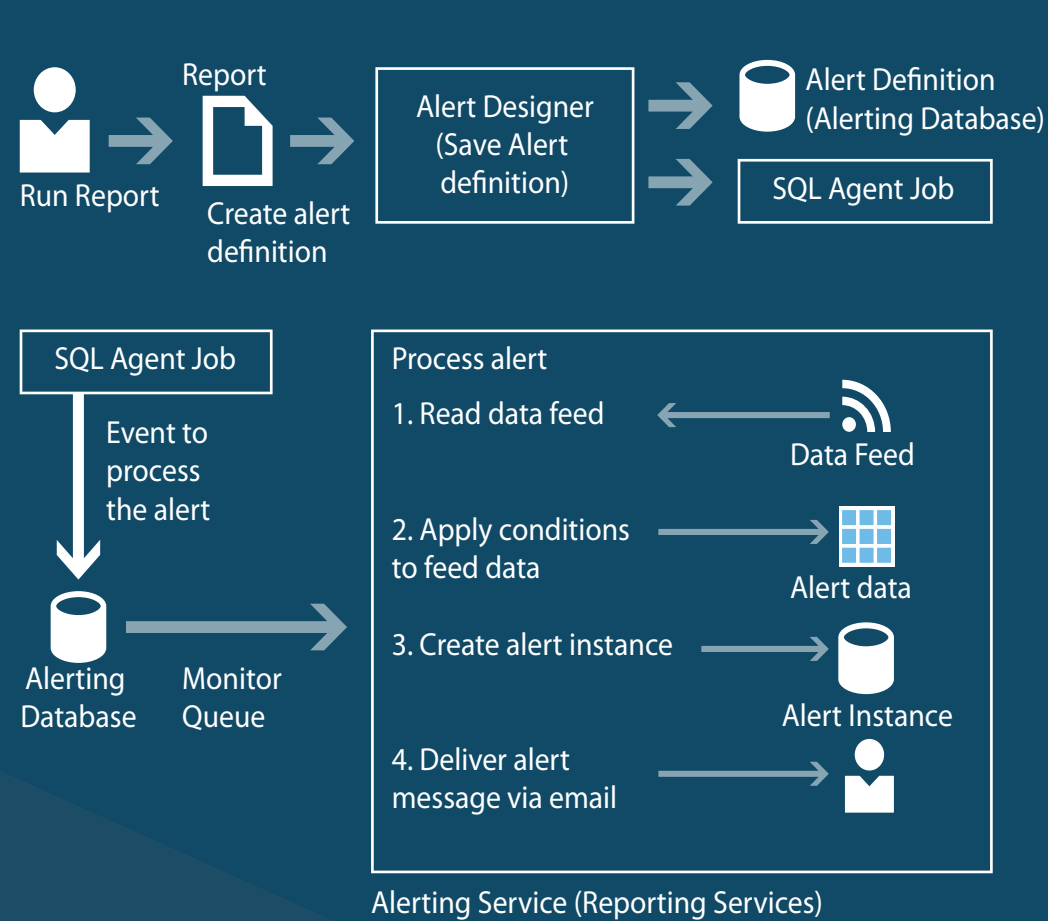


Farm-External Access to Workbooks as a Data Source

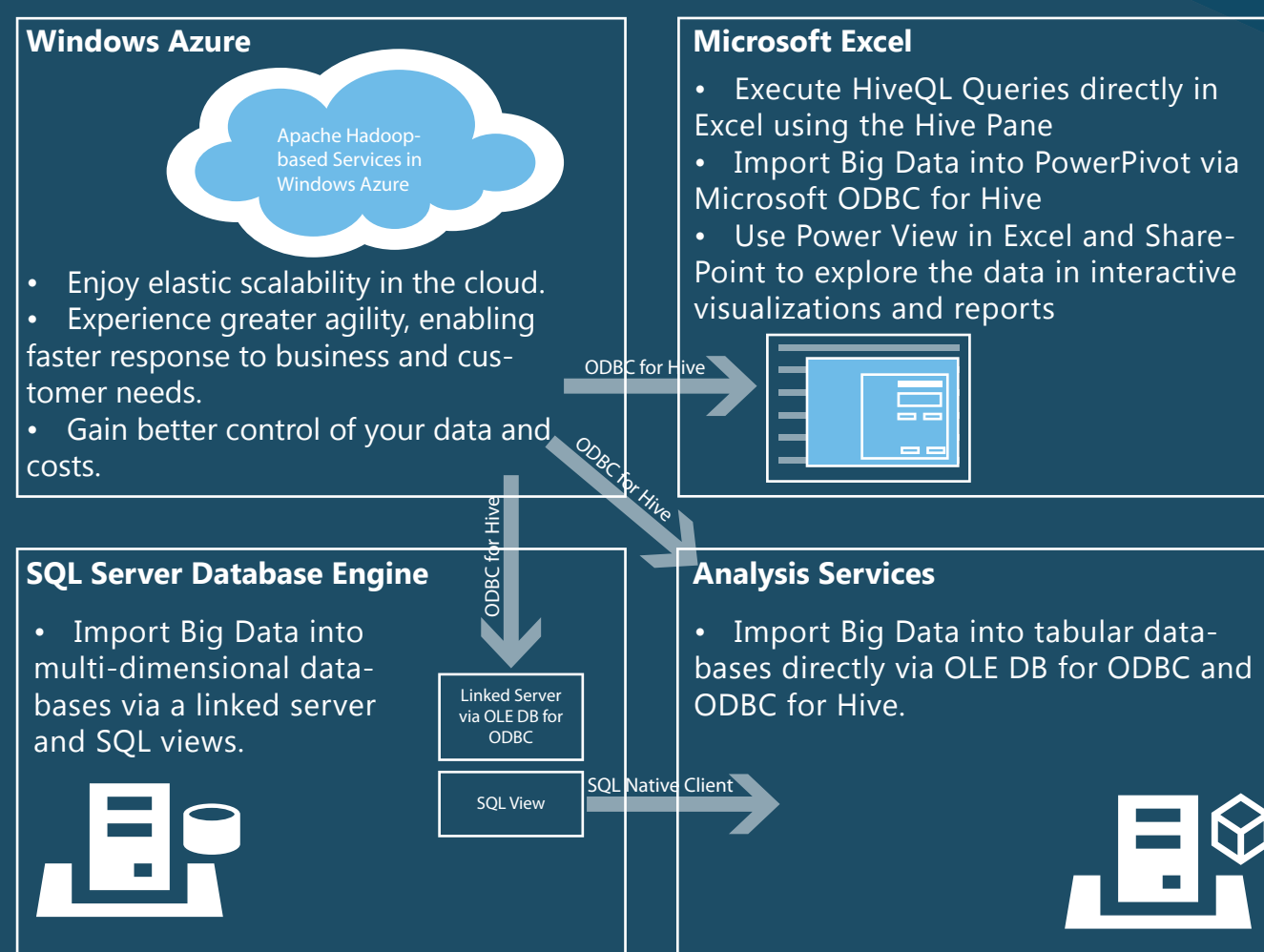


Reporting Services Data Alerts

Data alerts are a data-driven alerting solution for any user that can access reports to setup alert rules and be alerted when report data changes occur that match the defined set of rules. Data alerts messages are sent by email. Depending on the importance of the information, you can choose to send alert messages more or less frequently and only when results change. You can specify multiple recipients for the alert messages and this way keep others informed and enhance efficiency and collaboration.



Big Data Analytics



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