What's New

Delphix February 2024 Product Updates

Product Offerings

Connectors

Application

Application

Database

Database

Add-ons

Replication
(Active / Passive)

Hyperscale Compliance

Continuous Vault

Base products

Continuous Data
(Virtualization)

Continuous Compliance
(Masking)

Data Control Tower

**DevOps
Data Platform**
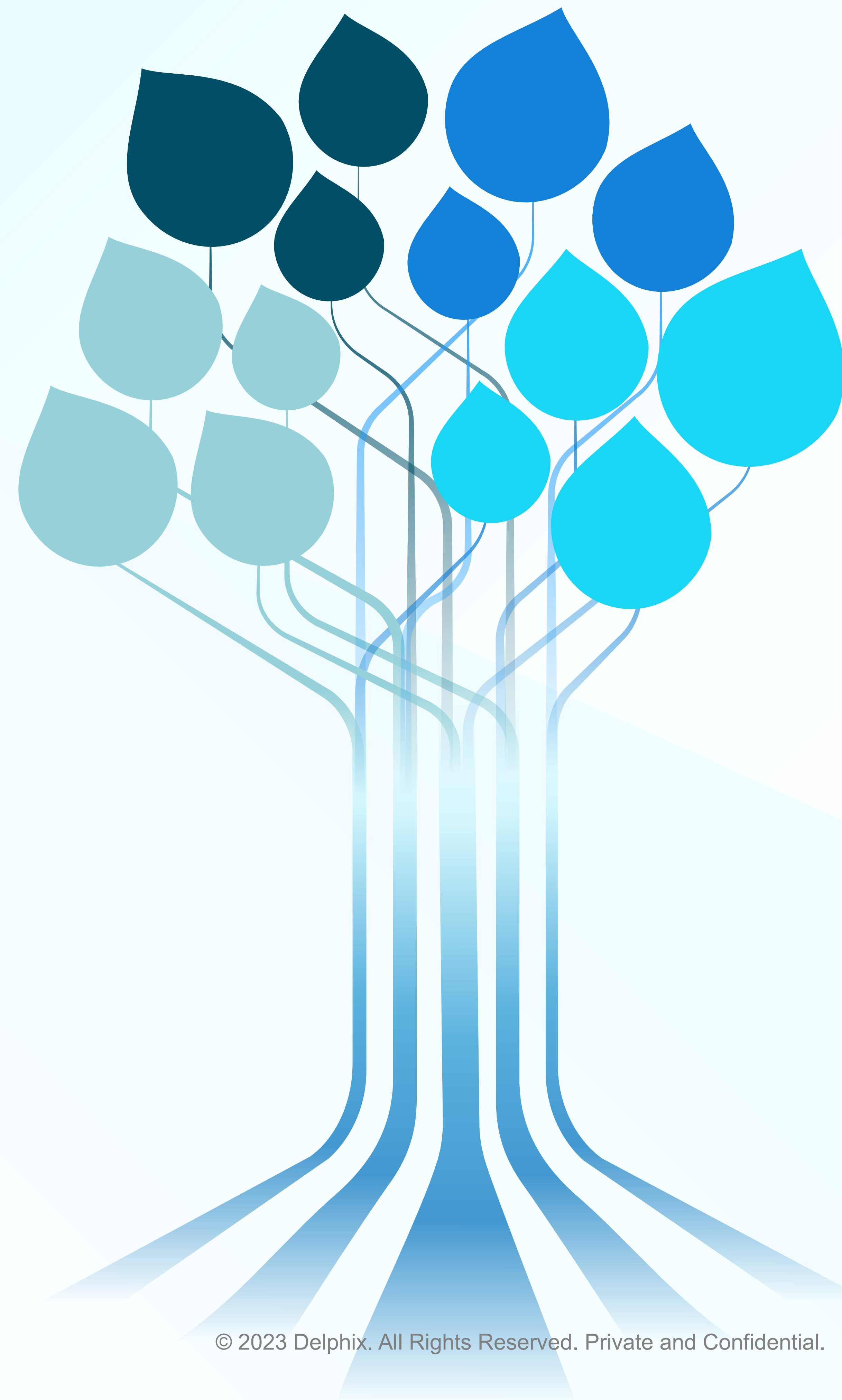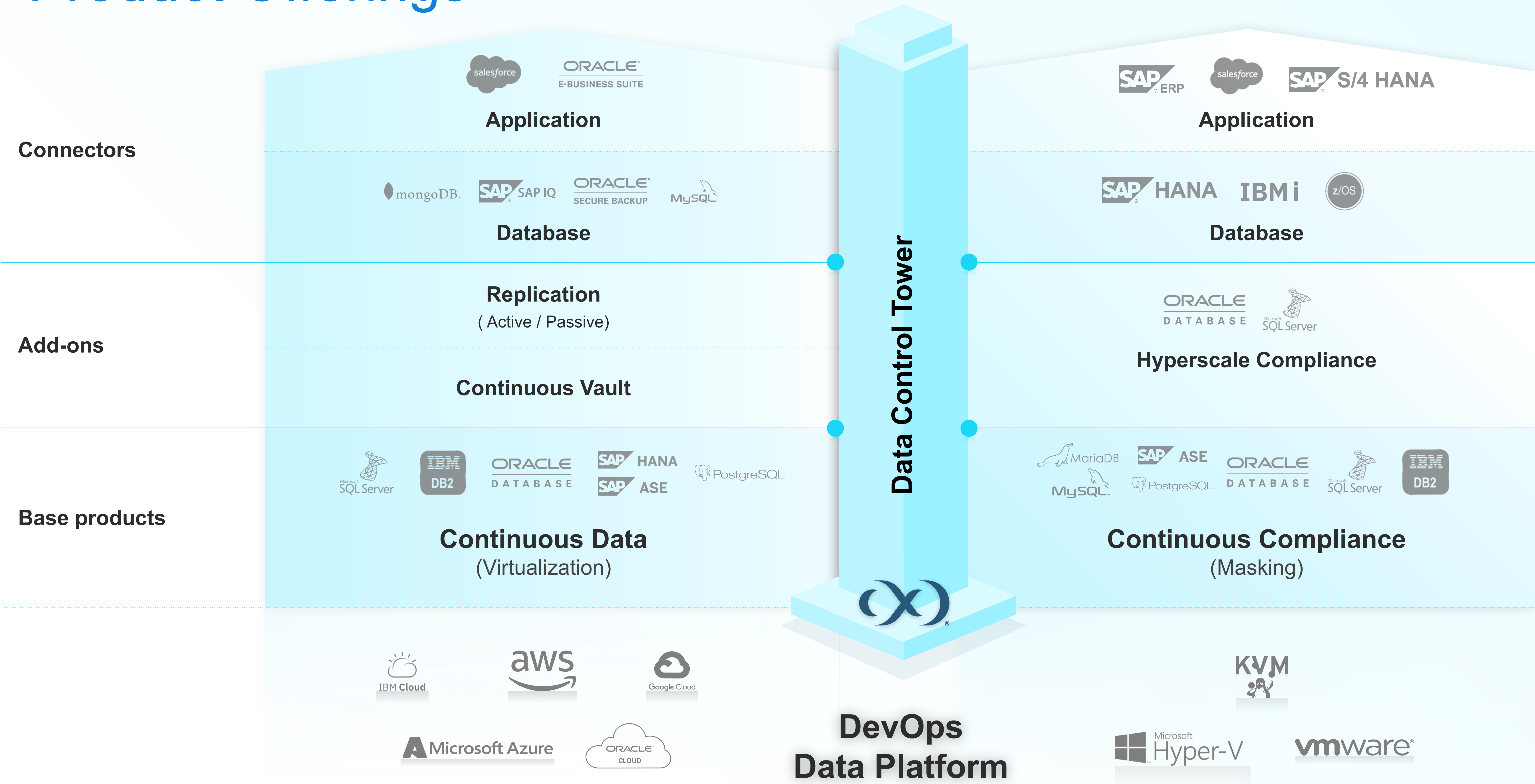
Data Control Tower

Single Point of Control for Multicloud Data Governance, Compliance, and Automation at Scale

Data Governance
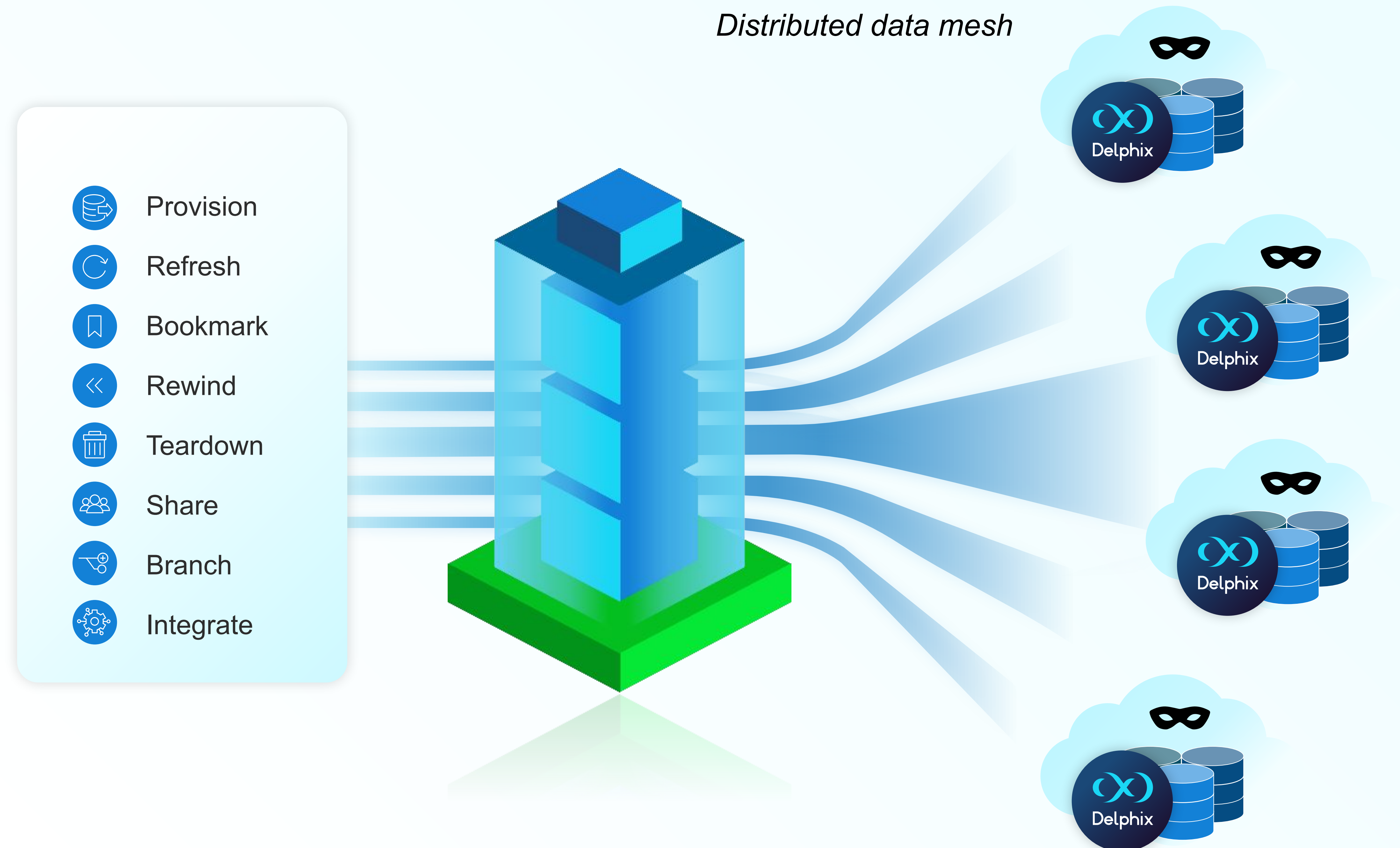Data library with catalog, tagging, and attribute-based access controls

Data Compliance
Global sensitive data visibility and central masking orchestration

Data Automation
Self-service developer experience with pre-built DevOps integrations to automate test data within CI/CD pipelines

Distributed data mesh

- Provision
- Refresh
- Bookmark
- Rewind
- Teardown
- Share
- Branch
- Integrate

February Feature Highlights

- Continuous Compliance now supports **masking files in S3 object storage.**

- Automated Sensitive Data Discovery **now extends to JSON and delimited files**

- There is now a **quick start template for masking Snowflake data**

December '23 Updates

Data Control Tower (DCT)
- Kubernetes (K8s) Driver: To expand our Kubernetes Driver's capability, we now support AWS Elastic Kubernetes Service (EKS), introduced DCT API Usage monitoring, and fixed various issues to ease adoption.

Continuous Compliance
- New String Chaining Framework: A new framework, StringAlgorithmChain, has been added to simplify the process of creating chained algorithms. This works specifically with String-type algorithms and allows for the creation of output based on the combination of those algorithms.
- Expanded Classifiers: Automated Sensitive Data Discovery has been expanded to add data discovery for medical codes (CPT, ICD-9, ICD-10), IBAN numbers, swift codes, and bank account routing numbers. Further, we've updated the "payment amount" classifier and added a type classifier for license plates.
- Expanded Algorithms: New masking algorithms have been added for swift codes and bank account routing numbers.
- SAP Accelerator: Certified SAP HANA SPS 07, removed the `engine` command to simplify configuration, and improved error messaging to ease troubleshooting.

Continuous Data
- Decreased VDB Downtime: There are two types of upgrades for Continuous Data: full upgrades, where VDB downtime is incurred during a system reboot, and deferred updates, where there is no system reboot and, therefore, no downtime.
- Object Storage Modification: Key rotation, endpoint URL, regions, and authentication types may now be modified for existing connected object storage through the API and CLI.
- NFS Encryption: We have extended support for Repave and Oracle RAC configurations with NFS encryption.
- IBM Db2 HealthChecker: The HealthChecker can now validate staging and target environment configuration to simplify implementation. This joins existing support for Oracle E-Business Suite (EBS).
- PostgreSQL: Provided WAL Logs will no longer automatically roll forward a dSource. This action will only occur when a dSource snapshot is taken to eliminate unknown changes.
- SAP HANA: Certified SAP HANA SPS 06 and 07.

Compliance Services for Salesforce
- Custom Batch Size: Salesforce masking jobs now offer a custom batch size as an optional parameter. When unselected, we will automatically calculate the batch size. Custom batch size enables the masking of tables whose updates cause row locks and facilitate granular performance tuning.

Compliance Services for Azure
- Private Link for ASDD: Private Link is now supported for ASDD pipelines (in addition to masking pipelines). This lets you ensure that data sent to DCS for profiling only moves within your virtual private network and never traverses the public internet.

Hyperscale Compliance
- Parquet Support: Hyperscale compliance now supports masking Parquet files. Note that the Hyperscale Orchestrator must be sized correctly to handle Parquet files.

January '24 Updates

Data Control Tower (DCT)

- Expanded Source Linking: Over the past few years, we have introduced Staging Push to allow users to bring their data to Continuous Data. The DCT UI now supports linking for Oracle and SQL Server using Staging Push. Further, we've expanded standard linking to SAP ASE, PostgreSQL, Db2, MySQL, HANA, and MongoDB.
- Hyperscale Compliance UI Enhancements: Several improvements have been added, including enabling the management of Continuous Compliance Engine assignments for Hyperscale Jobs.
- DCT Toolkit Enhancements: Based on customer feedback, several improvements have been made to our fully supported CLI for DCT. Notably, dct-toolkit allows users to provide engine names as values for 'id' options.
- Improved Replication Visibility: Replication is used for data movement, disaster recovery protection, Sensitive Data Distribution, and more, which requires setting up relationships between Continuous Data Engines. To provide better visibility on these relationships, we have added them to Data Control Tower. To further simplify this user experience, the target Continuous Data Engine and dataset are now linked together.
- Algorithm Centralization: We plan to centralize orchestration and control in Data Control Tower. To enable better visibility into compliance, masking algorithms across all connected Continuous Compliance Engines can now be centrally viewed in DCT.
- Engine Performance Trendlines: Historical trendlines have been added to the recently introduced engine performance reports.

Continuous Compliance

- Character Replacement Algorithm Framework: This framework allows for creating rules to replace specific characters in a string with other characters. For example, you can use this framework to remove inconsistent punctuation in data to maintain referential integrity across data sources.
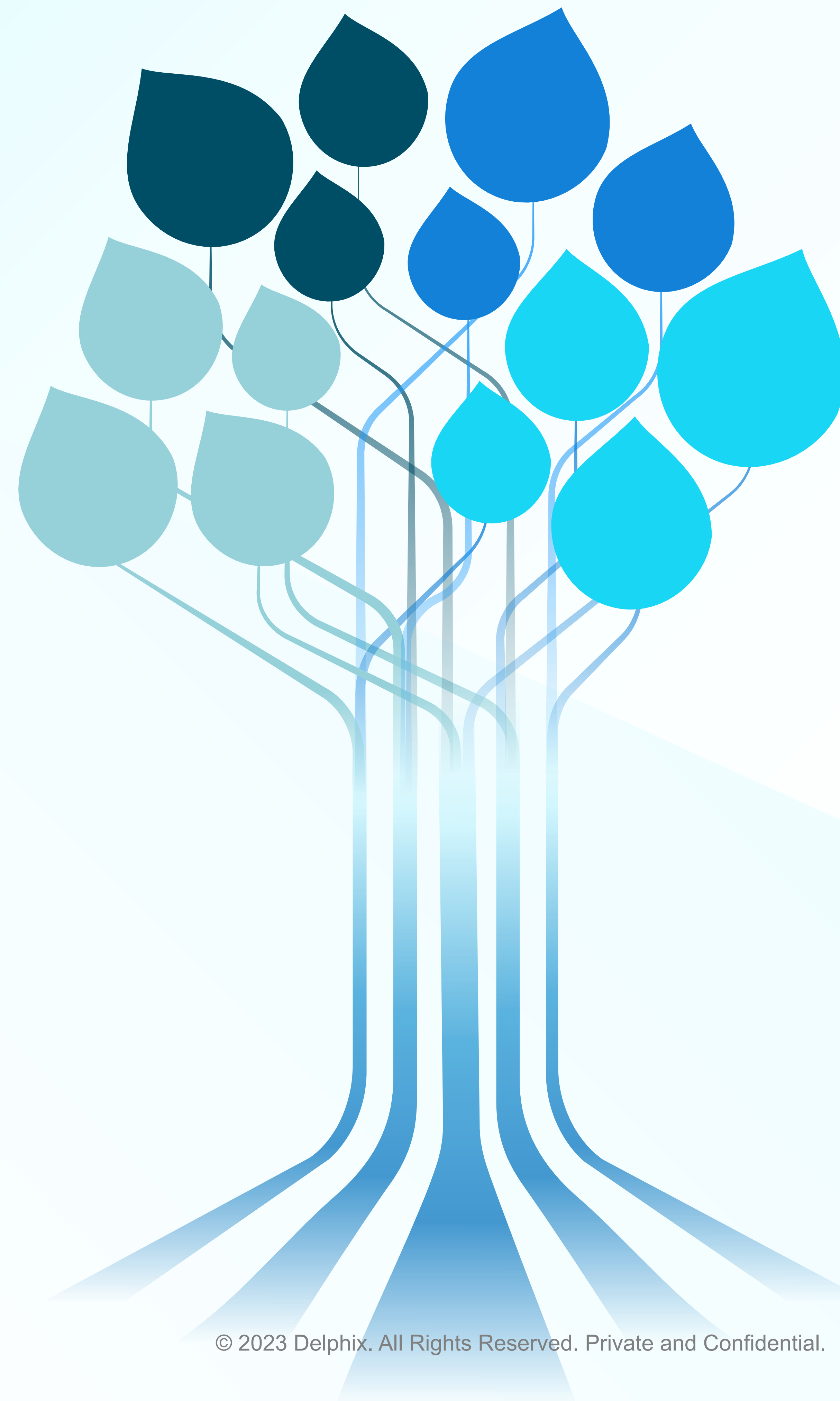
Continuous Data

- Documentation Updates: We have made broad improvements across multiple areas of our documentation, including the Delphix Glossary, Datasets' Getting Started, and PostgreSQL.
- UI for Object Storage Connectivity Modification: We have implemented several enhancements to simplify the modification of object storage configuration. Specifically, the following can be modified: key rotation for security (key-based authentication), endpoint URL, region, and the ability to change between key-based and profile-based authentication.
- Improved Elastic Data Migration: Leveraging Elastic Data with Continuous Data provides significant cost savings by leveraging object storage and block storage. We have decreased the time to execute migrating an engine from a standard Continuous Data Engine to an Elastic Data Engine without the need for replication.
- TDE support for Hardware Security Module (HSM) solutions: Managing Oracle TDE (Transparent Data Encryption) across multiple Oracle environments can be challenging. TDE management solutions have been introduced to solve this challenge and are growing in popularity. Delphix can now connect to and leverage tools like OKV and CypherTrust to perform all operations within TDE environments managed by any of these tools.
- SAP HANA: HANA SPS 06 and SPS 07 are now supported on the SUSE Operating Systems.
- MongoDB: MongoDB is now supported on the RHEL 9.0 Operating System.

Compliance Services for Salesforce

- Sorted Masking: Presorting tables helps to prevent row locking when dealing with large data volumes.
- Independent Metadata Management: Provides the option to disable and re-enable metadata outside of a masking job. This can improve performance as metadata can now be disabled once before masking starts and re-enabled only once after all masking jobs are complete.

February 2024
Updates

Continuous Compliance

- **Automated Sensitive Data Discovery for JSON and Delimited Files:** Automated Sensitive Data Discovery was introduced last year, bringing a much more complete set of sensitive data identification to structured data. This has now been expanded to operate against JSON and delimited files.

- **File Masking in S3 Buckets:** Increasingly, organizations store sensitive application data in object storage buckets. To ensure these buckets can be masked alongside other application data, connecting directly to S3 buckets and masking supported file types is now available.

- **User Experience:** The Environments Add and Edit Ruleset pages have been updated.

Continuous Data

- **Customizable Local Listeners for Oracle MT RAC VDBs:** Database administrators must configure database listener parameters for multiple reasons, notably security, performance optimization, and resource management. We now support customizing local listeners when provisioning a VDB in an Oracle RAC environment. In addition, this allows you to provision a VPDB into a new VCDB in a non-RAC or RAC environment, update local listeners for a VDB in a RAC environment, and update local listeners for a VCDB in a non-RAC or RAC environment.

- **Support Delphix Operations for Oracle RAC VDBs/VPDBs During Downtime:** Oracle RAC is used for production databases to ensure their availability 24/7. To comply with business continuity guidelines, we now support the following VDB/VPDB operations when one or more hosts of the Oracle RAC clusters are down: Provisioning, enable/disable, refresh, start/stop, and rollback. This enhancement includes VDBs/VPDBs in VCDBs and Linked CDBs.

- **Staging Push Online DB Mode for SQL Server:** We now support database online mode for Staging Push dSources for SQL Server, keeping the source database open for transactions, as needed. Before this enhancement, Staging Push source databases were required to be only in restoring mode. This enhancement is supported for SQL Server deployed on-premises and in the cloud (for self-managed databases and SQL PaaS environments).

- **IBM Db2:** RHEL v9.2 is now supported for IBM Db2 v11.5, including IBM Db2 v11.5.9.

- **MySQL:** Added Staging Push support for AWS RDS and AWS RDS Aurora MySQL. Certified Amazon Linux 2 as staging and target host environments.

- **Oracle E-Business Suite (EBS):** Oracle EBS's DB Tech Stack on IBM AIX v7.2 is now supported. The EBS App Tier is not supported on IBM AIX v7.2.

- **SAP HANA:** HANA SPS 06 and SPS 07 are now supported on the SUSE Operating Systems.

- **Expanded RedHat Support:** RHEL 9.0 and 9.3 are now supported for Oracle 19c. RHEL 9.3 is supported with vFiles.

- **Documentation Updates:** We have continued to make broad improvements across multiple areas of our documentation, including Couchbase, IBM Db2, MongoDB, and MySQL.

Compliance Services for Salesforce

- **Dynamic Batch Sizing:** We now optimize the masking batch size depending on the contents of each to-be-masked payload. This is designed to optimize performance and reduce Salesforce API consumption.

Compliance Services for Azure

- **Quick-Start Templates:** In the fall, we launched the capability to manage metadata as parameters and rapidly deploy masking across thousands of tables in a single Azure Data Factory (ADF) pipeline. To facilitate the fastest deployment for common data sources, we're releasing parameterized templates for Snowflake and Databricks.

February Product Version Releases

Product/Connector	Version	Release Date
Hyperscale Compliance	v17	February 5, 2024
Oracle E-Business Suite (EBS) Connector	v4.5.0	February 8, 2024
Continuous Data	v20	February 21, 2024
Continuous Compliance	v20	February 21, 2024
Data Control Tower	v14	February 21, 2024
PostgreSQL Connector	v4.2.2	February 23, 2024

Delphix Product Updates Blog - released monthly

Product Updates

Delphix Platform June 2023

PLATFORM JUN 29, 2023

Delphix Platform June 2023 Product Updates

The June 2023 updates to the Delphix platform include a new Software-as-a-Service offering for Microsoft Azure, an enhanced search interface and operations dashboard in Data Control Tower, and more.

Read more →

Product Updates

Delphix Platform May 2023

PLATFORM MAY 30, 2023

Delphix Platform May 2023 Product Updates

The Delphix Platform's top new functionalities include Eexpanded data discovery, Oracle table space subsetting, and improved Data Control Tower developer experience.

Read more →

Data Privacy and Protection

PLATFORM MAY 11, 2023

5 Takeaways from Data Company Summit Miami 2023

Featuring luminary speakers from companies across many industries, Delphix's Data Company Summit 2023 was a great opportunity for IT leaders to learn how to unleash continuous innovation and compliance.

Read more →

Delphix | servicenow

PLATFORM APR 27, 2023

Introducing the Delphix Spoke for ServiceNow

The Delphix Spoke for ServiceNow provides out-of-the-box, automated workflows and actions, as well as a self-service catalog to enable application teams to manage their test data environments.

Read more →

Delphix | DATASTAX

PLATFORM FEB 13, 2023

Delphix and DataStax Automate Cassandra Data for CI/CD Pipelines and Application Migration

Find out how Delphix and DataStax automates Cassandra data provisioning for DevOps and Analytics

Read more →

Delphix for Microsoft Intelligent Data Platform

PLATFORM OCT 11, 2022

Delphix Launches New Compliance Service Integrated with Microsoft Intelligent Data Platform

Using Delphix in conjunction with Microsoft Intelligent Data Platform makes the delivery of on-demand, compliant data easy for all stakeholders

Read more →

[Delphix Platform Product Updates](#)