

Making Data Insights as Easy as They are Actionable

How Hitachi Solutions has revolutionized
data insights with an end-to-end platform



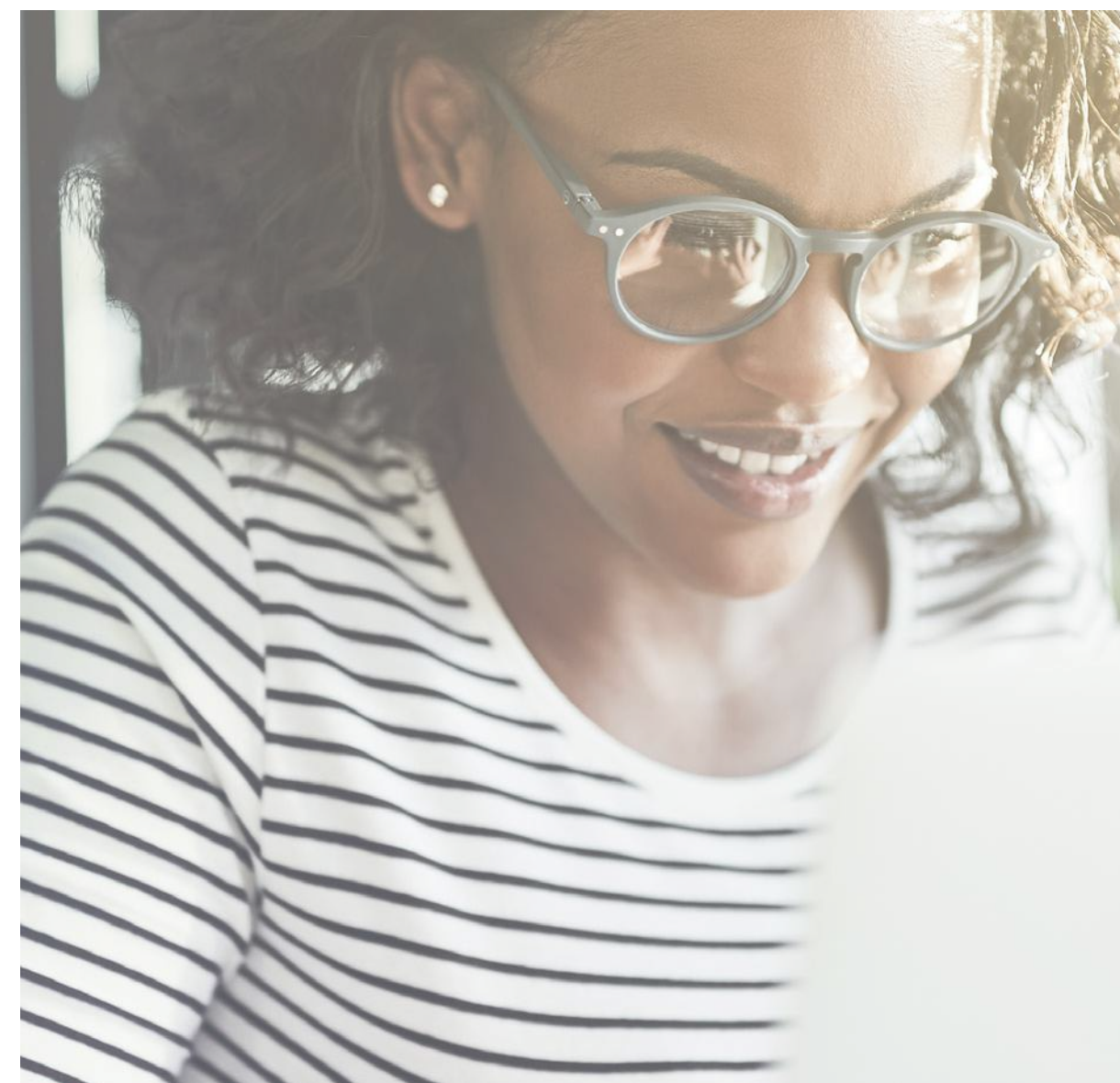
Information is the oil of the 21st century, and analytics is the combustion engine.¹

In an age of continual digital transformation, data has become indispensable to business. When mined for insights, data has opened doors for businesses to reinvent or improve products and services, drive innovation that yields entirely new sources of income, and edge out competitors.

It's undeniable that businesses that have invested in rich data insights outperform peers within their industry. These data-driven companies are able to be more agile, respond faster to change, and better predict new trends that will impact their business. They can operate more efficiently, optimizing internal processes.

Today, AI holds the promise of once again transforming what's possible with data. Emerging technologies like GenAI, for example, have the potential of changing how people work, accelerating productivity, and reducing the heavy lifting for many functions, business and technical. Given this, it's not surprising that data and AI feature prominently in executive priorities. For example, industry analysts like Gartner are predicting a swift rise in investments like GenAI. By 2026, Gartner predicts more than 80% of companies will use GenAI.²

Yet, despite the promise of value behind data, it remains difficult for many businesses to extract meaningful insights from their data.



79%



say technologies such as analytics, AI, and automation will be critical to success over the next two years.³

1. Peter Sondergaard, Senior Vice President and Global Head of Research at Gartner Inc.

2. [Gartner Press Release](#), "Gartner Says More Than 80% of Enterprises Will Have Used Generative AI APIs or Deployed Generative AI-Enabled applications by 2026," October 2023.

3. [Gartner Press Release](#), "Gartner Survey Finds 79% of Corporate Strategists See AI and Analytics as Critical to Their Success Over the Next Two Years," July 2023.

Modern Data Analysis Needs Modern Infrastructure

While doing more with data may be an urgent priority for business leaders, legacy systems and infrastructures hamper progress.

Siloed Data

Businesses today are producing more digital streams of data than ever before. And yet, much of it remains inaccessible, siloed across multiple on-premises or SaaS systems, each with unique formats that don't play well together. Organizations are also increasingly producing data at the edge—such as by IoT sensors—representing an additional silo fragmenting data estates.

For businesses, this reality means they're often operating with insights based on partial data, limiting visibility. On average, businesses are using only 20 percent of their data, with the remaining 80 percent out of reach of data analytics tools.⁴

Lack of Scalability

Legacy tools and processes often can't keep up with the sheer volume and velocity at which data is created. For example, it can be difficult, and costly, to expand on-premises databases to handle the continually increasing volumes of data. Also, many legacy data analytics processes rely on analysis and reporting based on aggregate data run at periodic intervals. Old quarterly or monthly business reports are just too slow in an age of continuous streams of information. By the time reports are created, they're already outdated.

The result is that companies with legacy data infrastructures often struggle to make data actionable at the pace of business. More often than not, these organizations feel overwhelmed by the torrents of data coming their way, and their inability to move fast enough.

⁴ McKinsey, "Designing data governance that delivers value," June 2020.



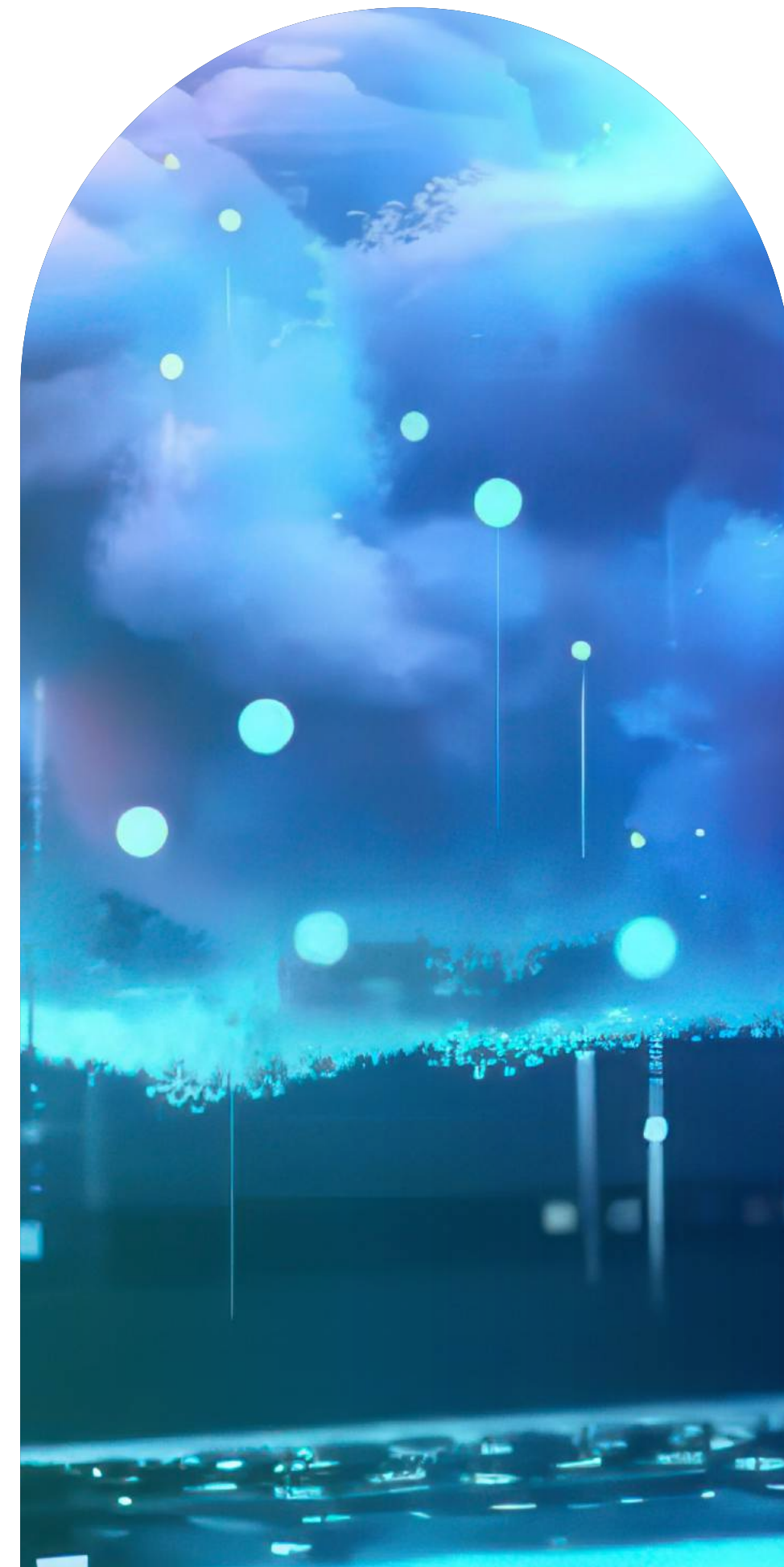
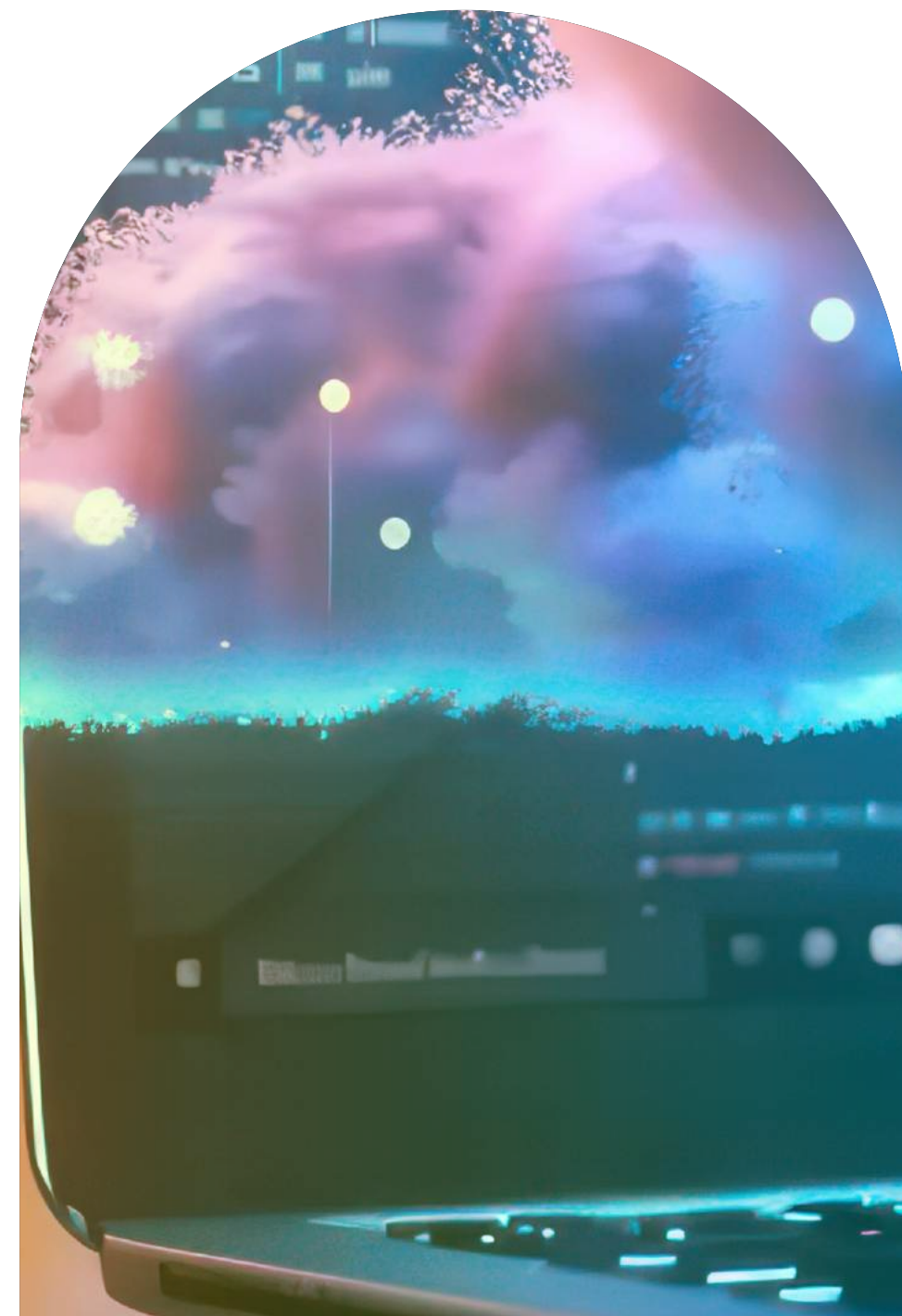
20%
of data is actionable
by businesses.



80%
of data is
inaccessible
for analysis.⁴

Perils of Modernization: It's Hard to Go it Alone

Recognizing that legacy data infrastructures can't keep up, many organizations have turned to the cloud as a preferred path to modernization. The cloud brings organizations greater ability to scale, secure, and process large volumes of data at a much faster pace than is possible on-premises. It also provides a path to begin leveraging AI as part of modern data strategies.



Yet, modernization isn't easy. Many modernization visions have gotten derailed along the way, costing organizations lost opportunities. For example, for companies that want to do more with AI, not having a stable data foundation can bring those efforts to a halt. A recent study found that **72 percent of leading organizations cite managing data as one of the top challenges preventing them from using AI.**⁵



Why does this happen? Some of the most common challenges include:

- 1 **Lack of Dedicated Staff**
While large enterprises can invest in dedicated teams to migrate to the cloud, not all companies can make investments of that size. Companies may be relying on leaner teams, with staff members wearing multiple hats, making it more challenging to meet timelines or requirements.
- 2 **Insufficient Skills**
When starting out with the cloud, organizations may find that their teams need to acquire new skills. Initially, the learning curve for cloud and AI technologies can be very steep, and it can feel overwhelming to select and learn from among the hundreds of cloud provider services. Teams can struggle to get started as a result.
- 3 **Stuck in Prototyping**
Often, companies test the waters by developing small proofs of concept. These initial pilot projects then languish, with teams unable to scale them to benefit the entire organization.

For businesses, these kinds of challenges can result in initiatives that get stalled or become prohibitively expensive.



14%

The amount companies pay above budget on data migrations.



38%

of data migrations are delayed by a quarter or more when done in-house.⁶

5. McKinsey. "The data dividend: Fueling generative AI," September 2023.

6. McKinsey. "Cloud-migration opportunity: Business value grows, but missteps abound," October 2021.



An Easier Way

At Hitachi Solutions, we believe there should be an easier way. Our goal is to make data accessible faster for organizations, easing the burden of developing and managing cloud infrastructure. Over the last few decades, we've helped hundreds of customers do more with data, with less pain.

We built Hitachi Solutions Empower Data Platform for exactly this purpose. With it, customers can transform data into insights in a matter of days, instead of the weeks and months it might take them on their own.

Built on the power of the Microsoft platform, Empower allows companies to accelerate data modernization journeys and make progress on transformation goals that may have seemed out of reach.

What's Possible

Accelerate Time-to-Value by 55 Percent

It only takes a few days to deploy the Empower Data Platform, which means customers can get started uncovering data insights much faster. The solution provides optimized connectors to make it easy to quickly ingest data from a variety of data sources. Customers also have access to full-tier support from Hitachi Solutions to optimize deployment, data intelligence, and reporting.

Save on Cloud and Project Management Costs

On average, companies that use Empower can reduce Azure spend by 65 percent through the platform's optimized pipelines. And, because Empower provides a fully functional, optimized, and resilient data platform from Day 1, customers also save an average of 50 percent on project development labor costs.

Simplify Processes with Automation

Companies will also benefit from built-in automations, which allow teams to spend more time interpreting and acting on insights, rather than ongoing infrastructure maintenance.

Keep Control of Your Data

When using Empower, customers retain control over all data, and own the Azure data tenant leveraged by the platform. Customers have complete visibility and control at all times.

Take Advantage of New Microsoft Innovations

As Microsoft releases new Azure capabilities, those new technologies are automatically flowed into the Empower Data Platform. Hitachi Solutions teams benchmark and test all Azure updates and add them to the platform so customers are always leveraging the latest technologies.

Create a Data Foundation for AI

The Empower Data Platform allows customers to unify their data, creating a robust foundation from which to build more advanced data solutions using AI/ML technologies.

Build on the Value of Microsoft Business Solutions

For customers that are using Dynamics 365 to run their business, Empower can serve as a powerful bridge between Dynamics data and other business data. By adding Empower, customers can gain comprehensive visibility and insights across their entire business.

Empower Data Platform at a Glance

The Empower Data Platform is built on Azure and works seamlessly with core Azure data and AI services, including:



Microsoft Fabric

Helping customers dramatically accelerate their Azure Lakehouse adoption strategy and results.



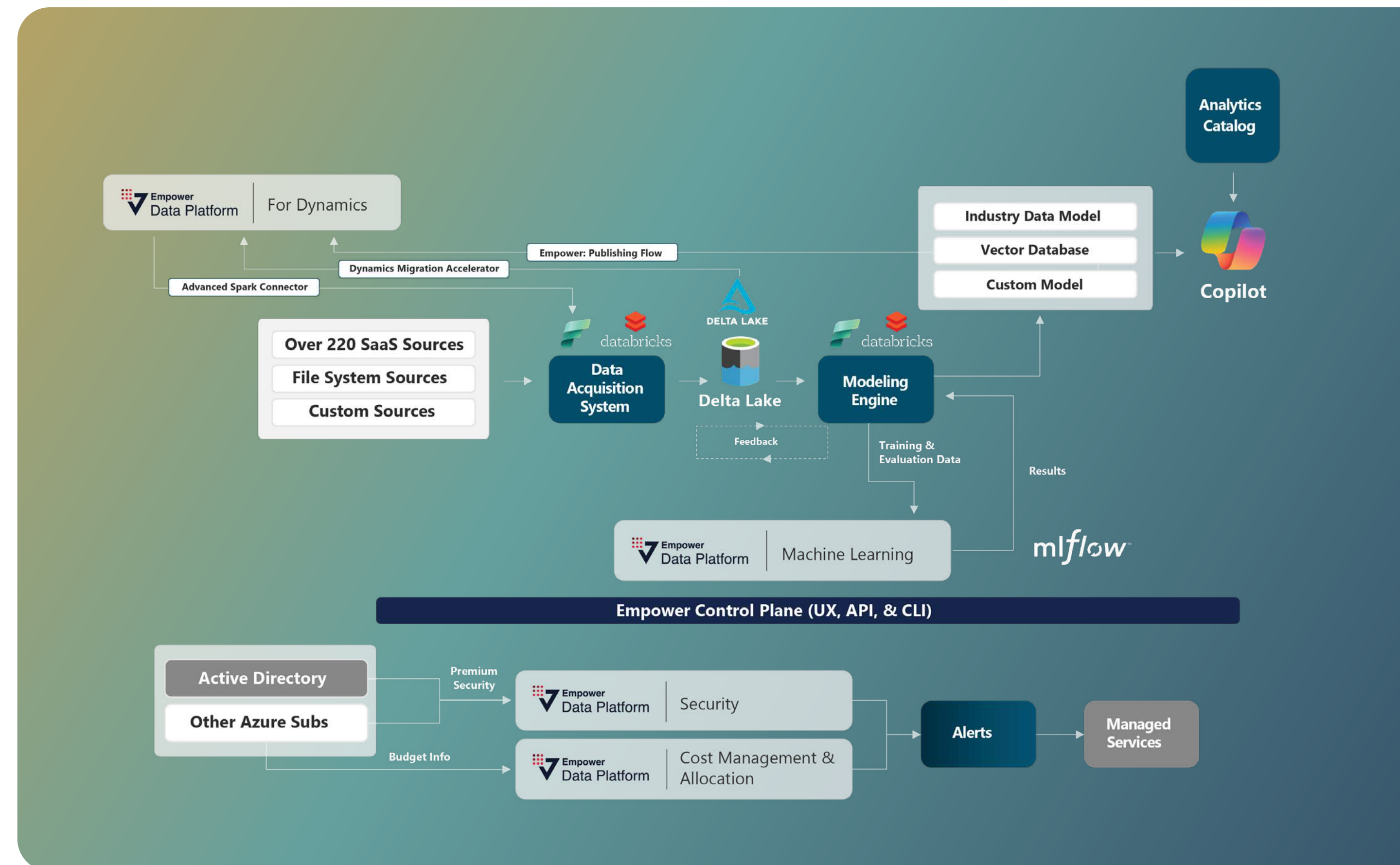
Microsoft Copilot

Enabling customers to bring the future of AI-fueled analytics to the present, enhancing data management and analytics workflows and helping teams focus on innovation.



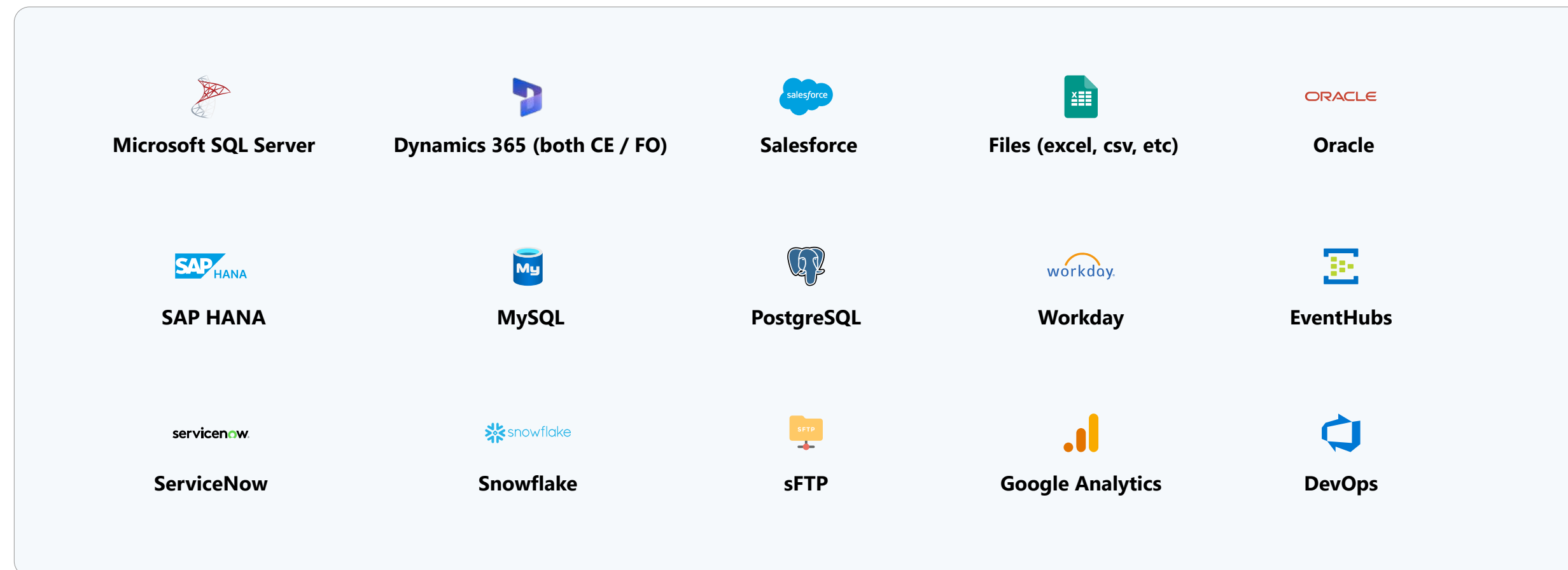
Azure Databricks

Bringing customers analytics at least cost by leveraging the Databricks Lakehouse Platform for strong data science and ML. The platform's approach was recognized by Microsoft as a Databricks Brickbuilder Accelerator solution.



Empower Data Platform at a Glance

With Empower, customers can bring together and unify over 200 sources of data—from Azure, to SQL, to Dynamics, to Salesforce, and many others.



The Empower Data Platform also offers industry-specific connectors to accelerate data outcomes.



Construction

- Primera P6
- Origamai
- Textura



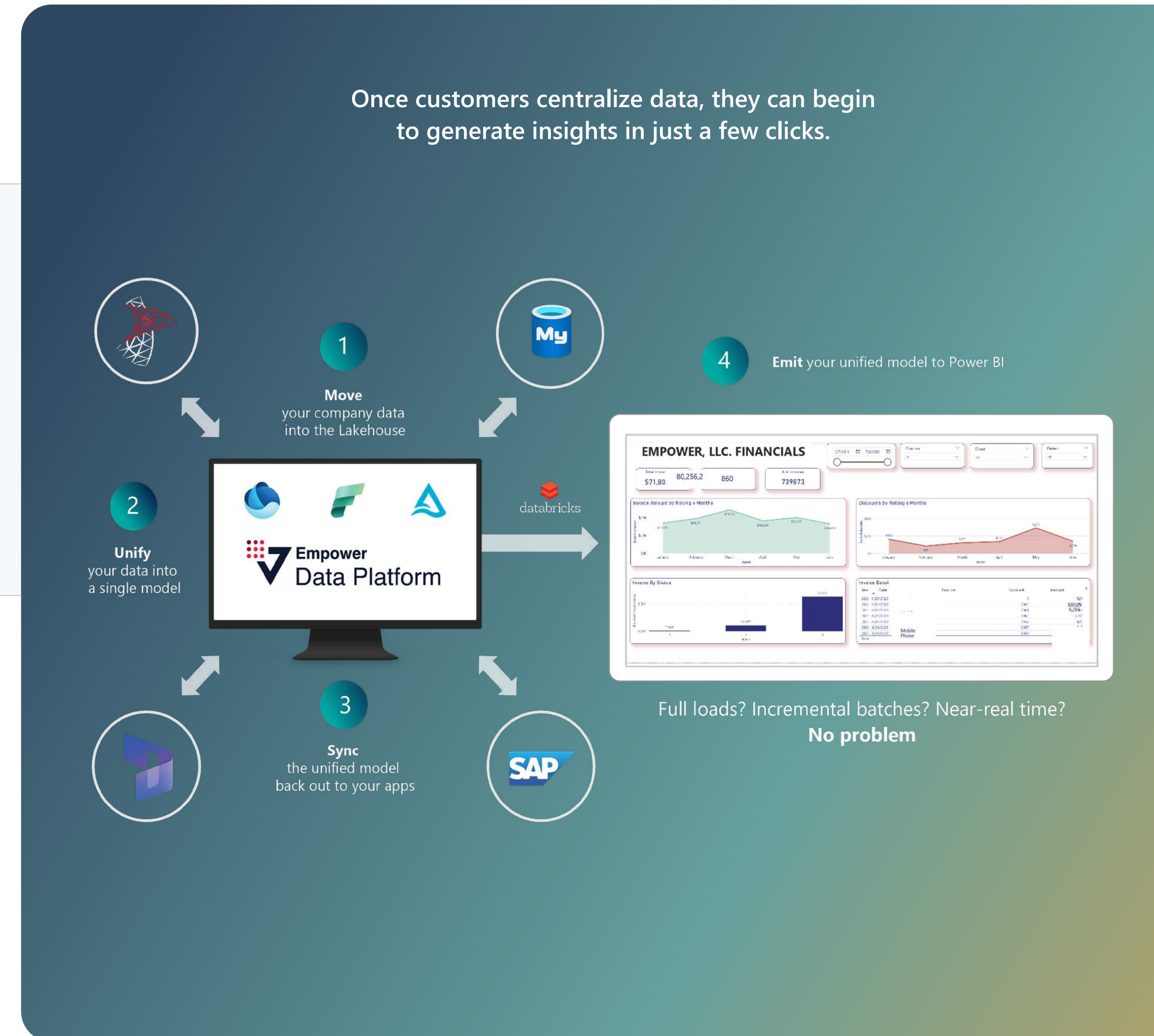
Financial Services

- DB2
- Netsuite



Manufacturing

- Kafka
- Mariadb
- Postgresql



Dedication to Microsoft

Hitachi Solutions has a deep relationship with Microsoft that goes back to our earliest days. Since our first day as a company, we've been 100 percent focused on empowering customers with Microsoft solutions and services.

Our teams are constantly working and collaborating with Microsoft teams. We bring those learnings, experiences, and best practices to the Empower Data Platform and to our customers.

Customers benefit from the end-to-end experience Hitachi Solutions brings across all of Microsoft's Solution Areas, further strengthened by our additional Advanced Microsoft Specializations in all six areas, deepening our ability to deliver for our customers.



Business Applications



Data & AI



Digital & App Innovation



Infrastructure



Modern Work



Security

Customers Are Realizing More Value From Data

Empower is helping customers in all industries around the world unlock rich insights from their data and get it in the hands of the right people, enabling better, faster decision-making.

Global Construction Firm Democratizes Data

A global construction firm wanted to get better reporting and make those reports more accessible and self-service. Having recently migrated to SAP BW/4HANA, this customer was dissatisfied with the quality of reporting.

Hitachi Solutions helped the customer deploy the Empower Data Platform, moving all data except that in SAP to their Microsoft data lake.



RESULTS

Enabled self-serve reporting, making data more accessible.

Lowered total cost of ownership by creating a cloud-based data warehouse for all non-SAP data.

Accelerated and improved decision-making across the company.



Customers Are Realizing More Value From Data

Provider of Animal Health Technology Proves Rapid Time to Value

A provider of animal health technology and services wanted help modernizing its data strategy and turned to Hitachi Solutions.

The company's legacy data warehouse was no longer meeting the customer's needs. Gathering insights and building reporting were manual processes, which made it challenging for the company to deliver timely, consistent data outcomes. Given that, the company decided to try out Empower with a one-month proof of concept.



RESULTS

Customer was able to start producing insights in days.

The pilot project resoundingly proved for the customer's leadership how quickly Empower could provide value.

Leaders note that it would have taken internal teams over six months to build an equivalent solution.



**Want to Dive Deeper With the
Empower Data Platform?
Try our Risk-free Trial Today!**

**Talk to us about your data modernization
goals and let us help you accelerate results.**