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SUPPLY CHAIN
EUROPEAN CONFERENCE

JUNE 19-20 – University of Verona
VERONA, ITALY



CSCMP 2025
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European Research Seminar
(ERS) ON LOGISTICS & SCM



UNIVERSITÀ
di **VERONA**

SOURCE TO SHIP:
How manufacturers gain
control of their bill-of-material
item supply chains



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Production challenges faced by manufacturers



How did manufacturers get to this current supply chain environment?



The cost of disconnected supply chains



Manufacturing supply chain organizations are split, and lack digitalization

Procurement

- No digital transformation of sourcing processes and supplier management
- Missing a “digital thread” for lifecycle view at BOM Item level
- Inability to “operationalize” risk tools for decision-making
- Challenged to apply AI
- Enterprise systems not in sync

**Enterprise
challenges to
BOM item-
centric
organizations**

Logistics

- Outsourced in-bound logistics to 3PLs /FFs
- Inconsistent milestones from diverse 3PLs/ FFs
- Lacking B-O-M item visibility
- Unable to leverage EDI forecasts for optimization
- Primarily in reactive crisis mode
- Lack data to support carbon-neutral efforts

Blume Global enables the broadest supply chain risk profile



Item-centric and supplier-centric data model aligns risk elements into a single sustainable toolset



HP DB crimp flange 6000 PSI 90°

Item number: 214387961

Revision: AT-07

Item name: HP DB crimp flange 6000PSI 90°

Information system: SAP 1

Forms of risk

Strategic/Financial

Operational

Contractual/Legal

ESG/Reputational

Manufacturing supply chains are costly & high-risk



What is the scope of the risk?



Complexity

60

Manufacturing locations

2.000+

Tier one suppliers

8.000+

Tier one ship from locations

200.000+

Ongoing inbound production parts



Costs

\$5 Billion

Global inbound logistics

\$1 Billion

Global expedited logistics



Revenue at risk

1.000 +

Daily production units globally

\$45 Million

Daily revenue globally

Blume Global is now part of WiseTech Global group



We are the operating system for global logistics

3500+

talented team
members

\$1.1b+

invested in R&D over
the last 5+ years

\$26B+

Market Cap Powerhouse
Driving the Future of
Supply Chain Tech

Trusted by **17K+** customers around the world
Including **25** of the top **25** global freight forwarders
and
46 of the top **50** third-party logistics providers

WiseTech operating platforms are leveraged by your freight forwarders, railroads, 3PLs including...

Ocean carriers



Ocean freight forwarders and 3PLs



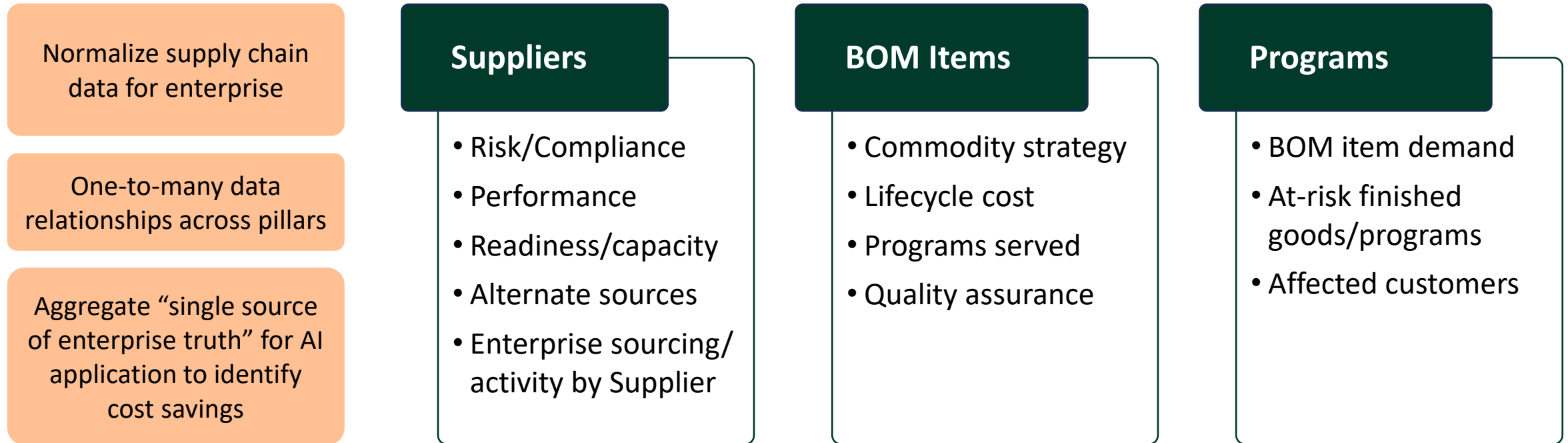
North America railroads



Forges 3 critical supply chain master data pillars

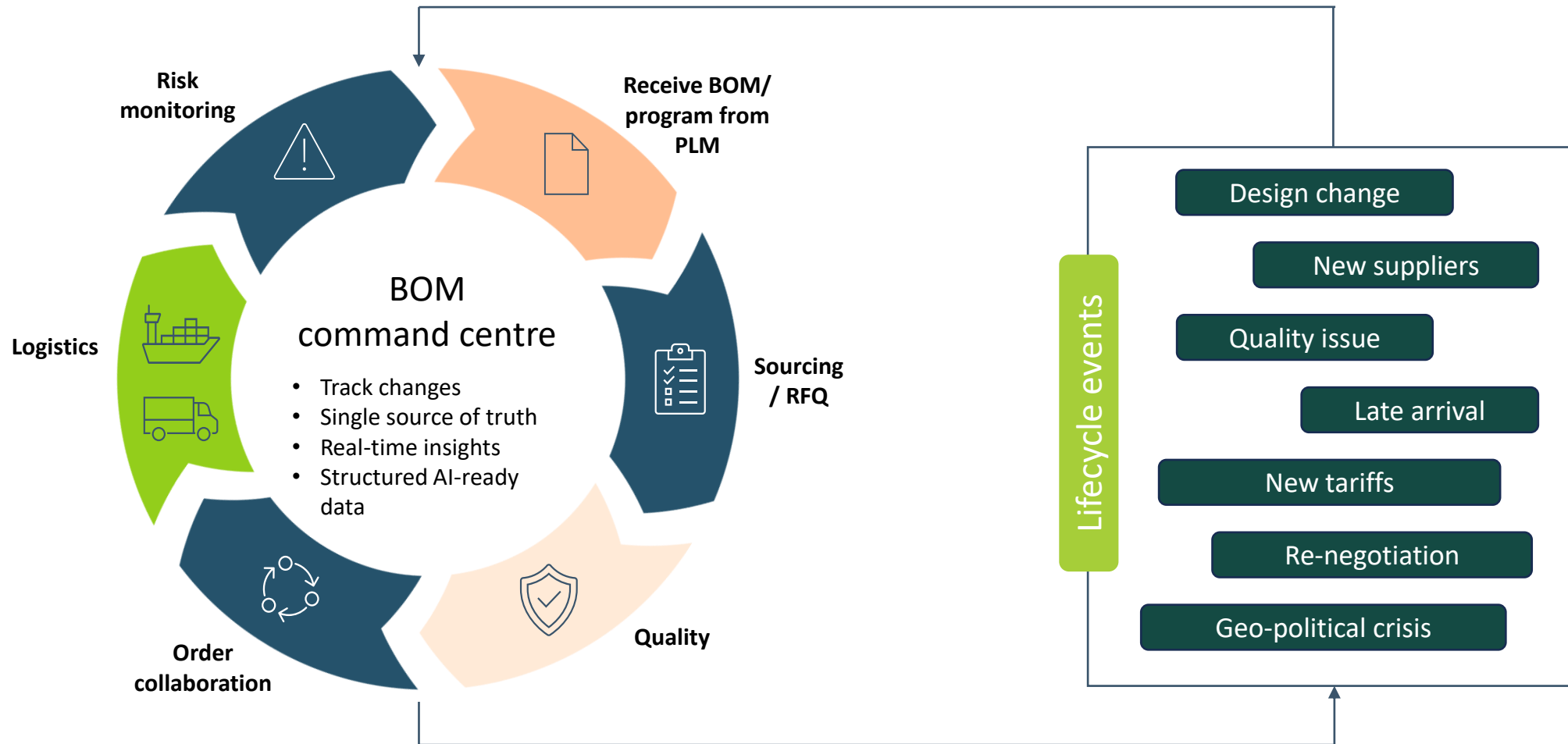


Aggregates/aligns decision-making data, readies AI, while enhancing SCM efficiency

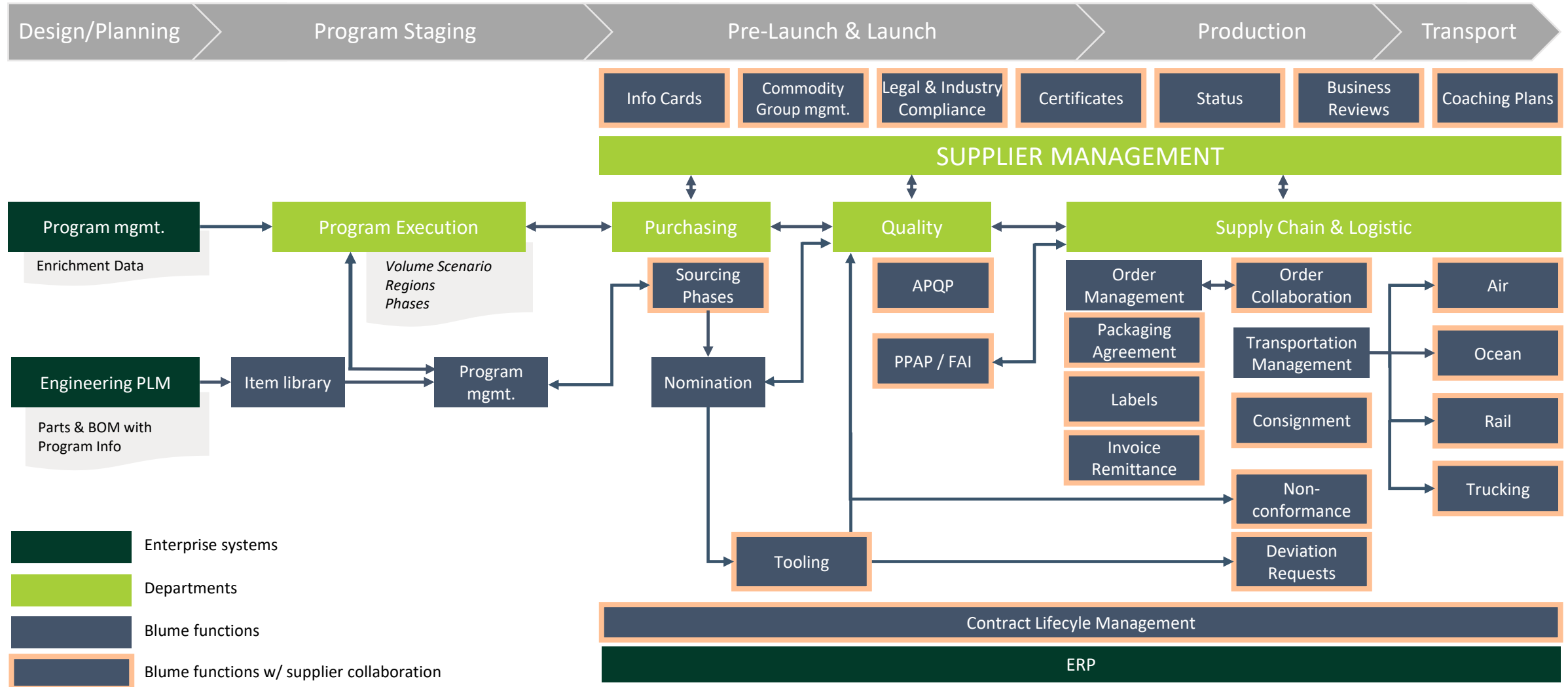


Blume's digital thread

Connecting data across the BOM Lifecycle for AI-driven decisions

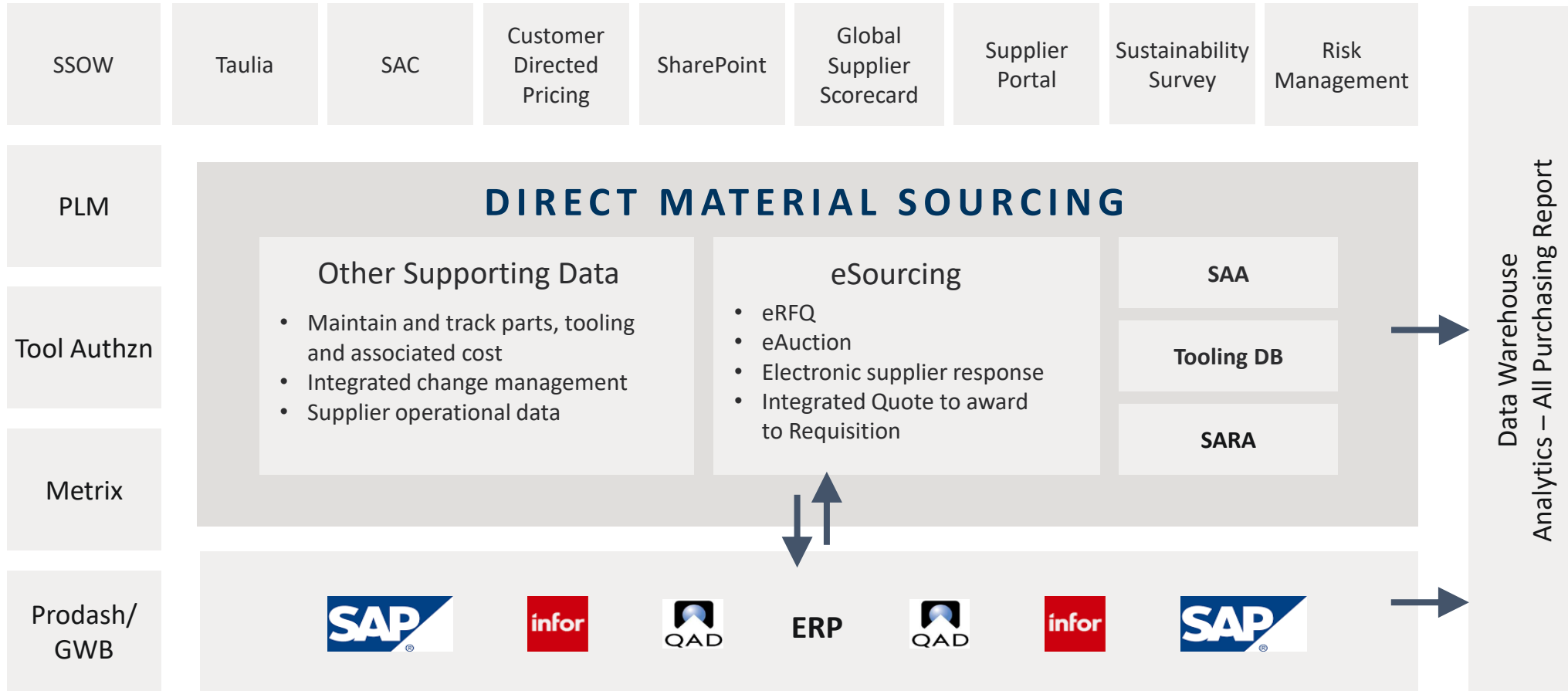


High-level platform business data workflow



Tier one architecture – before

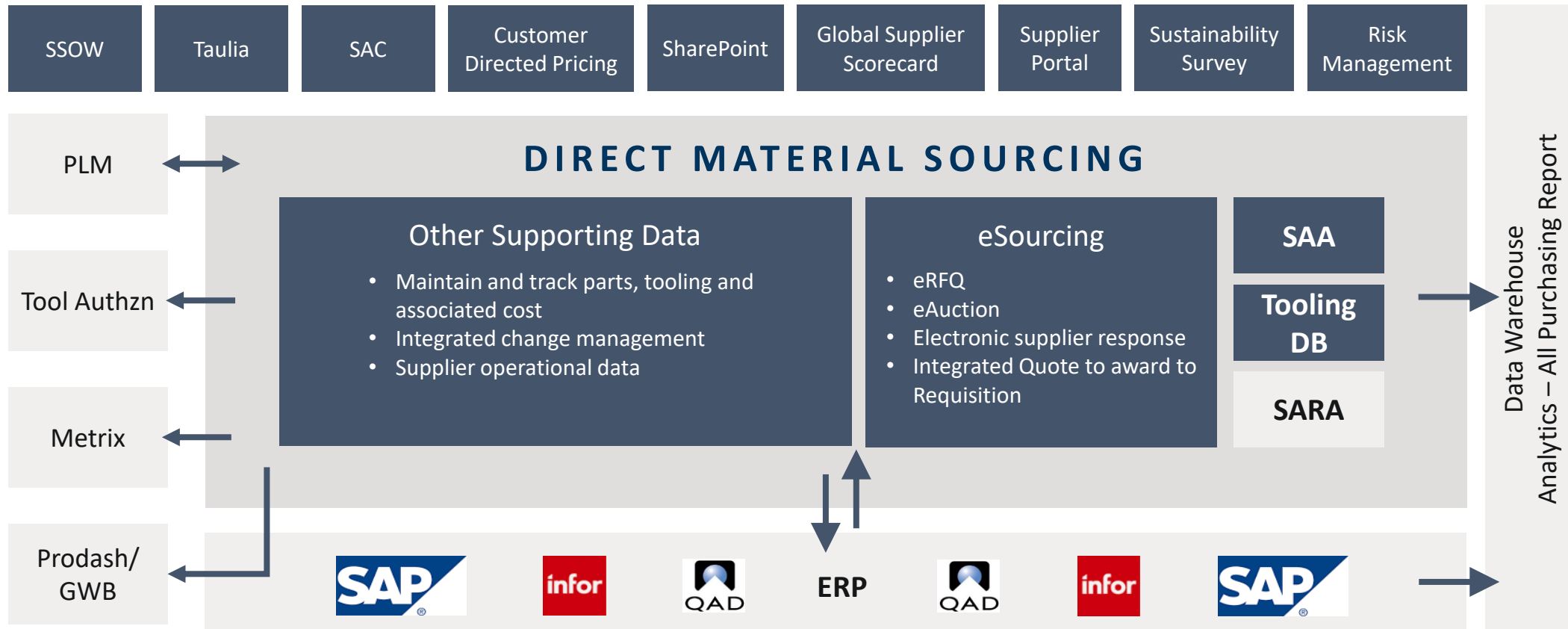
Example: Direct material sourcing for a Top 20 global tier one



Tier one architecture – Blume Global consolidated



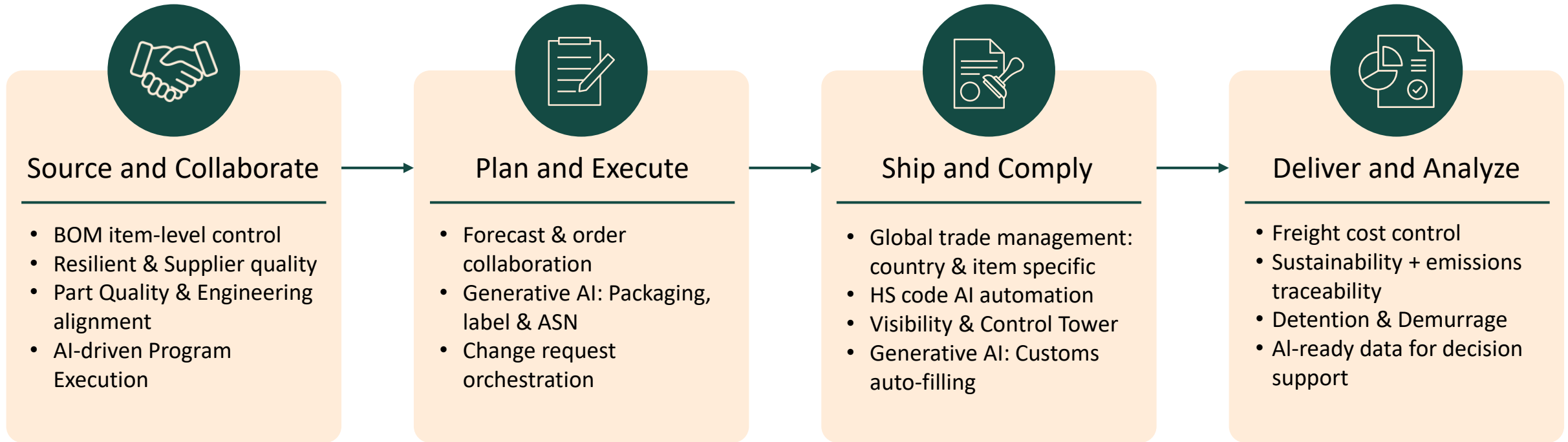
Example: Direct material sourcing for a Top 20 global tier one



Next step: From 'Source-to-Ship' to 'Source-to-Delivery'



End-to-end visibility, one ecosystem: Source. Manufacture. Ship. Comply. Deliver



Unified by WiseTech ecosystem → enabling intelligent orchestration across Sourcing, Manufacturing, Shipment and Compliance

Manufacturing grade supply chain

Our platform manages some of the world's most complex B-O-Ms



DON'T MISS OUR CLIENT SESSION:

SCM-9: From Source to Ship – Dana's digital transformation in direct sourcing and the manufacturing supply chain



Time: 16:45 – 17:15



Room: SMT7



Speaker: Chris Dawson,
Senior Manager of Purchasing Analytics,
Dana Incorporated

Tell us what you think about our session!

Find the session in the EDGE Mobile app to complete the 20-second survey.

Thank you!

