Designing A Procurement Technology Ecosystem
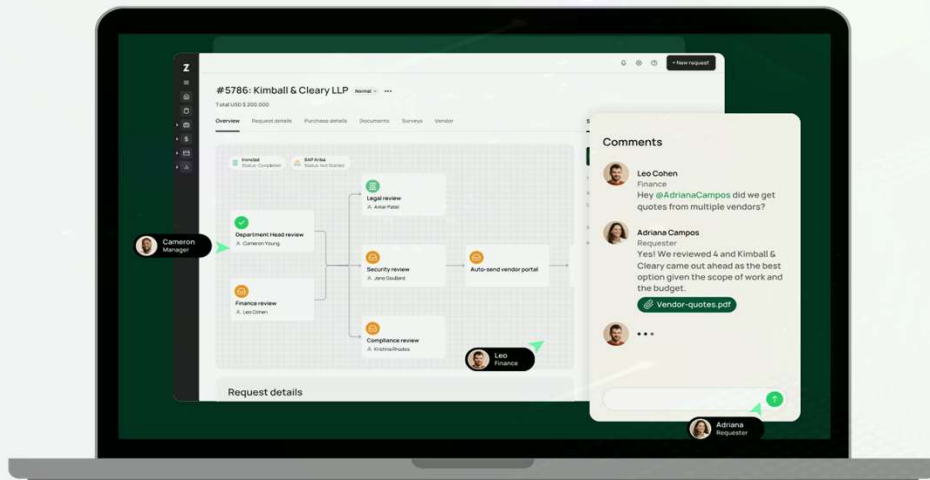
Focus: Tool Interoperability & Data Modelling

OBJECTIVE: PROCUREMENT TRANSFORMATION THROUGH TECHNOLOGY & DATA

Enabling efficient processes, elevating capacity to do more strategic work, and maximize value creation

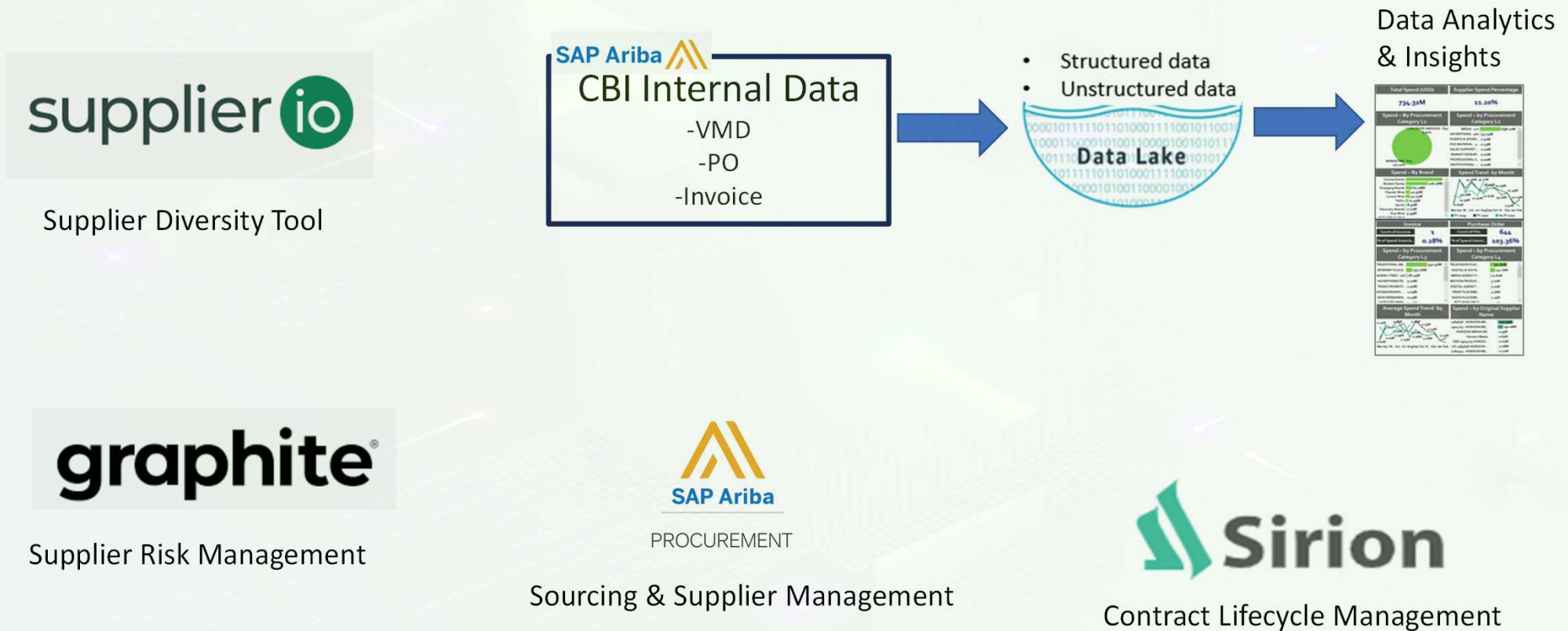

Procurement Intake-to-Procure
Process & Purchase Management

Procurement Control Tower
Procurement Technology Hub

Interoperability -> Data -> Insights

EXAMPLE OF DATA MODEL STRATEGY

Siloed Systems & Data Minimize Value Creation and Visibility

supplier io

Supplier Diversity Tool

SAP Ariba
CBI Internal Data
-VMD
-PO
-Invoice

- Structured data
- Unstructured data

Data Lake

Data Analytics
& Insights

graphite®

Supplier Risk Management

SAP Ariba
PROCUREMENT

Sourcing & Supplier Management

Sirion
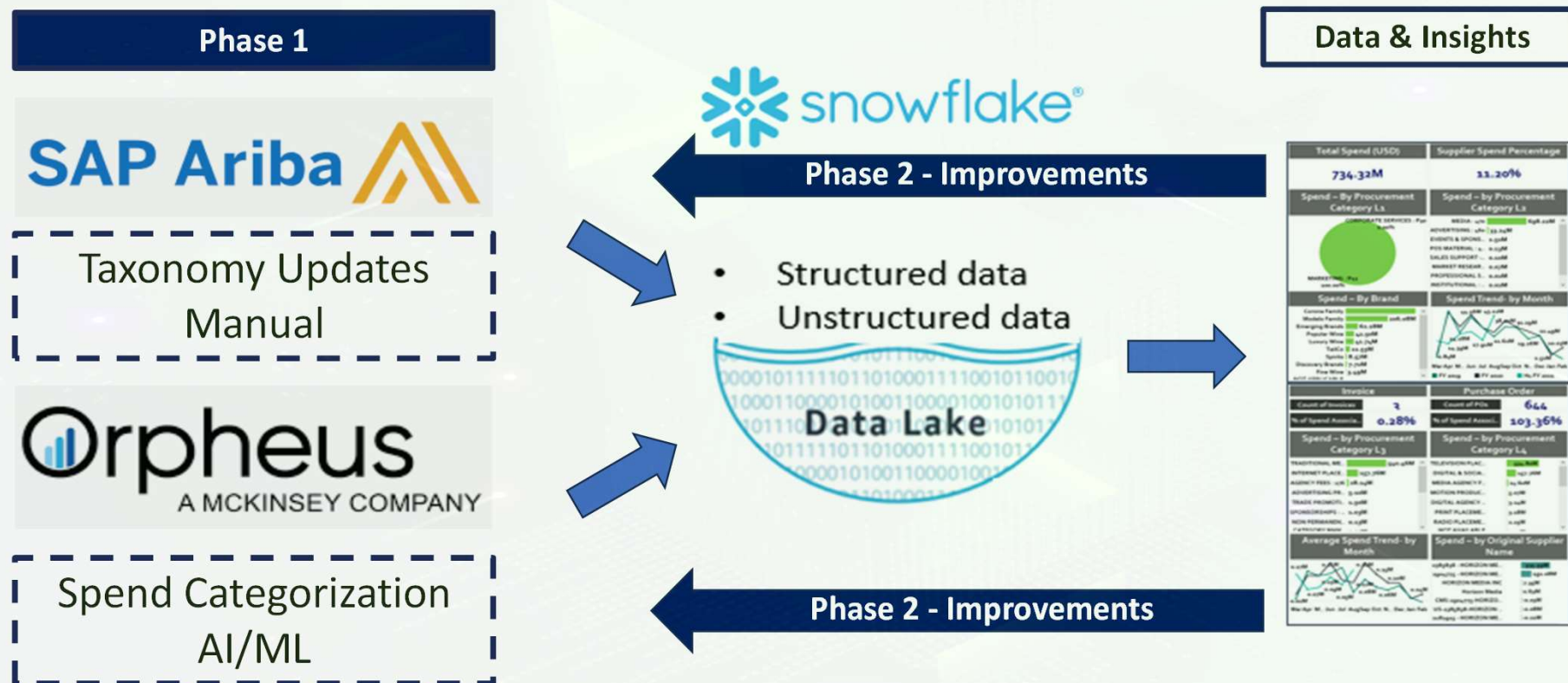
Contract Lifecycle Management

Tools Don't Benefit From Data (Interoperability), and Data From Tools Aren't Modeled for Insights
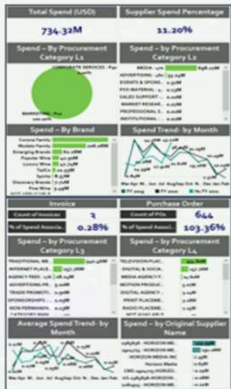
REVIEW OF EXAMPLE CURRENT DATA STRATEGY

Time to Value Creation – 2-3 Years+

AGILE DATA STRATEGY – START WITH THE END IN MIND

Time to Value: 2-3 Months - What Level of Data Quality Do We Need To Drive Company Initiatives & Procurement Needs?

① Identify Products

1. Spend Visibility & Trends
2. Supplier Management
3. Compliance/Risk
4. Category Management
5. Contracts
6. Opportunities (Savings & Cost Avoidance, etc.)
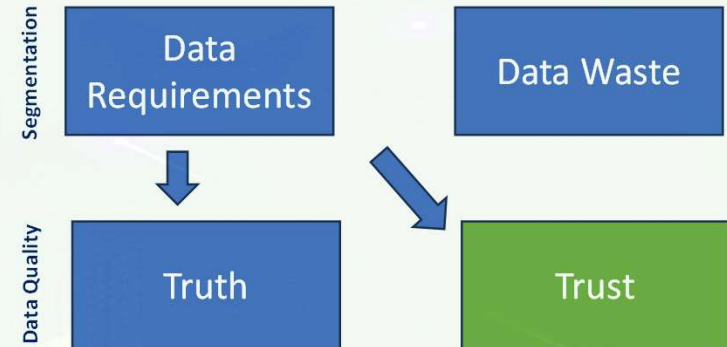7. Automation

② Data Sources

SAP Ariba

graphite®

Sirion

supplier io

?

③ Data Strategy & Architecture

Segmentation

| Data Requirements	Data Waste

Data Quality

Truth	Trust

○ What Is The Cost of "Truth"?

○ Is "Truth" Necessary For The Intended Outcome?

○ Is It the Only Way To Achieve Outcome?

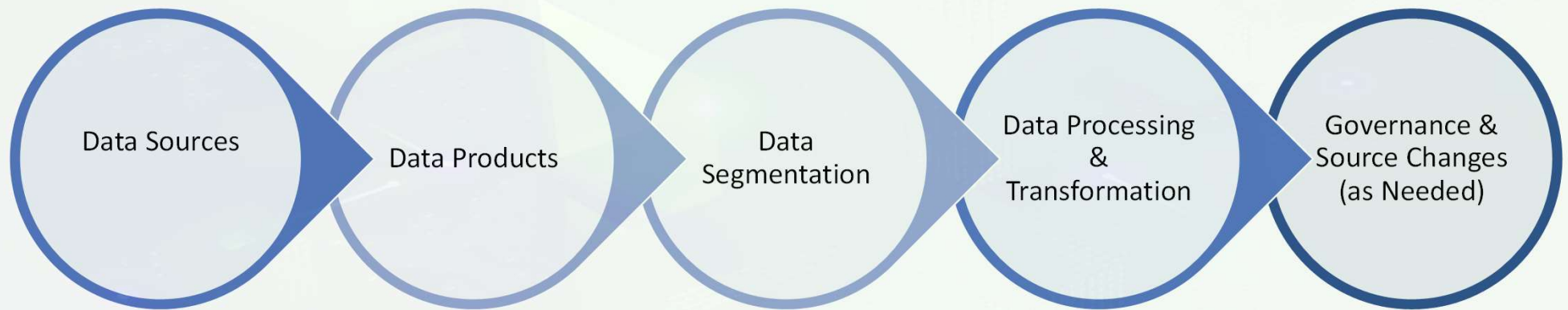**Focus More On Trusting Indicators To Get To Value Rather Than Truth**

EXAMPLE SYSTEM DESIGN – TOOL INTEROPERABILITY & DATA MODEL

Design is Essential - Technology and Data Are Not Neighbors; They Are In Partnership
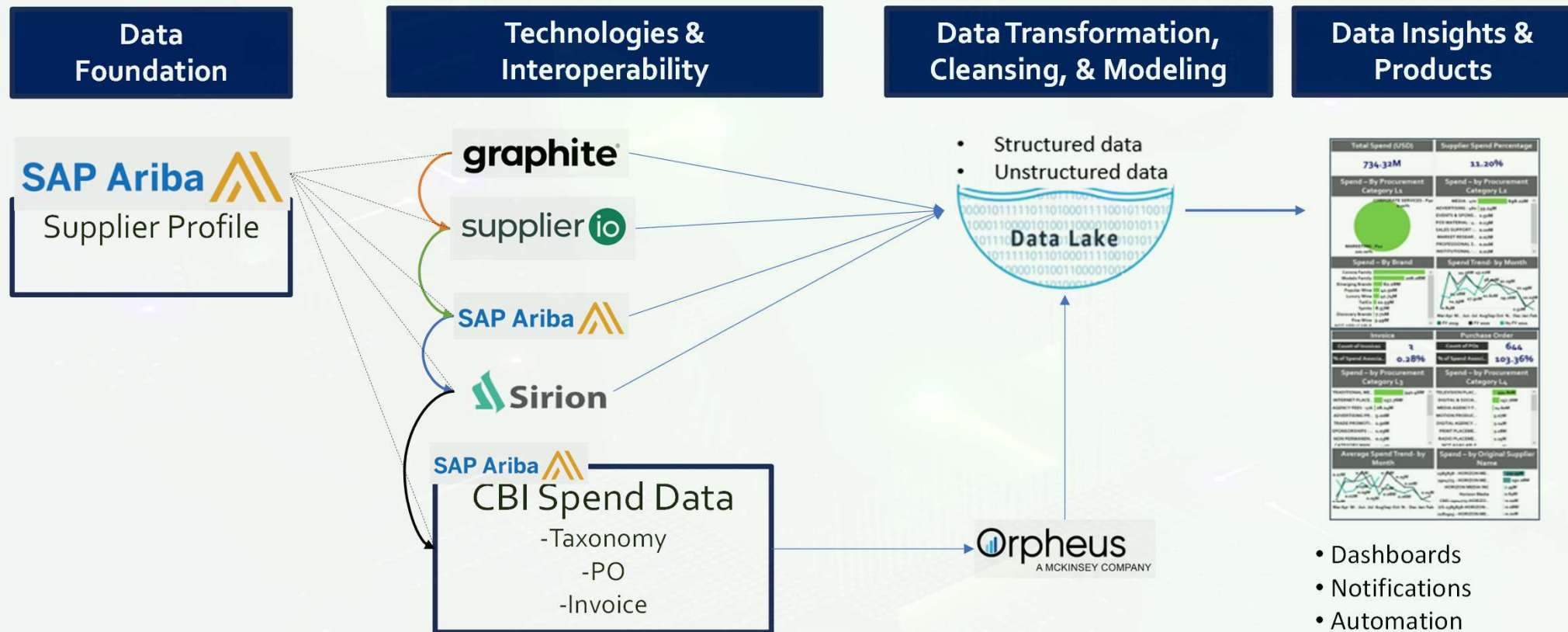
SHORTEN TIME TO VALUE THROUGH DATA STRATEGY

Use Data To Enable Tools, Processes, Elevate Capacity, and Shorten Time to Value

Data Sources → Data Products → Data Segmentation → Data Processing & Transformation → Governance & Source Changes (as Needed)

Data Products From Current Sources	Data Infrastructure Strategy	Data Roadmap & Pipeline	Data Governance

Sources Identified & APIs

Data Transformation**)**