

Inputs

Technical &
Performance:
Form, Fit, Function

PLM
(Windchill)



Financial &
Procurement:
Cost, Sourcing

ERP
(Oracle)



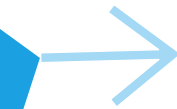
Various:
Transformation
VA/VE
Should Cost
Teardown/Competitive
Analysis
Other

Spreadsheets



Service &
Aftermarket:
Marketing/Sales

PIM



Circularity &
Sustainability

Circularity



Classification
and
Attribute
Management
System

Outputs

Inputs

Organized Data

Commodity/Category
Classification
Schema

Component Attributes

Business Processes

Risk Assessments

Supersede/
Obsolete

Sourcing Decisions

Demand Planning

Inventory
Management

Etc.

Output

\$Business Value\$

Market Baskets:
Supplier Rationalization
Component Rationalization

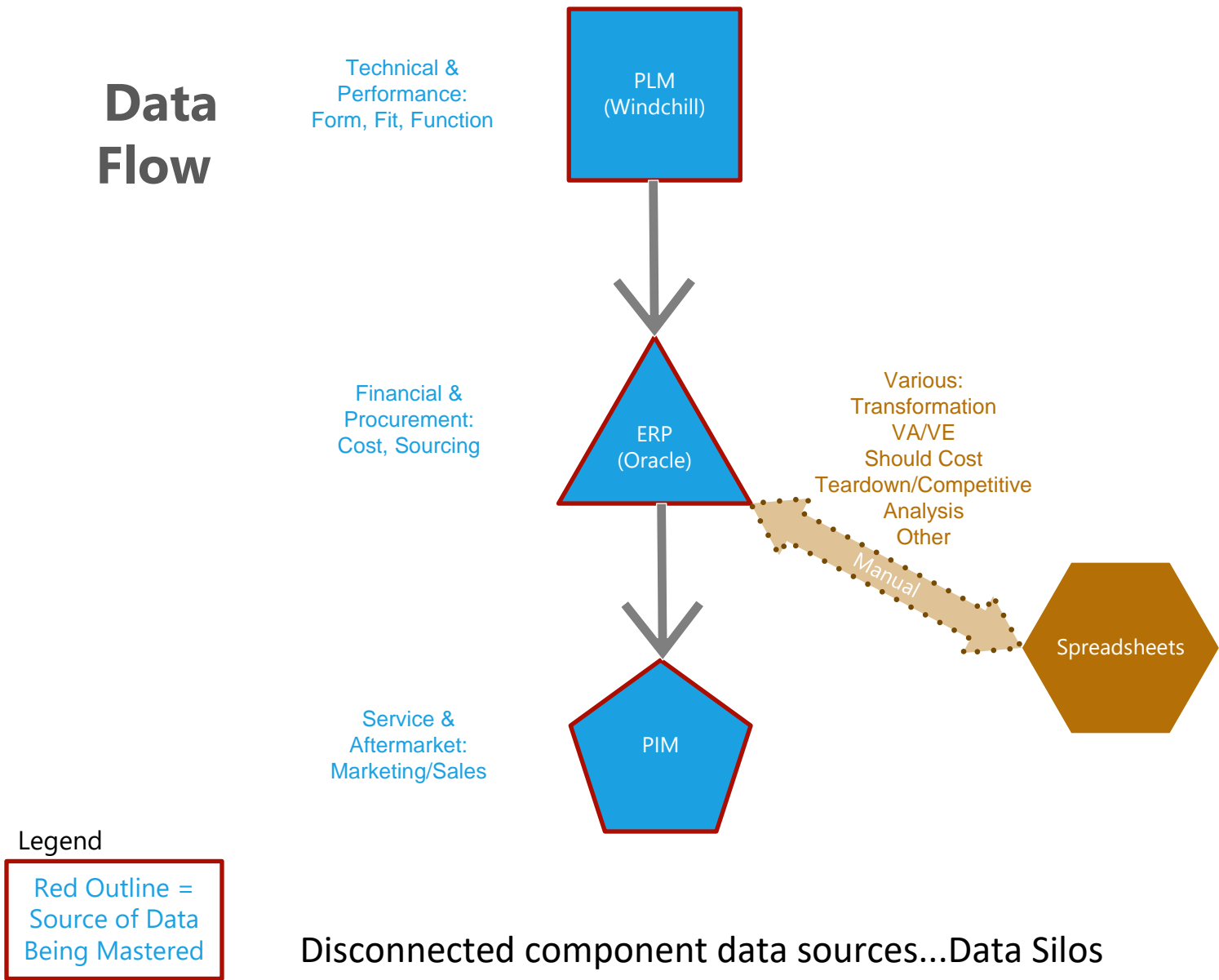
Technology Roadmaps &
Business Strategy:
Component Risk/Exposure
Design Decisions

Compile disconnected component data inputs into an organized data structure for improved efficiency and business decisions

Current State

Core Systems

Data Flow



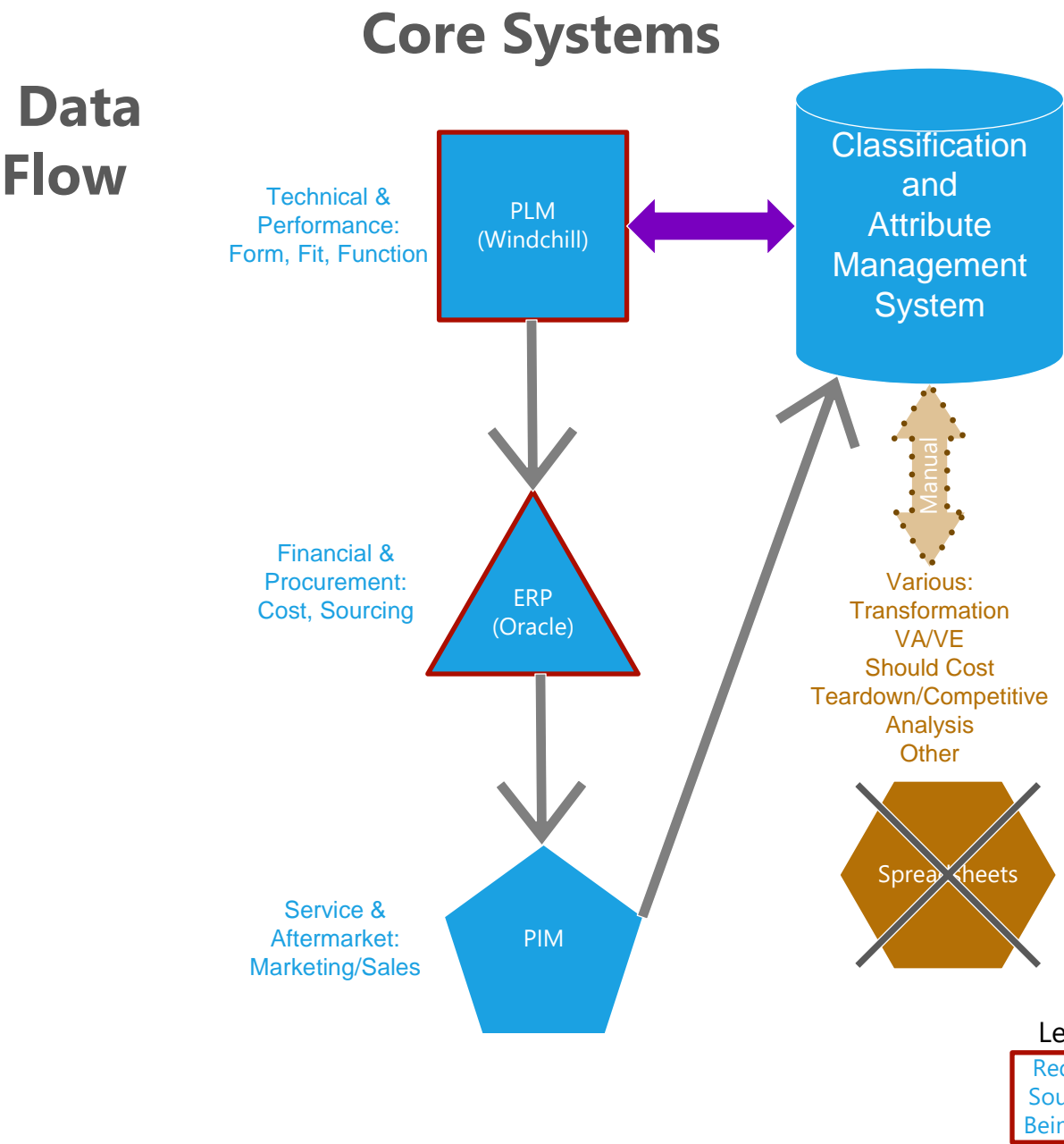
Business Benefits

Plethora of available component data
Teams are well skilled in data capture

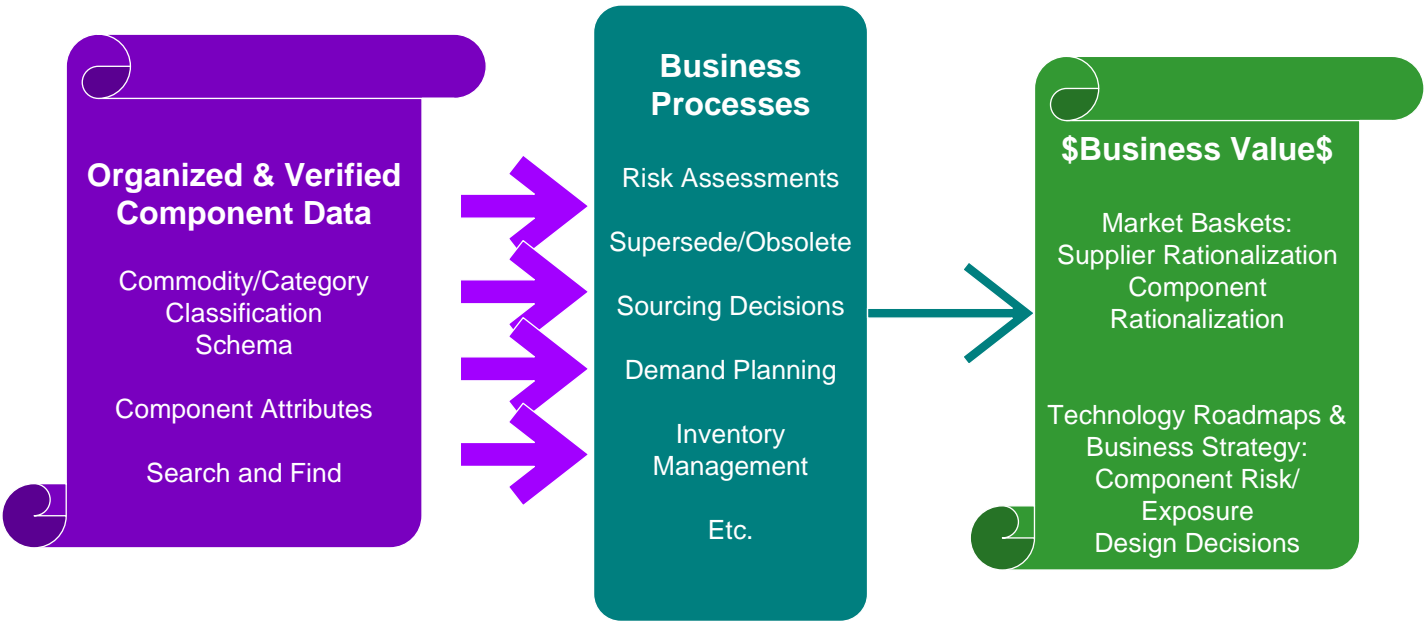
Business Opportunities

Organize and connect data for efficiency and utilization
Streamline and govern data mastery...single source of truth/system of record
Eliminate superfluous/redundant systems

Future State



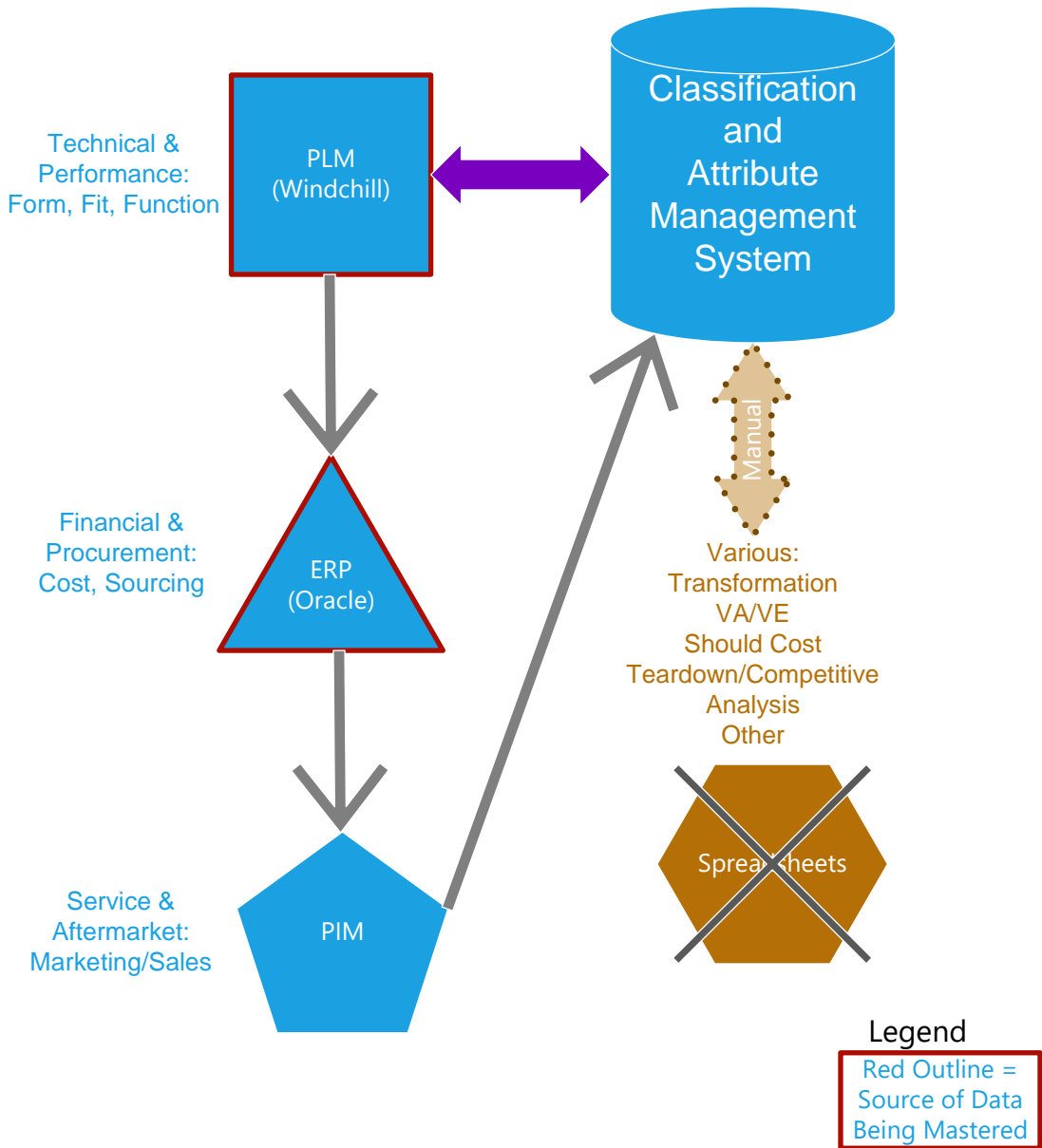
Business Benefits



Organized component data for improved efficiency and business decisions
Data flow for continuous improvement and full lifecycle data capture

CE Role

Data Flow



Business Benefits

Organized & Verified Component Data

Commodity/Category Classification Schema

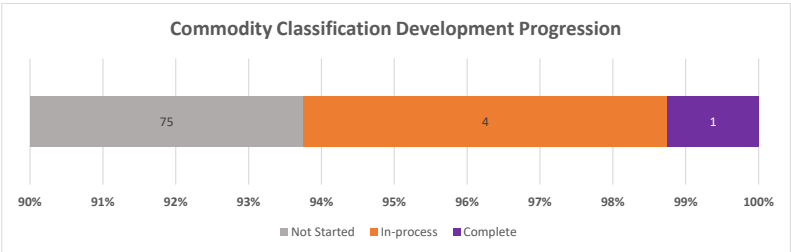
Component Attributes

Search and Find

Metrics

- % Completed Commodities for Classification Schema Development
- In-Process Classification Schema Development Schedule status
- % Complete of attributes in completed classification schema

Examples:



Commodity Classification Development		
	Status	ETC
Valves	On-Schedule	6/2/2023
Circuit Breakers	On-Hold	TBD
Fasteners	On-Schedule	6/2/2023
Wire Harnesses	Late to Plan	04/01/2023 08/01/2023

Attribute Completion			
	% Complete	Status	ETC
Motors	30%	On-Schedule	3/1/2023

Organized component data for improved efficiency and business decisions
Data flow for continuous improvement and full lifecycle data capture