....Delivering Value, Innovation, Reforming Treasury Global Markets Ecosystems....

Data Vault

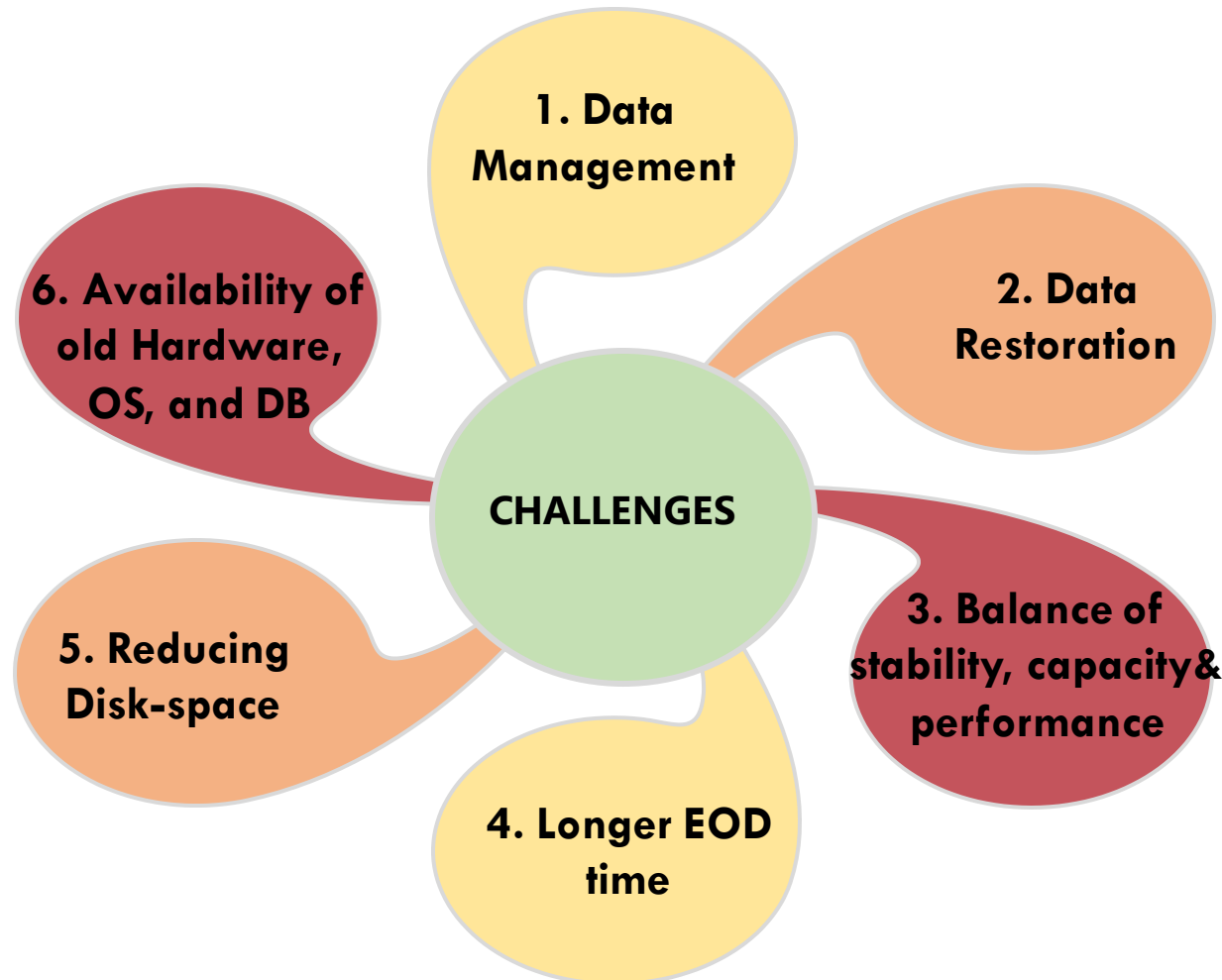## *Data Warehouse and Reporting Solution*

A Fintech Software development solution

The Challenge

Today, enterprises face crucial challenges due to complex Database management processes, global operations, historical data retrieval, and a highly mobile workforce. A rapidly scalable application is essential to control the limiting factors faced by the Financial institutions to operate at scale with agility.

CHALLENGES

1. Data Management

2. Data Restoration

3. Balance of stability, capacity& performance

4. Longer EOD time

5. Reducing Disk-space

6. Availability of old Hardware, OS, and DB

To beat these challenges, FinSurge deliver business-enabling solutions that are quick to deploy across core financial processes. With FinSurge's solution, enterprises can experience benefits such as **business agility, easy and faster access to Next-generation technologies, lower operational costs, and greater process efficiencies**.

FINSURGE
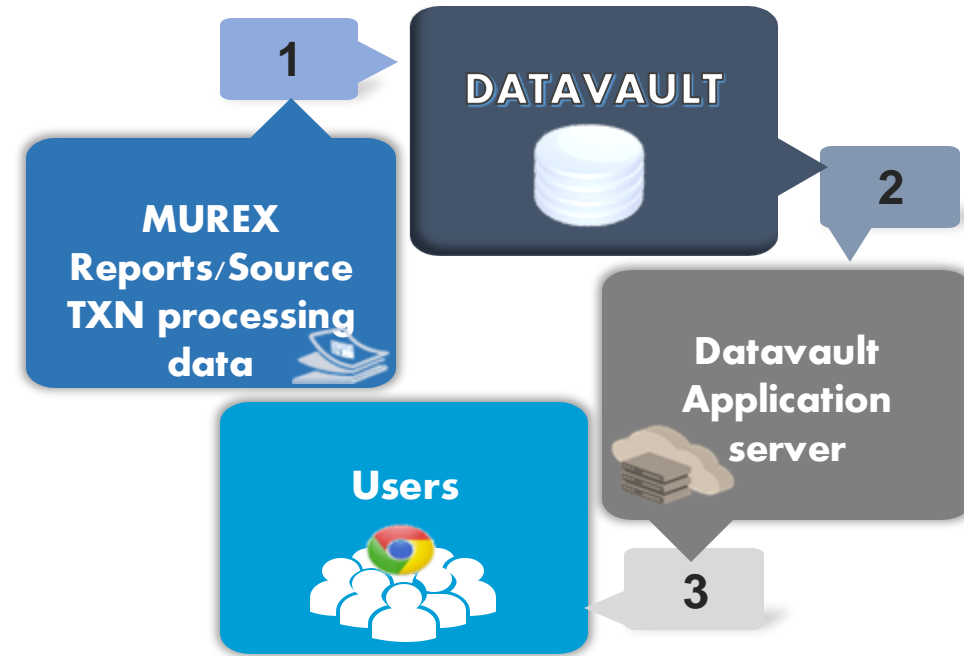SURGE AHEAD

The Solution: Datavault

FinSurge's **Data Vault** is

- Future-ready and rapidly scalable application.

- Built for Murex to maintain all the historical transactions details, P&L, audit, accounting, market data, events data retrievals.

- Complied with MiFID II & FCA electronic record-keeping regulations.

- Helpful for users to design and schedule their reports with its BI tool.

ETL Data Services	Audit	Scheduler & Email
Custom Reports	Report Designer	Interactive Data Layer

Key Components

- Supportive to **store and retrieve customer account information, transaction data, and confidential information** available with banks.

- It enables storage and auditing of historical information and allows parallel loading for Murex.

- Any changes made in the application concerning reports, groups, or user accounts, can be viewed with the help of the **Audit trail**.

- Datavault's systematic framework and components reduce the Murex system's downtime and recovery time.

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key Functions

STEP 1

Stores Purged Murex Transactions and their P&L, Risk, Cash flows, Payments, Audit, etc.

STEP 3

Serves as a source for Market Data, Customers, Bonds, Ratings, & Holidays

STEP 2

Handles daily Accounting - Sub-ledger and VaR Historizations systematically

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Why Data Vault

Stores the historical data
Ensures real-time historical data availability
Data and Reports are available online
High-level data accessibility
Seamless Process and Minimal maintenance
Reduces 60% Fin & 70% VaR DB space
Reduces overall disk space
Improves Murex performance and stability
Adopt changes in Hardware and Software

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