

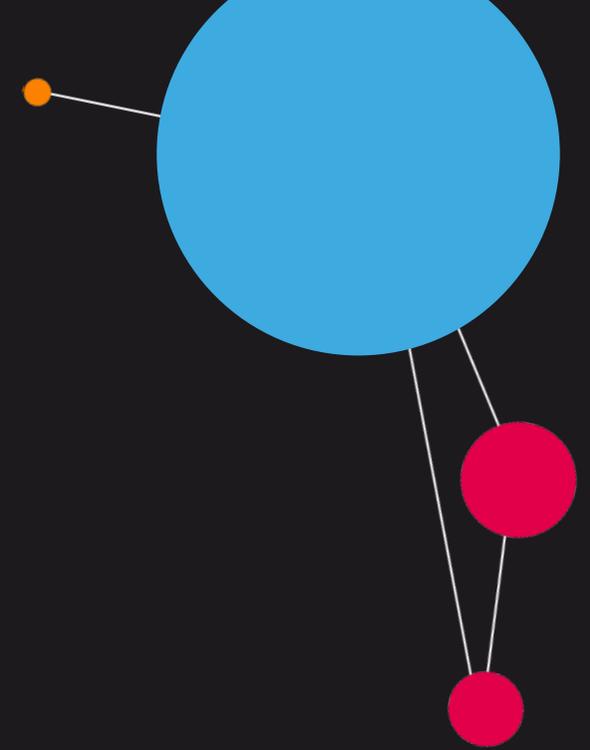
A vibrant, multi-colored nebula in space, with hues of purple, blue, green, and red, set against a dark background filled with stars.

Your Complete Guide to Dataware

**How this new category simplifies
data for maximized business agility.**

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Welcome to the Future of Data

Discover how Dataware is leading the way to better enterprise efficiency.

As the world generates more data, many organizations are finding that their historically app-centric data management approach can't keep up with demand—sparking a fundamental shift to the idea of a data-centric architecture through Dataware.

The history of digital data's architecture began as the memory of code, until we realized we could extract valuable intelligence out of data. We realized that each application managing its own data meant that information was siloed. We needed a way to bring it together without creating more copies. We also needed to eliminate the inefficient practice of using significant IT resources to complete the same repetitive tasks when building new apps.

Thus, Dataware is and always was an inevitable progression for how apps should be developed—and how data should be managed. It serves as a central repository that can provide access to read, change, and originate data across applications, eliminating the need for apps to manage their own data. It's the platform approach where users can collaboratively manage and originate data without creating new silos, copies, or integrations.

In this eBook, we'll explore how data is transforming from an app-centric model to data centrality with Dataware.

Dataware does for data, what the Power Grid did for electricity

The Power Grid eliminated the need for users to manage their own power

Dataware eliminates the need for applications to manage their own data

The Problem with App-Centricity

There are four big problems you can encounter when your enterprise is app-centric rather than data-centric.

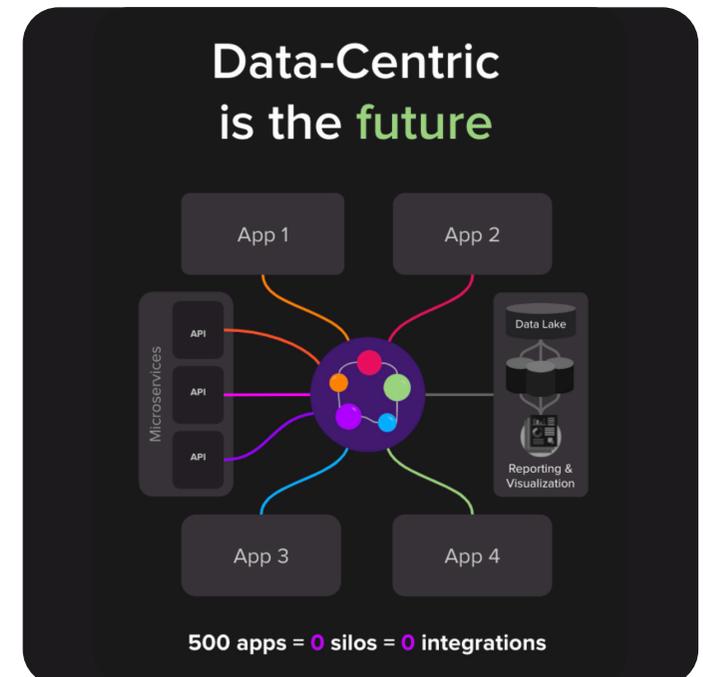
#1 Data Silos

A huge problem with building a data architecture around apps is the inevitable result of the creation of more data silos. Building a new platform and database for each app means that each app holds its own collection for data. These silos stand in the way of innovation and escalate operating costs by creating new integration needs—which then drives demand for more data management solutions like data lakes or data warehouses. Plus, silos use up a substantial amount of time and money on IT resources.

#2 Lack of Business Agility

Enterprises are continuously seeking new capabilities and new solutions to improve their business. But for each new capability, more time is required for IT to perform integration tasks to set the foundation for these new solutions. IT teams routinely spend half their time and budget integrating data¹ into these new capabilities—thus affecting business agility.

1 <https://cinchy.com/all-content/590>



The Problem with App-Centricity, Continued

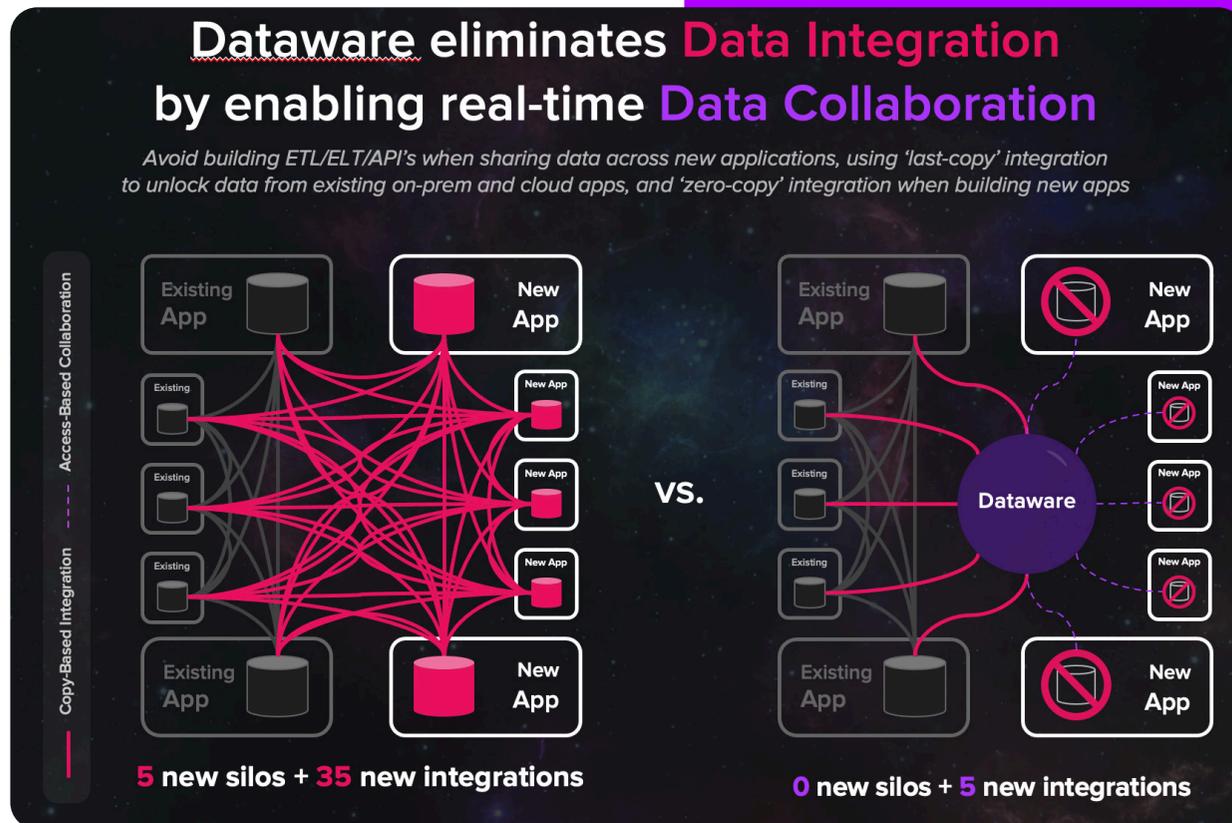
#3 Lack of Control

When your IT team sets up new solutions, there is often the need to copy over old data into the new databases. Not only does this waste valuable IT resources, but it also serves as a security issue. An enterprise's data is only ever as secure as its most vulnerable copy. And when modern enterprises have hundreds or thousands of copies of data, they can easily lose control of a single or multiple copies, leading to a dangerous liability. In addition, data is valuable and should be protected from the creation of numerous copies, which can devalue the data.

#4 The Integration Tax

When building new apps, there is also a clear issue of complexity growth. A single app can mean numerous new integrations. As the level of new technologies and digital transformation grows, the amount spent on integration increases as well. Every new integration increases your tax rate. However, through Dataware, data is all connected, eliminating this integration tax.

IT Teams routinely spend 50% of their time and budget on data integration.¹



More Apps =
More Silos =
More Integration

1

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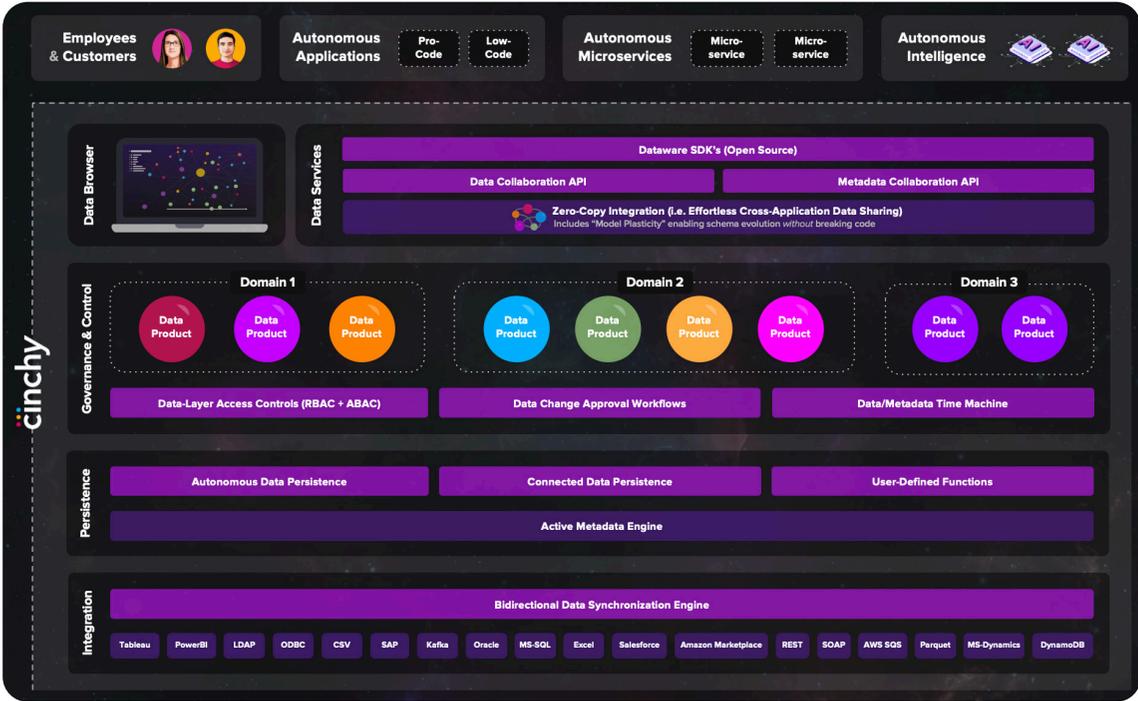
The Components and Capabilities of Dataware

The implementation of a Dataware platform requires a few important capabilities. Whether you're buying or building Dataware, these are the necessary components that make up the platform:

- The data browser, which is the end user experience.
- The unified data services that provide SDKs and APIs, enabling code to interact with data and metadata.
- The governance and control plane that enables better-rated governance, where your data products benefit from data layer controls (including role-based and attribute-based).

You can store data directly in the platform natively or cache copies of data connected from existing systems. All the metadata is exposed for activation with the active metadata engine. The built-in integration services enable bi-directional synchronization of data in and out of existing cloud and on-premises systems, enabling a simplified experience.

If you're building a Dataware platform, you'll want to account for these capabilities. And if you're buying a Dataware platform, you'll want to evaluate these capabilities. With an understanding of how a Dataware platform works, we can begin to understand the different ways it can be used by enterprises.

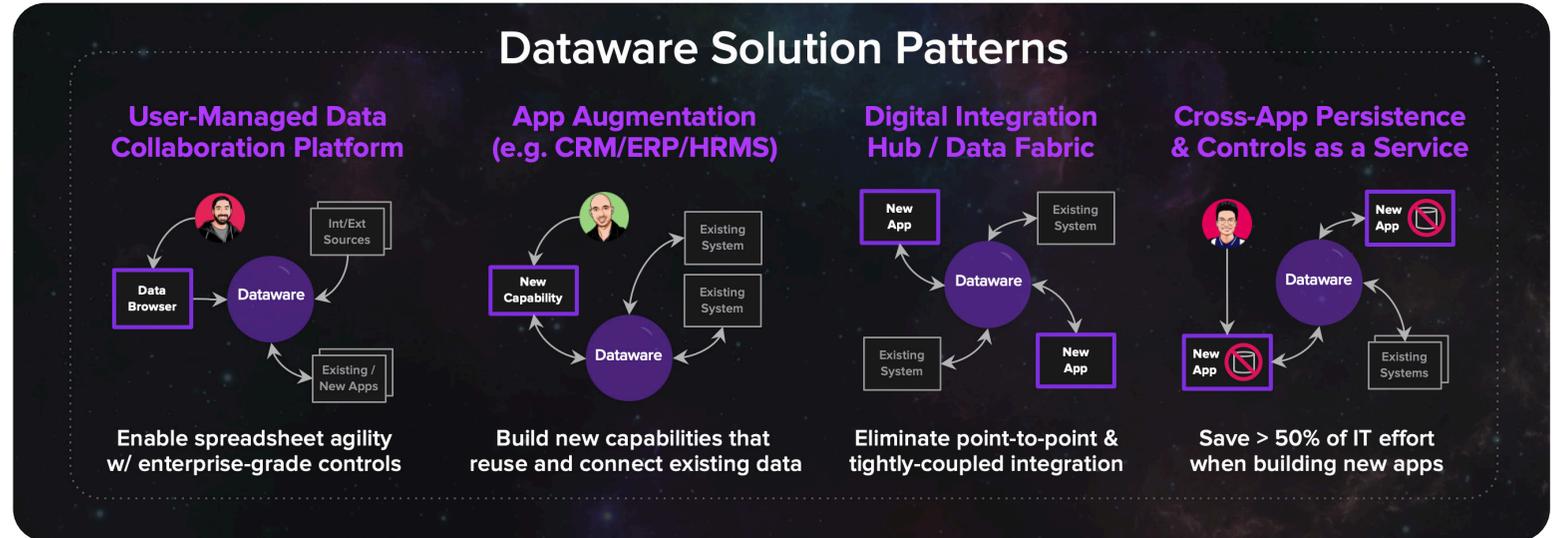


Dataware Architecture

4 Top Use Cases for Dataware

How enterprises use data to solve real-world business problems.

Dataware is different in that it's not a point solution but can be used for many point solutions—and they tend to have common characteristics, hence the emergence of the following solution patterns:



Use Case #1: User-Managed Data Collaboration Platform

What it is

The Digital Integration Hub allows for systems to connect to one hub rather than to one another. Similar to the role of a central power grid for electricity, this hub serves as a central grid for data.

How it works

Dataware allows enterprise-grade control using the browser without limiting users to pre-determined app functionality.

Use Case #2: App Augmentation

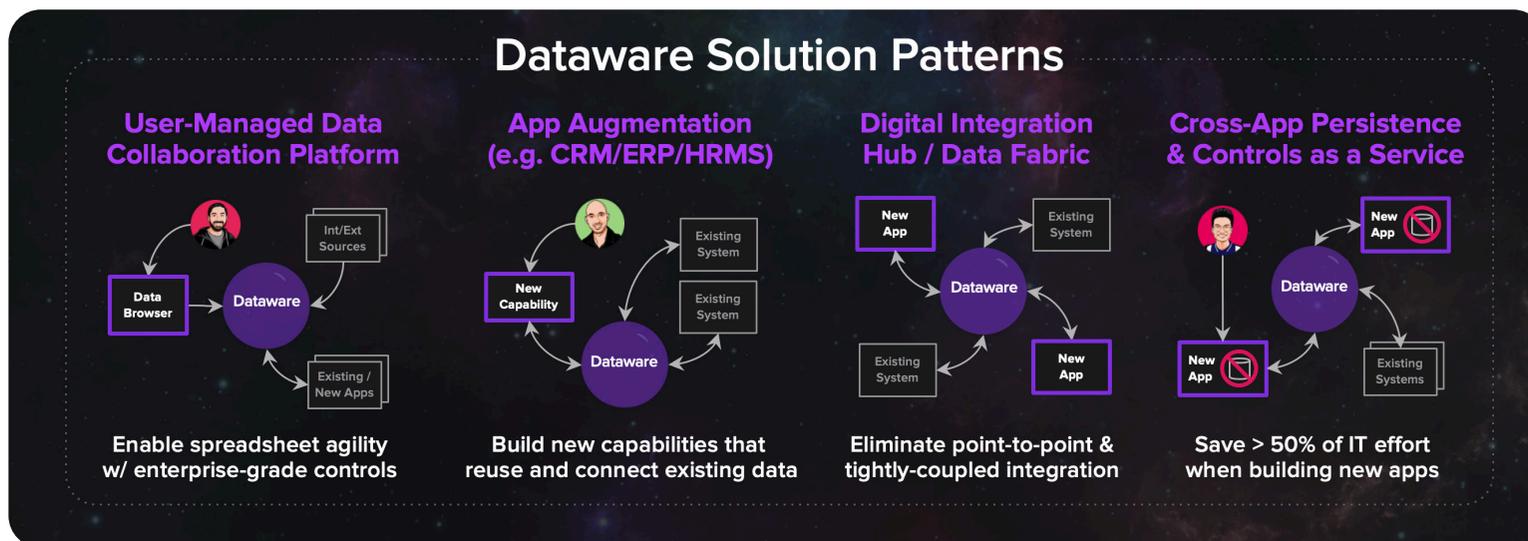
What it is

App Augmentation allows for building a new capability that augments existing functionalities. This use case helps if you have a legacy platform you don't want to risk breaking.

How it works

With app augmentation, you can add or extend functionality by taking data out of it, adding to it, and building a new process around that.

4 Top Use Cases for Dataware, Continued



Use Case #3: Digital Integration Hub/Data Fabric

What it is

The Digital Integration Hub allows for systems to connect to one hub rather than to one another. Similar to the role of a central power grid for electricity, this hub serves as a central grid for data.

How it works

A connection is established from one database to another system. All systems connect to that one hub by reusing the connectivity that already exists.

Use Case #4: Cross-App Persistence and Controls as a Service

What it is

Cross-App Persistence and Controls as a Service allows for the data to be configured instead of coded when a new app is being built.

How it works

One network of information facilitates collaboration of data inside the Dataware environment across all different solutions or apps that exist.

How Dataware Complements Other Data Management Solutions

There's something special about Dataware: It can sit neatly on top of all your other existing data management solutions, systems, and investments. No matter what data structure you currently have, Dataware can supplement it and make it even better. It connects those systems together, enabling you to create experiences in addition to your current capabilities.

You can take your existing data management solution systems and augment it with Dataware, allowing you to put your investments to good use without being limited by their capabilities. **Dataware connects, protects, and extends your existing systems and investments.** It gives you the same benefits as multiple data management solutions and is the convergence of every other data strategy out there:

- It centralizes storage of raw data copies, like data lakes and data lakehouses.
- It has federated domain-based governance and self-serve data management like data mesh.
- It has data quality, cleaning, and mastering like data MDMs.
- It has metadata-driven app development and eliminates point-to-point integration like data fabric.
- It simplifies cross application analytics and AI, like data warehouses, data virtualization, data lakehouses, and data mesh.
- Plus, it does what others don't: it has a single business UI across apps and eliminates high-risk spreadsheets.



“We are creating a one-stop shop for analytics, insight, and reports. As we continue to hook up our digital bank, execute automations, and leverage the work of our Agile teams, we’re gaining momentum—becoming more resilient, adaptable, and ready for change.”

CAMMY OUELLETTE,
Senior Director of Analytics
for Concentra Bank

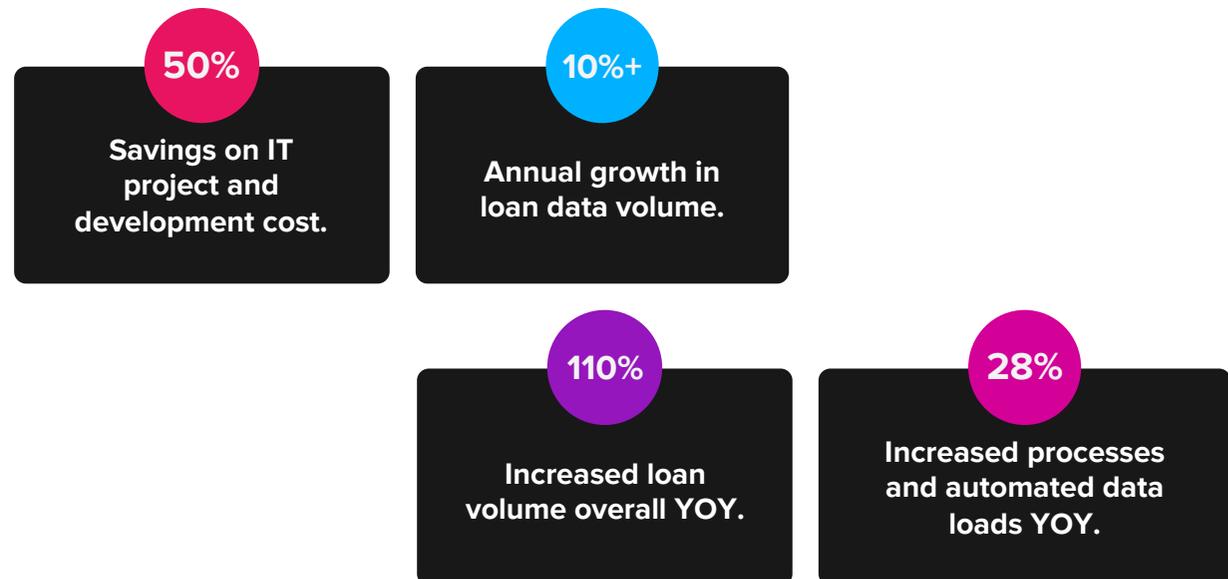
Transforming with a Data-Centric Approach

How Dataware is helping Concentra build a digital-first bank.

Concentra is a bank serving more than five million Canadians through a large network of credit unions. The efficiency of its loan process is an important part of providing a quality customer experience; yet complex, data-rich reports used to take several days to compile.

Cinchy’s Dataware technology enabled Concentra to develop a new process for creating loan reports quickly. From there, Concentra rolled out this automated approach to other parts of its business. They moved away from manual reporting and used Dataware to automate their business, risk, and compliance monitoring and reporting.

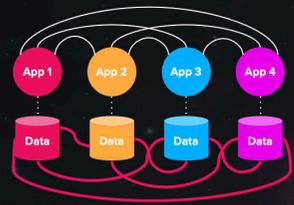
Dataware’s data-centric approach helped Concentra reduce the burden of IT integration, created a faster path to intelligence, allowed rapid development of solutions, and democratized data across the organization. Today, data for more than \$520 million in loans is efficiently managed on the Dataware platform.



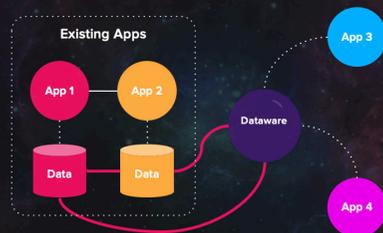
[READ THE FULL CONCENTRA BANK CASE STUDY»](#)

Embrace Data Centricity with Cinchy's Dataware Platform

Get Started with Low Risk and High Return



Before The Revolution



Starting Your Revolution



After The Revolution

Cinchy's Dataware Platform can help you modernize your stack, reduce technical debt, and create new business insights. When your data management structure is data-centric, your business can improve your IT capacity and leverage increased privacy protections, faster build times, and remarkable business agility. Begin your digital transformation to data centricity with Cinchy's Dataware Platform.

Find out how today with a customized demo.

[SEE CINCHY IN ACTION](#)