

Power Data-Driven Decisions with TimeXtender and Power BI

Combine the right data with
the right visualization tool
for better business decisions

Microsoft Power BI is a business analytics service that delivers insights to enable fast, informed decisions. It enables the transformation of data into stunning visuals and sharing them on any device. Users can visually explore and analyze data — on-premises and in the cloud — all in one view.

To get the most out of your data, it should be extracted from transactions systems, merged, enriched, and change data captured for historical analysis. What is the best way to prepare data for Power BI? TimeXtender.

Organizations that connect Power BI directly to data sources, such as applications and data files, increase the possibility that their analytical environment will end up full of unnecessary risk and complications. These risks and complications limit the scalability of an analytical environment and may even compromise your organization from a compliance point of view.

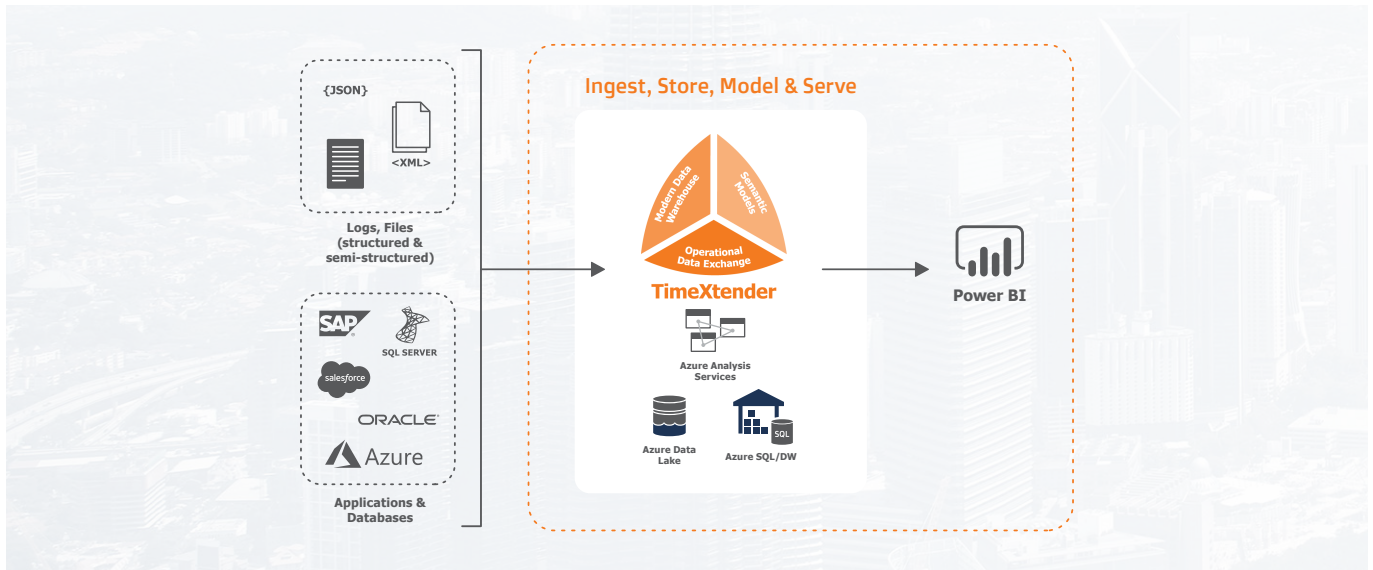
While these risks may initially seem inconsequential, over time they can bring your entire analytical, and in some cases even your transactional environment to a halt. For instance, connecting directly to a line of business system can severely impact the performance of that system when many Power BI users are running simultaneous reports. Another common issue occurs when an application upgrade alters the structure of the underlying database. Typically, this breaks all reports and dashboards relying on the affected data structures and grows the request backlog for the IT team building reports and dashboards.

While the above examples impact the operational efficiency of your organization, the risks might be even higher when it comes to compliance and data governance. With pending legislation in California and already implemented General Data Protection Regulations (GDPR) in the European Union governing the management and security of data, allowing direct connections to transactional data systems through an analytics tool can create significant risk, with potential fines for the improper handling of data running into millions of dollars.

TimeXtender addresses these risks in three simple steps.

1. First, it allows you to merge raw data from a wide variety of applications and data files into a single, secure and managed data repository.
2. Second, it provides the ability to rapidly define and build a modern data warehouse with governed data that is connected, enriched and managed.
3. Third, it enables you to build and publish meaningful business data models that can be accessed from Power BI, while maintaining the highest level of security and providing data lineage and documentation for governance.

TIMEXTENDER



Combining Power BI with a modern data estate - built using TimeXtender - as part of your organization's analytics strategy, gives users the full power of business intelligence in a structured, governed and secure environment with a self-service analytics framework. It frees IT from manual tasks that can be readily automated.

TimeXtender combined with the powerful visualization and reporting capabilities of Power BI serves a broad audience of users with different analytical and reporting needs.

- 1. Business Managers and Users** – who regularly seek the same type of information at a specified frequency, often in real-time. Data is transformed into standard, easily accessed reports and dashboards, which could be used to make strategic, financial and operational decisions.
- 2. Data Analysts** – are given the ability to focus on difficult business scenarios or questions instead of report requests.
- 3. Data Engineers** – are freed by TimeXtender from the time-consuming task of creating complex data pipelines, scripts and models. TimeXtender can transform IT from “gatekeepers” to “shopkeepers” of analytics data.

Rapidly building a modern data estate for analytics using TimeXtender and then visualizing the data using Power BI allows you to circumvent the many risks and complications associated with reporting directly from your organization's applications and data files.

In addition, the strength of Microsoft's Azure data services allows for near infinite scalability of the analytics environment while providing access to advanced technologies like machine learning and artificial intelligence.

TimeXtender empowers customers with instant access to data, enabling them to make quality business decisions with data, mind and heart. We do this for one simple reason: because time matters. A Microsoft Gold Certified Partner, TimeXtender serves its 3,000+ customers, from mid-sized companies to Fortune 500, through its global network of partners. TimeXtender was founded in 2006 and is privately owned, with headquarters in Denmark and the U.S. and regional offices around the world.

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