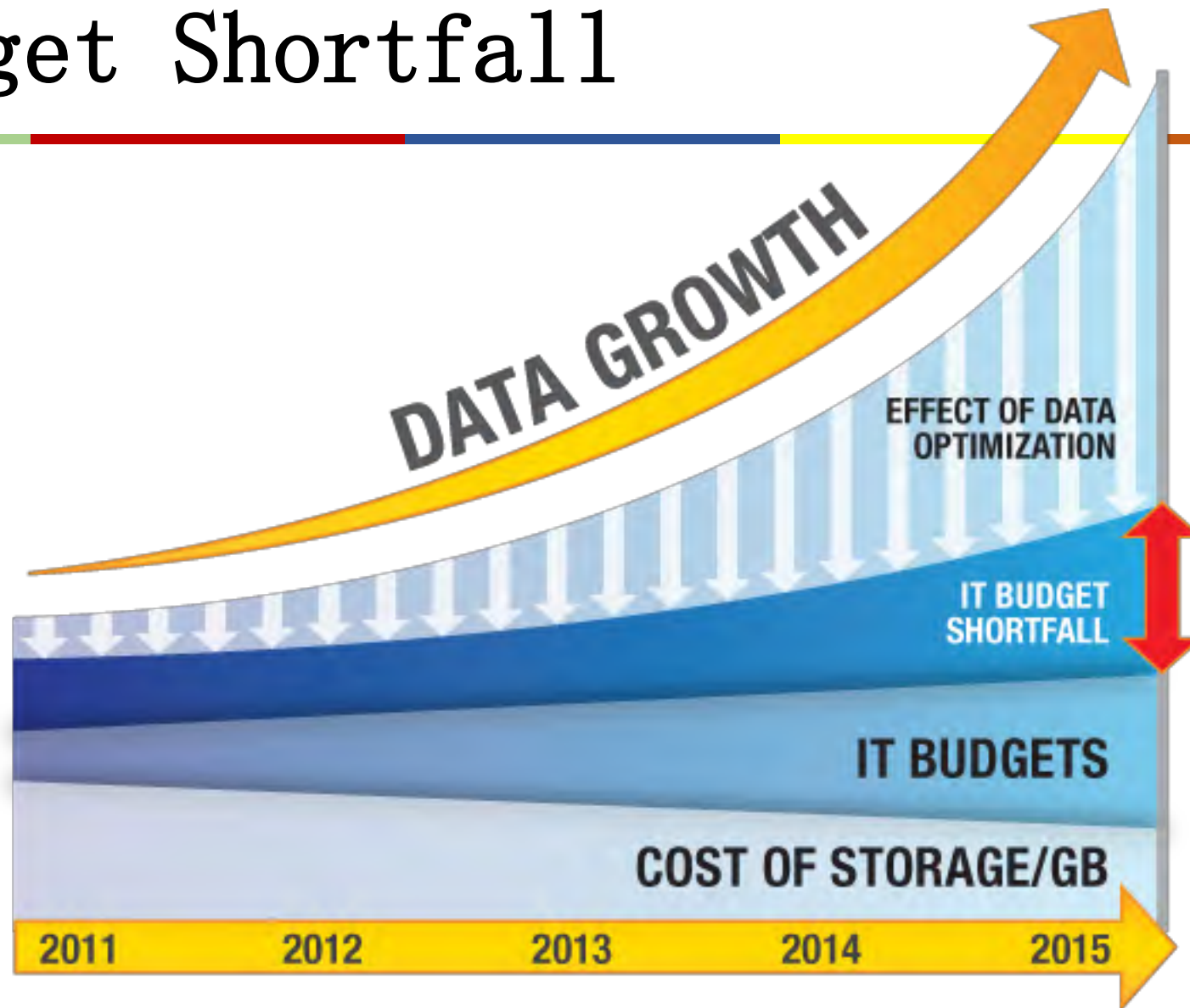




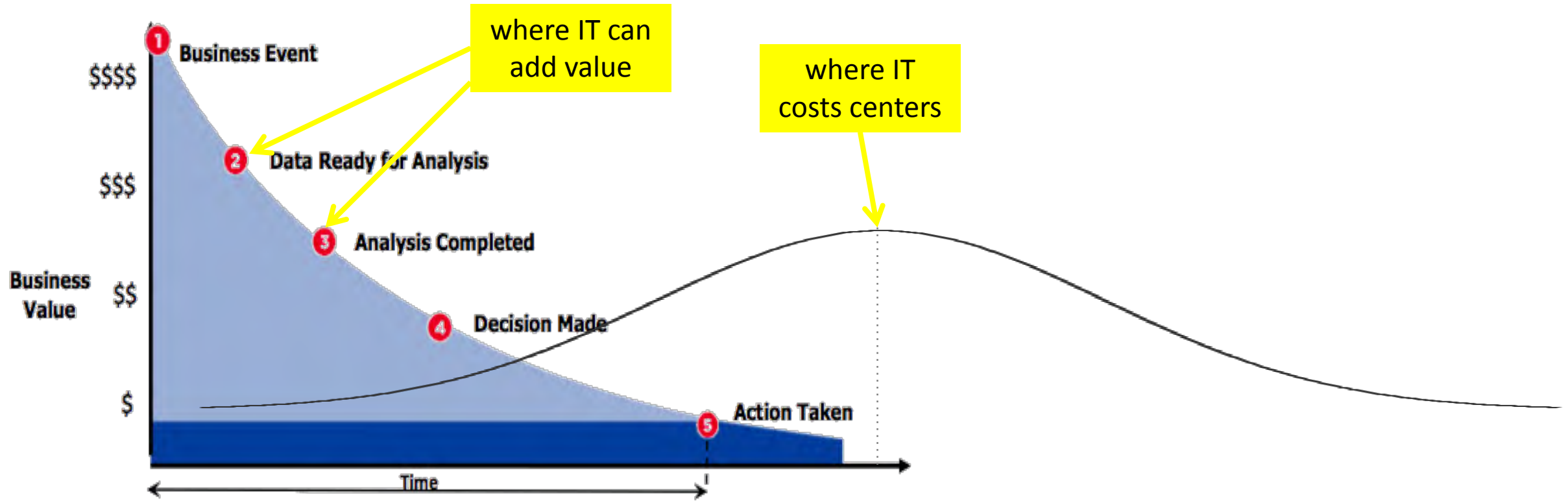
Data Agility for Cloud & Big Data

BDTC 2016

# IT Budget Shortfall



# Misalignment of Bulk Processing



# Consequential Pain Points

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## **A Leading Insurance Group**

🚩 Goal: bi-hourly data refresh for big data analytics

🚩 Pain points: real-time replication based solution costs US\$48M and still lacks data consistency.

## **Alpha and Omega Semiconductor**

🚩 Goal: migration of production support environment in VMware

🚩 Pain points: daily data refresh into VMware took 9 hours!

## **Huawei**

🚩 Goal: Rapid fire app release in response to market changes

🚩 Pain points: database provisioning took 10 days!!!



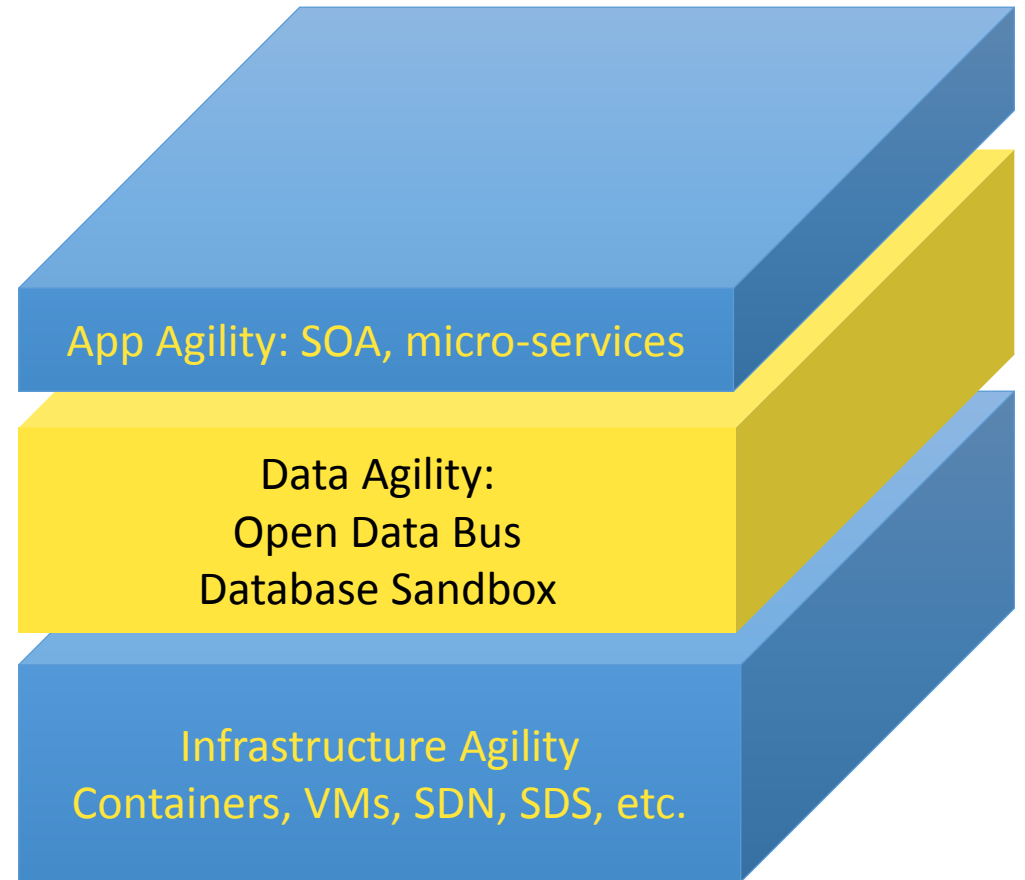
# The Solution: D-Uni Data Agility Tier

## Core services:

- Open Data Bus: near real-time data delivery;
- Database Sandbox: light weight database containers

## System Characteristics:

- Open architecture
- Assured data consistency
- Snappy database provisioning
- Scalability
- Stability
- Manageability
- Vendor integration & certification



# Real World Results

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## A Leading Insurance Group

- ✚ Pain points: real-time replication based solution costs US\$48M and still lacks data consistency.
- ✚ Results:
  - ✚ Costs: US\$6M
  - ✚ Data consistency: consistency across all 30 databases;
  - ✚ In pilot use

## Alpha and Omega Semiconductor

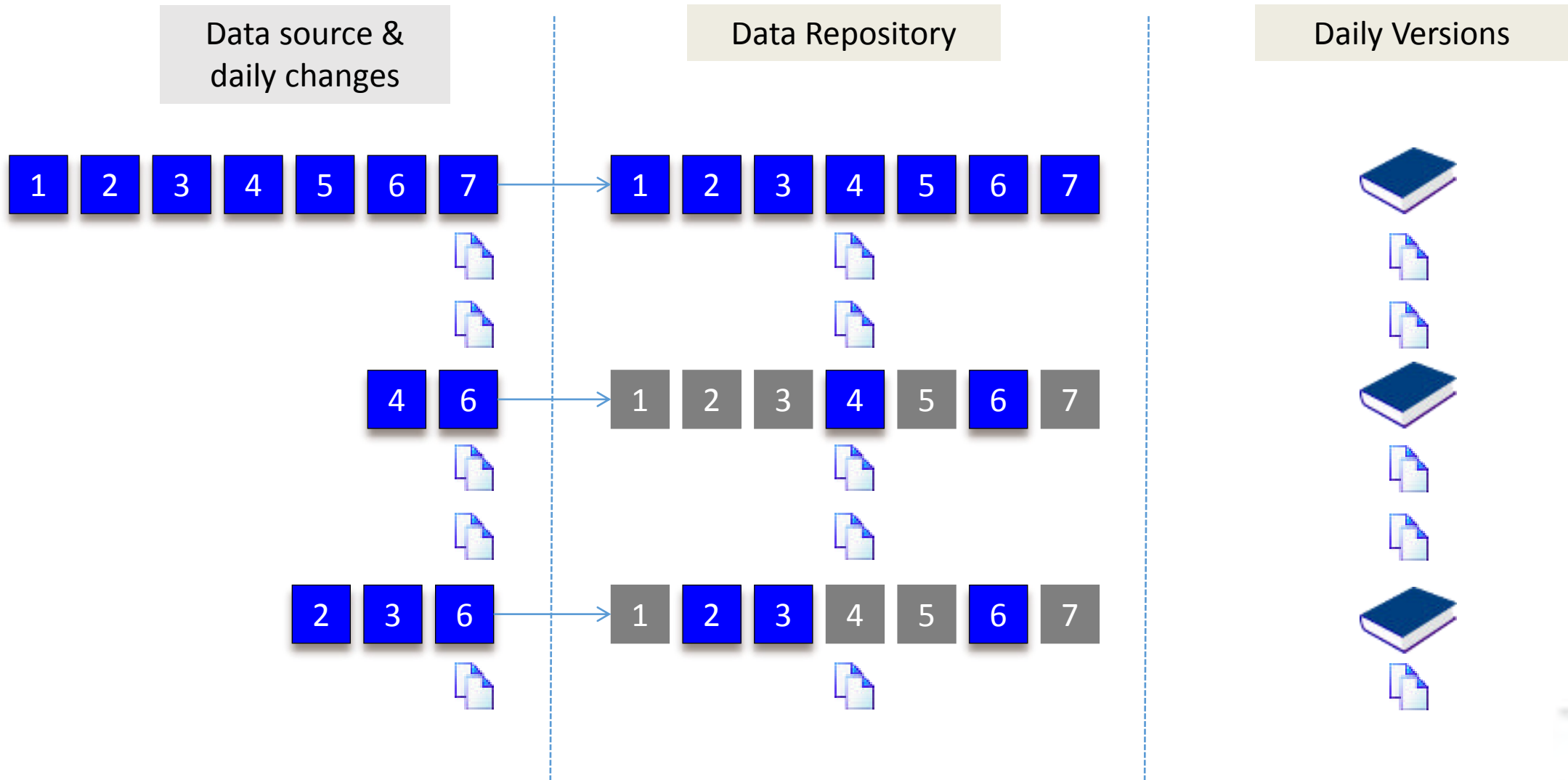
- ✚ Pain points: daily data refresh into VMware took 9 hours!
- ✚ Results:
  - ✚ Daily refresh: 15 minutes
  - ✚ Database provisioning: 15 seconds
  - ✚ In production since 3/2015
  - ✚ Undergoing upgrade

## Huawei

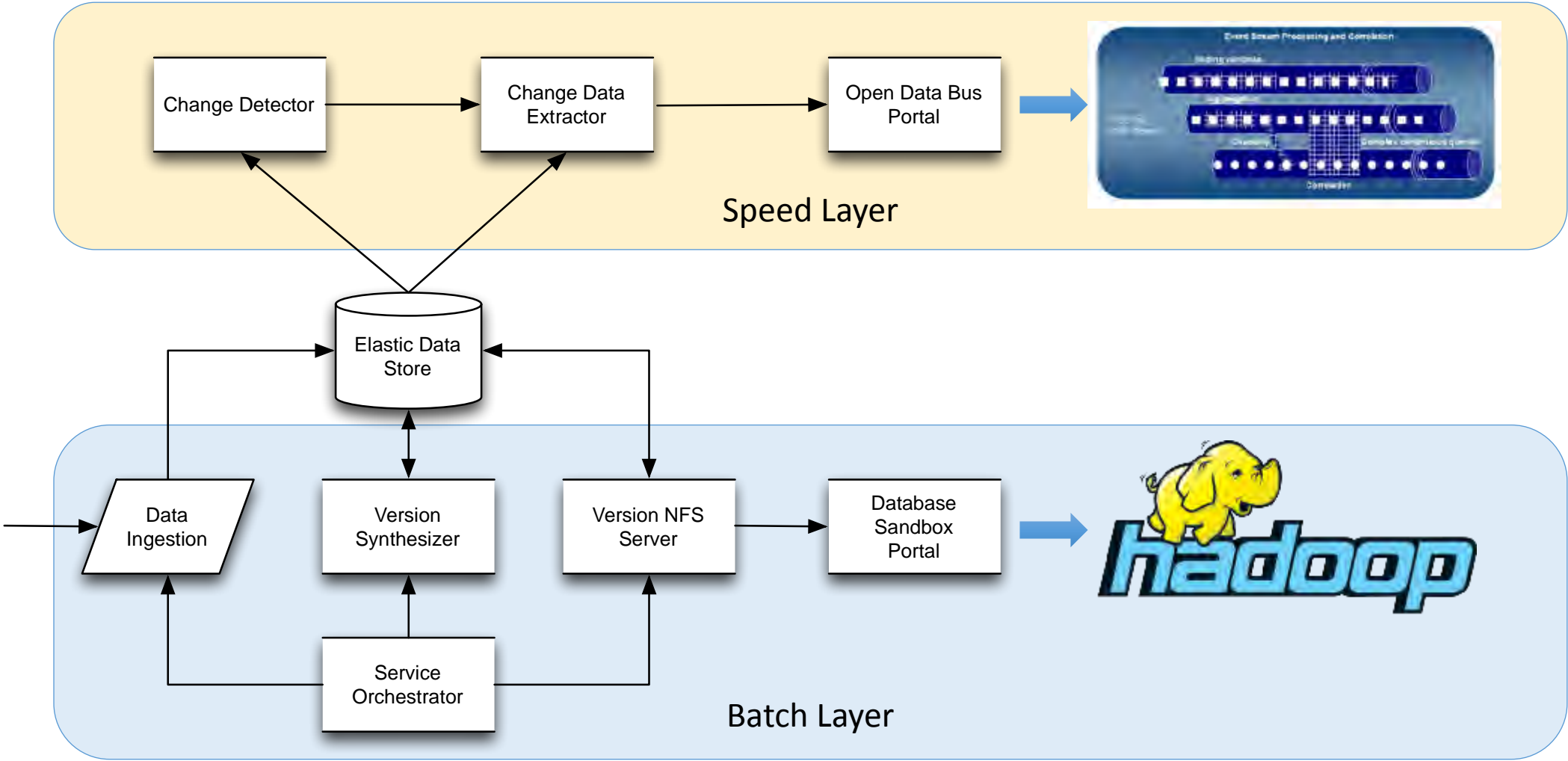
- ✚ Pain points: database provisioning took 10 days!!!
- ✚ Results:
  - ✚ Data provisioning: 5 minutes for single node/10 minutes for 3-node RAC
  - ✚ Resource efficiency: 4x30TB databases under heavy load on 5TB storage space



# Secret Sauce: Delta, Version, Timeflow

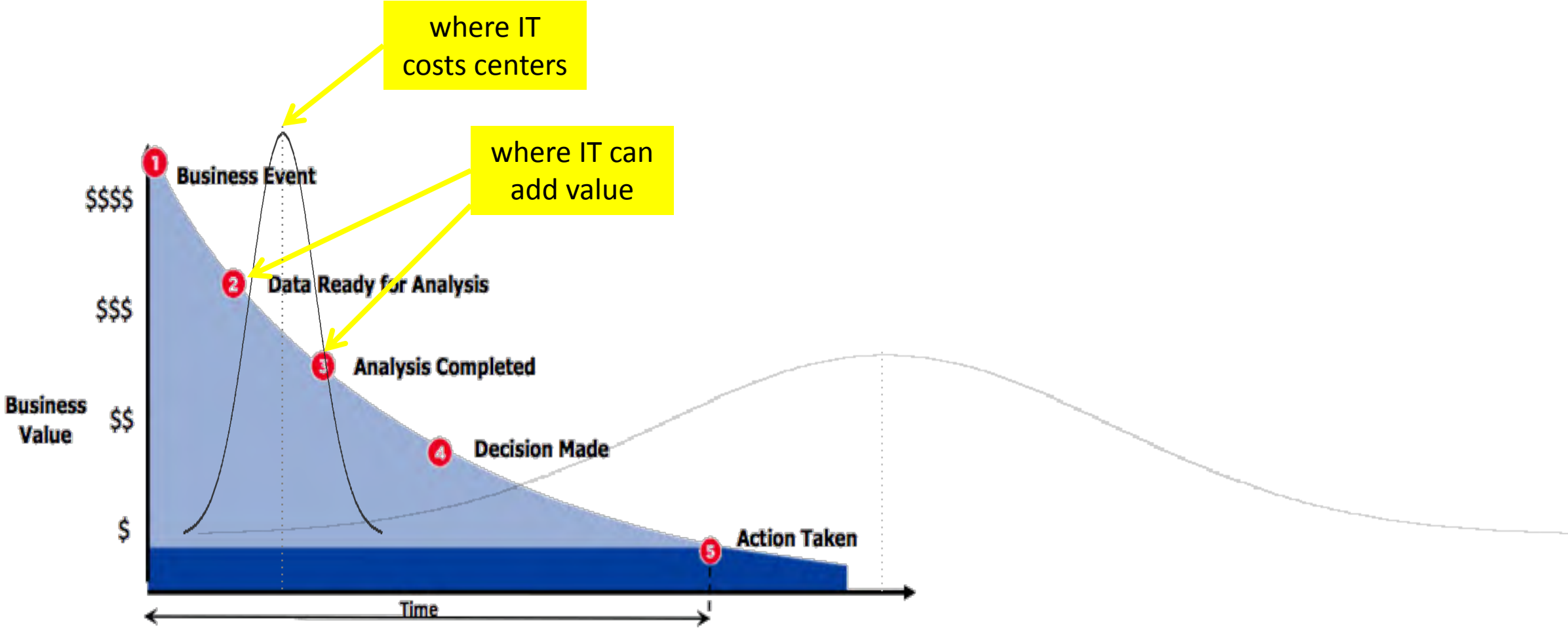


# Lambda Architecture of Data Agility

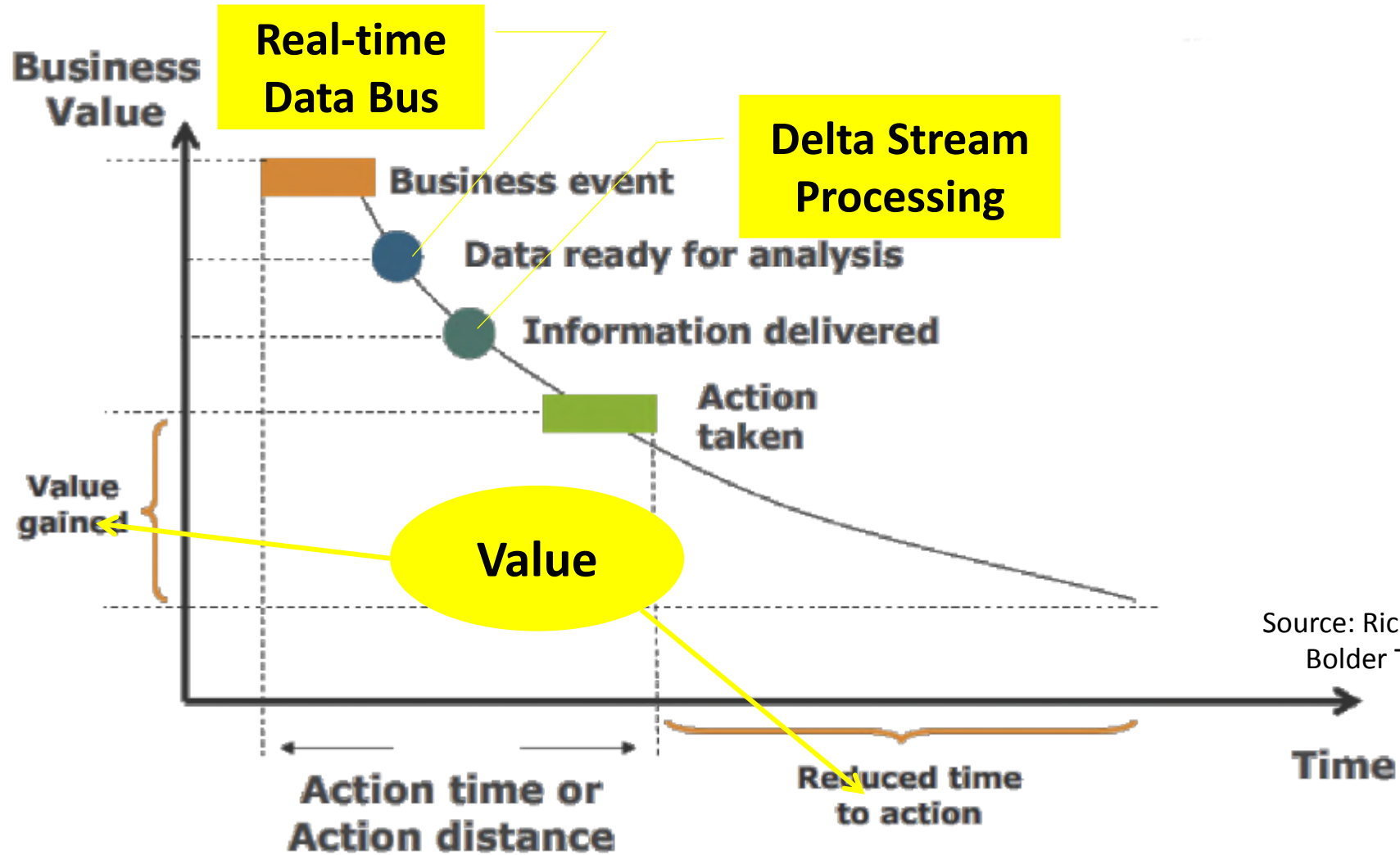




# Realignment w/ Lambda Architecture



# Value: Accelerated Decision Cycle



Source: Richard Hackathorn,  
Bolder Technologies, Inc.



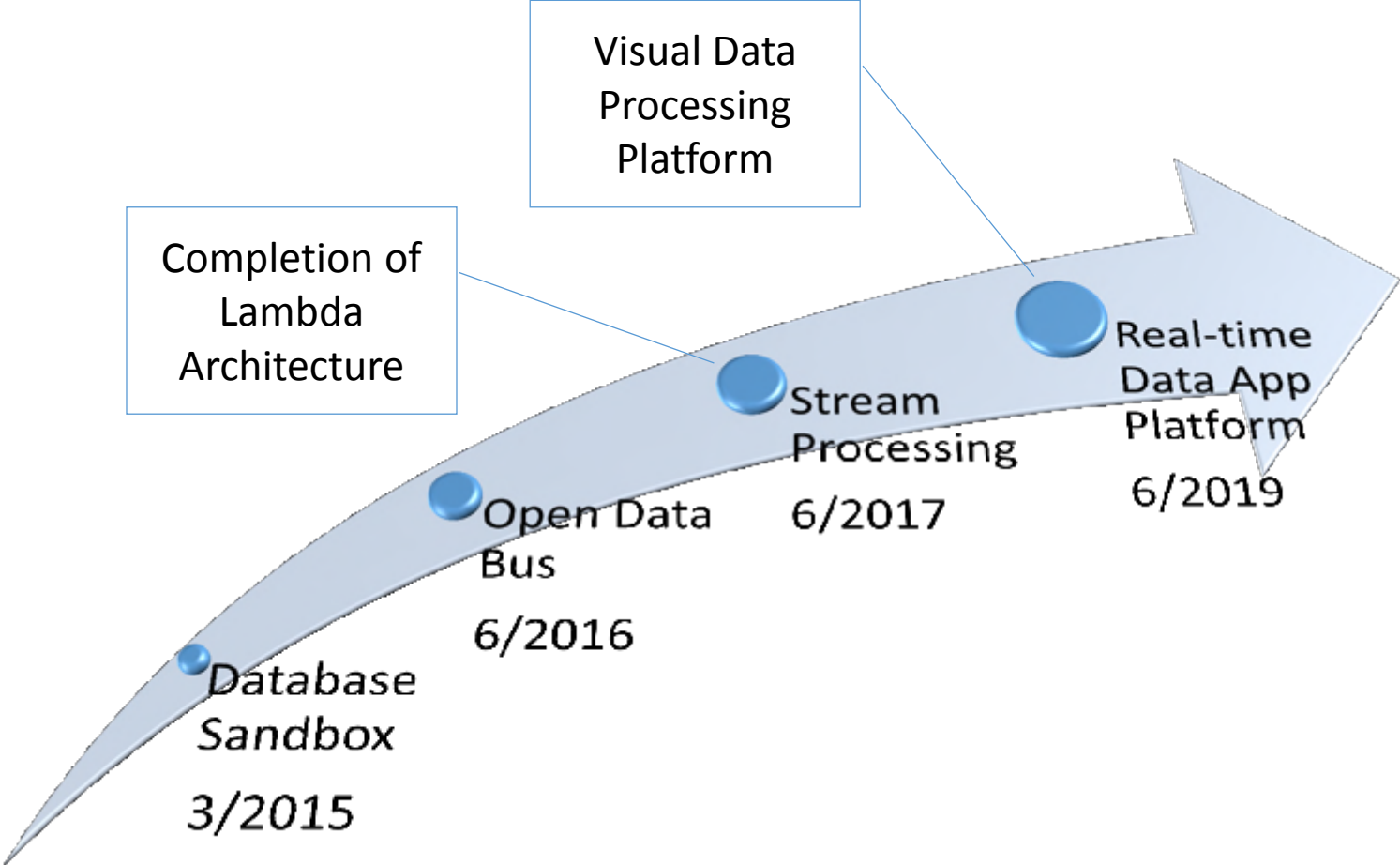
# Top 10 Issues of CIO in 2016

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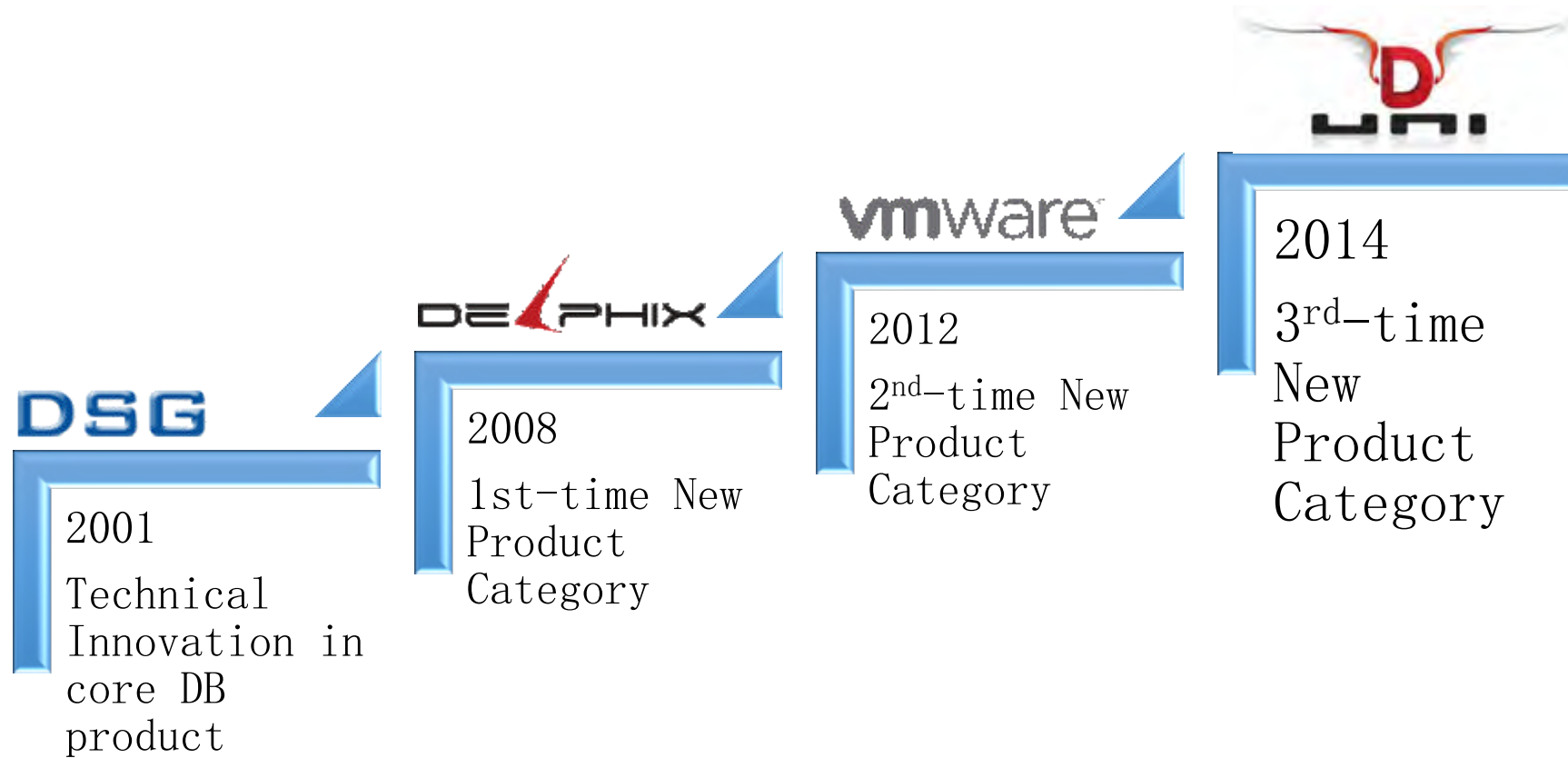
- Alignment of IT with the Business;
- Security and Privacy;
- Speed of IT Delivery and Time-to-Market;
- Innovation;
- Business Productivity and Efficiency;
- IT Value Proposition to the Business;
- IT Agility and Flexibility;
- IT Cost Reduction and Controls;
- Business Agility and Flexibility;
- Business Cost Reduction and Controls.



# Product Roadmap



# Innovative Leadership



# Summary

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## Lambda Architecture

- Pain killer
- Cost efficient
- Industry trend

## Production Quality Solution

- Field proven product
- Scalability and manageability
- Disruptive advantages

## Ready and Capable Team

- Silicon Valley unicorn building
- 15 years focus, drive, and results
- 30 years of experience as customer

