

# A Look Back: How DataOS Enabled Gartner's 2022 Trends



Gartner's [Strategic Technology Trends for 2023](#) was just released, but before we address their predictions for the upcoming year, we want to take a look back.

The Modern Data Company has been working hard to refine DataOS and build a new paradigm for using data. Gartner's trends received mixed feedback last year, with some questioning whether there was anything new in data or just old concepts rehashed. We are proud to say that we've made many enhancements to DataOS that helped realize many of Gartner's 2022 trends in practical and easily applicable ways. Let's take a trip down memory lane.

## Gartner's 2022 Digital Trends:

- Data Fabric
- Cybersecurity mesh
- Privacy-Enhancing Computation
- Cloud-Native Platforms
- Composable Applications
- Decision Intelligence
- Hyperautomation
- AI Engineering
- Distributed Enterprises
- Total Experience
- Autonomic Systems
- Generative AI

Let's next take a look at how DataOS helps address some of those trends.



## Trend 1: Data Fabric

A flexible, composable integration of data sources and tools? It is possible. In fact, [Gartner also predicts](#) that the data fabric market will reach \$4.4 billion by 2027. The problem isn't that companies don't want to implement a data fabric or don't have the budget — it's that they're relying on a series of point solutions glued together, which is time-consuming to create and complicated to maintain.

DataOS allows companies to build a data fabric or any other configuration. It's customizable to the company's unique data ecosystem and connects the newest technology investments with long-time legacy systems. Can organizations build a working data fabric using other methods? Yes. Are those methods more straightforward than DataOS? Absolutely not. In addition, DataOS ensures native governance standards and outcome-based engineering for business users.

## Trend 2: Cybersecurity Mesh

Another composable configuration designed for security — a mesh like this is intended to simplify an increasingly complex governance and authorization landscape. Companies may have many services available for both customers and employees, requiring authorization from various networks and locations. DataOS connects data sources and provides granular governance and security protocols with self-serve data functionality. Users quickly see what data is available, and administration views where and how data is used.

The biggest need DataOS fills here is actually getting companies from declared intention to action. Of course, everyone wants a composable framework for cybersecurity, but now, DataOS can help enable it.

## Trend 4: Cloud-Native Platforms

The Modern Data Company's DataOS is a cloud-native solution designed to connect to all systems easily and efficiently. It makes data sources easily discoverable and helps companies keep costs down by monitoring who is using what data and how they are using it. This level of visibility is crucial for building a cloud ecosystem that realizes its full potential without spiraling out of control in terms of cost and governance.

## Trend 5: Composable Applications

Because DataOS provides an operational layer to your data ecosystem, it enables you to inject composability. It's designed to connect to all tools and data sources for visibility and governance.

One challenge with shifting to a composable architecture is ensuring that there are no weaknesses in data pipelines or in communication between applications. DataOS enables companies to access and use data no matter their application and bypasses the integration issues plaguing companies.

## Trend 6: Decision Intelligence

DataOS is a decision platform. It enables everyone, from technology users to business users, to fully leverage data in day-to-day decisions and predictive analytics. It gives users self-service access to available data and enables the building of strong pipelines without the need for technical expertise or coding.

With everyone able to access data in real-time, organizational decision-making happens more rapidly. Instead of waiting for permission to use columns and rows — a process that can take weeks — users receive attribute-based permissions that provide access to data at their specific security level.



## Trend 9: Distributed Enterprises

DataOS enables distributed enterprises because of its inherent composability. Enterprises can connect all systems, tools, and data sources regardless of location, deploy data strategies and pipelines without the need for complex coding, and modernize applications without replacing them.

This operational layer gives companies a lot of freedom to scale up or down as enterprise needs change. Enterprises can become remote first and better enable customer 360 to virtualize customer touchpoints.

## Trend 10: Total Experience

What better way to integrate employee, customer, and user experiences than an operational layer? Total experience is another name for an aspiration that companies have pursued for years, but DataOS can make it realistically possible.

Total experience requires a streamlined interaction between various customer and employee platforms. These platforms must communicate efficiently and share data in near real-time to approach the level of seamlessness consumers and employees expect.

## DataOS Indirectly Facilitates the Other Trends Through Quality Data

We've listed seven of 12 trends directly enabled by DataOS, but the other five also benefit. DataOS may not directly enable them, but all require access to clean, consistent, high-quality data — something DataOS does deliver.

All of these trends help drive digital business, and DataOS can be the foundation. Discover how we can help facilitate these trends and more with your unique industry case by scheduling a demo.

[Schedule a demo →](#)

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