Maximizing

Data Transformation Investments for Distributors

Modern eBook

Table of Contents

Introduction 3

Replace Sunk Costs With Value In Progress 4

Sounds Great, But How Does It Work? 5

It Sounds Expensive. Is It? 6

Don't Wait For Your Transformation To Be Complete 7

TheModern DataCompany

The Modern Data Company
306 Cambridge Ave
Palo Alto, CA 94306
TheModernDataCompany.com
info@TMDC.IO

Transformation In Progress Industry Cut eBook

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

Introduction

Many distribution organizations today find themselves in the middle of a major digital and data transformation initiative. While progress is being made and various tools and platforms are updated, users can perceive that it is taking too long to see improvements, and stakeholders can perceive that it is taking too long to generate tangible returns. While full value can't be realized until a distributor's transformation efforts are complete, it is possible to accelerate value and get more from a partial transformation as it progresses. All it takes is thinking a little differently about how data is being managed.

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

Replace Sunk Costs with Value in Progress

It can be frustrating to see money, time, and resources spent on a transformation effort without having clarity on when value will finally be realized. As sunk costs increase, anxiety and doubts do too. However, why do people always view the negative aspects of a transformation in progress? Why is it always about the negative view of sunk costs and not the positive view of progress towards value? It doesn't have to be! If you're willing to view the situation with a glass-half-full instead of a glass-half empty lens, you can ensure that you gain substantive value as your data transformation progresses and you continue to purchase and implement additional tools, platforms, and technologies to support it.

One way to gain value is to implement one of the newest and most exciting technologies in the marketplace today: a data operating system. A data operating system is laid on top of a distributor's current architecture in whatever state the architecture is in. It adds a layer of connective tissue that enables integration between all the components in place — both legacy and new — while adding governance, lineage, security, and better data access. A data operating system will add a modern layer on top of the current stack to intelligently operationalize your data today even as you continue your transformation over time.

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

Sounds Great, But How Does It Work?

A data operating system is a new paradigm for data management technology. It focuses on cataloging, profiling, and providing access to data wherever it may sit. Even legacy tools that don't integrate directly with each other can be integrated through a data operating system. This is because the operating system will take care of identifying and combining whatever information is needed from each system. The individual components operate as they always do, but the output from those systems is captured and managed by the data operating system so that it creates deeper analytics.

While enabling components to work together, a data operating system adds layers of governance, lineage tracking, and security so that your distribution data ecosystem will be more robust and easier to use even as your data transformation continues to evolve. As new phases of the transformation are completed, the data operating system will access the new components instead of those that were replaced, and it will be seamless to the users. A distributor's corporate data will be operationalized and available throughout the transformation process, not just once it is complete, thereby both accelerating value and enabling substantive incremental value. As the transformation progresses and the performance, scalability, and features of the underlying components increase, those increases will flow into and through the data operating system to the users immediately.

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

It Sounds Expensive. Is It?

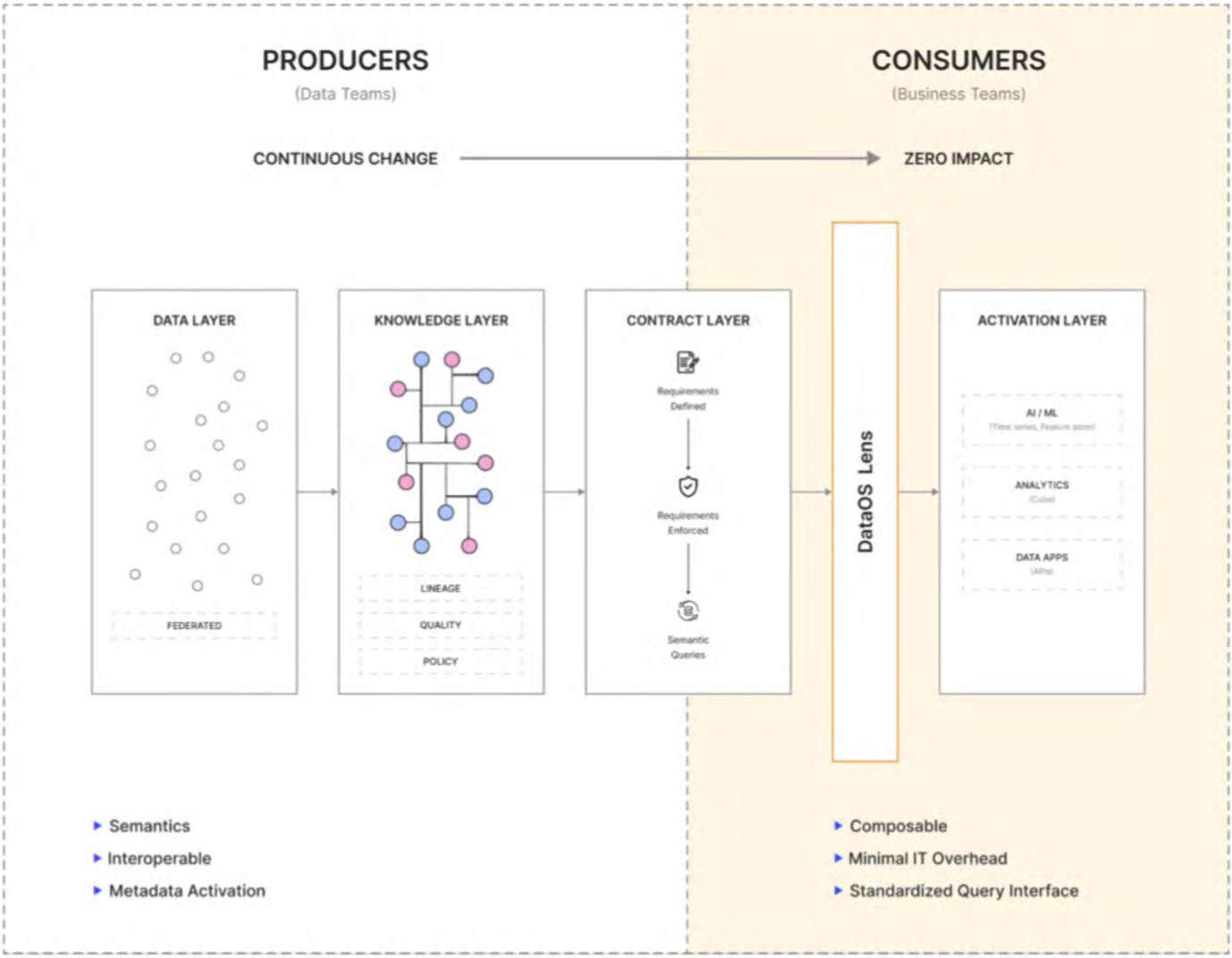
One question many readers would ask themselves right about now is how much will a data operating system cost. Gaining the benefits just outlined certainly isn't free, but it isn't a budget-busting expense either. The key to understanding why is to recognize that a data operating system isn't moving and re-platforming a distributor's data by default. Rather, it is cataloging what is present and creating a holistic view of all data available to the enterprise. It then provides the ability to interact with the data operating system to access the data instead of the underlying components. The operating system will in turn handle communication between the components.

What this means is that there will be no massive, incremental charges related to storing copies of data. For the most part, the computational costs will also remain largely the same within each component of the infrastructure since each component will be doing exactly what it is already doing. Increased costs will primarily come from whatever additional compute is required to execute analytics across the system. However, users have complete control of what is done and therefore can ensure that those costs are only incurred when the value generated will outweigh the costs.

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

Don’t Wait for Your Transformation to Be Complete

The Modern Data Company has built a data operating system, DataOS, that enables all types of users across a distributor’s enterprise. With right-to-left engineering and robust integration capabilities, business and technical users alike can find the data they need and build any query or report even as a digital transformation continues to progress. Once the connective layer is in place, IT can proceed with replacing legacy components at whatever pace makes sense. However, completing the entire transformation is no longer a prerequisite to vastly improving your distribution organization’s approach to extracting value from corporate data today.



© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

DataOS makes data simple in three easy steps.

1. It connects with all systems within the data stack without the need for integrations. DataOS enables access across multiple clouds and on-prem systems in a governed fashion. It abstracts away the data infrastructure complexity and allows users to manage and access data across ANY format and ANY cloud through a single pane of control. Because DataOS can connect to any system and can see everything that is happening to the data, customers get a near real-time view.

2. DataOS allows data developers and business users to access the data through a knowledge layer. The open standards approach enables developers to work with tools of their choice with respect to programming languages, query engines, visualization tools, and AI/ML platforms. DataOS customers do not have to upskill their workforce to run a modern data stack.

3. DataOS delivers data in formats fit for purpose to deliver advanced analytics, to power AI/ML and to rapidly experiment with and build data applications. DataOS also enables secure and high-quality data exchange/data sharing with the business teams defining the trust and quality contract terms. No other tools allow customers to understand their data at the most granular level and also activate that data for various use cases in a complex data environment.

To discover more about how DataOS can help you modernize your legacy infrastructure without ripping and replacing it all, schedule a demo with one of our data experts.

Schedule a Demo →

© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

About DataOS®

DataOS is an operating system that consists of a set of primitives, services and modules that are interoperable and composable. These building blocks enable organizations to compose various data architectures and dramatically reduce integrations. Enterprises can have the same data-driven decision-making experience akin to data-first tech companies in days and weeks instead of months and years.

About The Modern Data Company

Founded in 2018, The Modern Data Company began with the realization that enterprise-wide data access has been siloed. Data engineers and database administrators have been the longstanding data gatekeepers who funneled data to analysts and data scientists. We aim to change that by freeing enterprises to make better data driven decisions by democratizing access to data. When all employees, irrespective of their technical skills or background, can easily explore and analyze enterprise data, then both productivity and market expansion are realized at a faster pace.

TheModern DataCompany

The Modern Data Company
306 Cambridge Ave
Palo Alto, CA 94306
TheModernDataCompany.com
info@TMDC.IO

Transformation In Progress Industry Cut eBook
© 2022 The Modern Data Company. All trademarks are properties of their respective owners.

L20M