

A Risk-Resilient and Sustainable Supply Chain

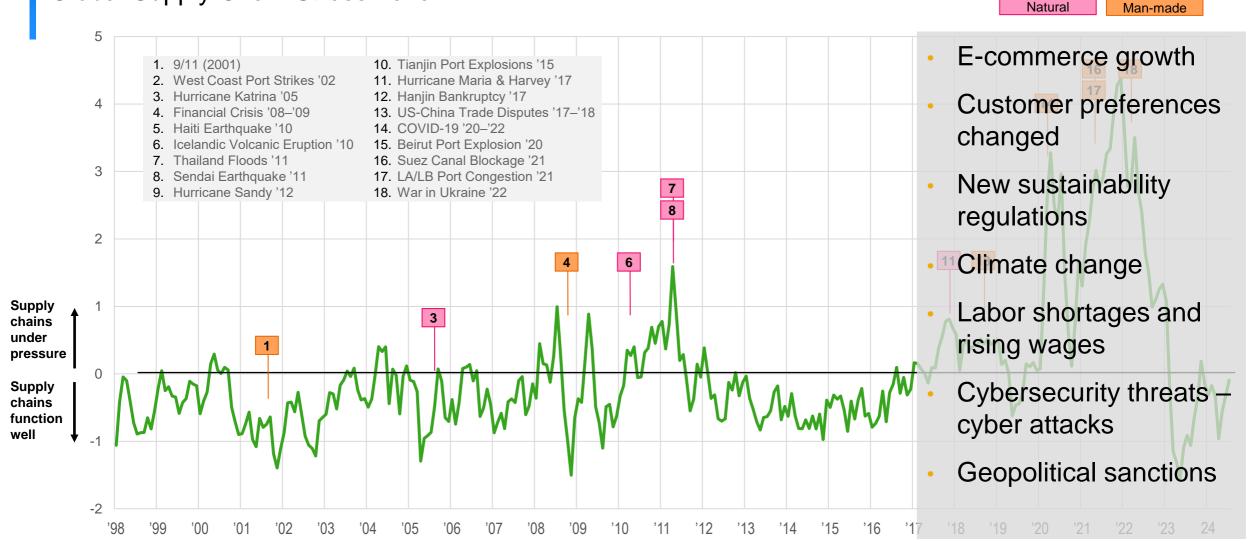
Juan Cartier, CRO - Digital Supply Chain, SAP EMEA

INTERNAL – SAP and Customers Only

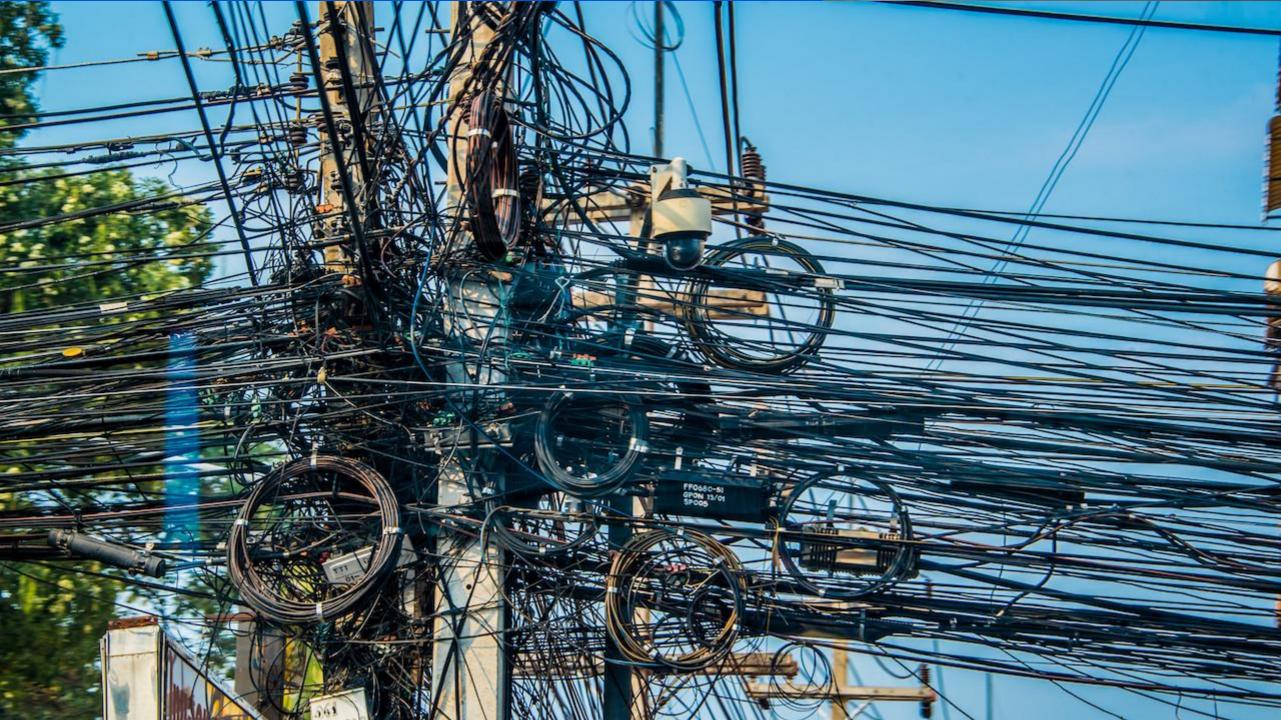


Global disruptions are increasing supply chain pressure

Global Supply Chain Stress Level



Source: Federal Reserve Bank of New York, Global Supply Chain Pressure Index (GSCPI), link; Link to interactive graphic



Unleash digital innovation Al-powered business processes across business functions Ecosystem solutions Spend management Supply chain and business network management Industry-specific and sustainable Human Customer capital relationship management management **Cloud ERP Business Technology Platform**

INTERNAL – SAP and Customers Only

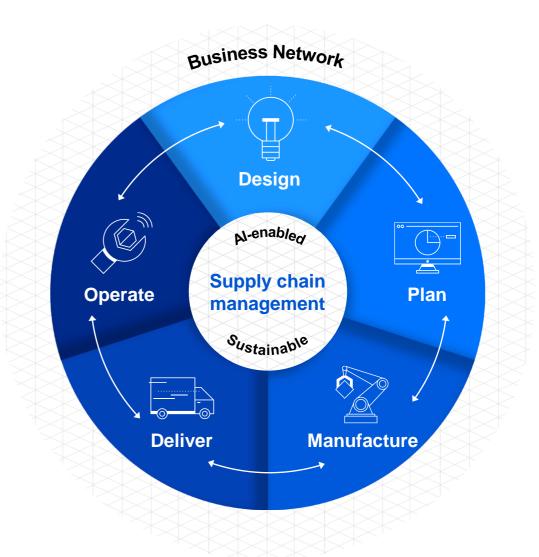
SAP Digital Supply Chain

Unleash digital innovation across business functions

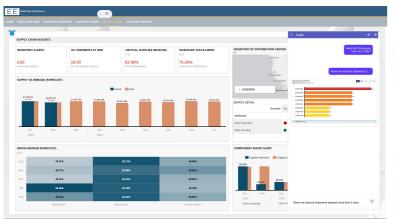
Connect every process

2 Contextualize every decision

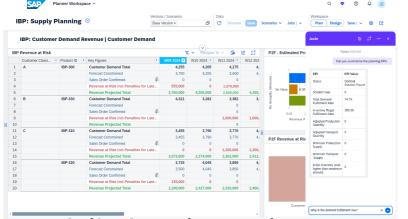
3 Collaborate with your ecosystem



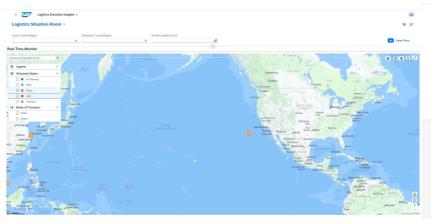
Unleash digital innovation across business functions



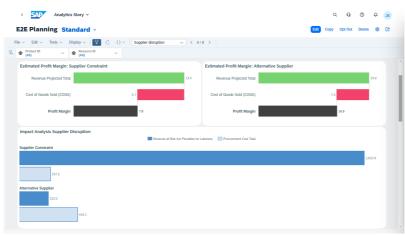
Intelligent Dashboard



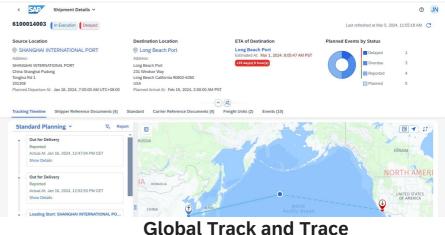
Indetify Alternative Sourcing



Logistics Situation Room

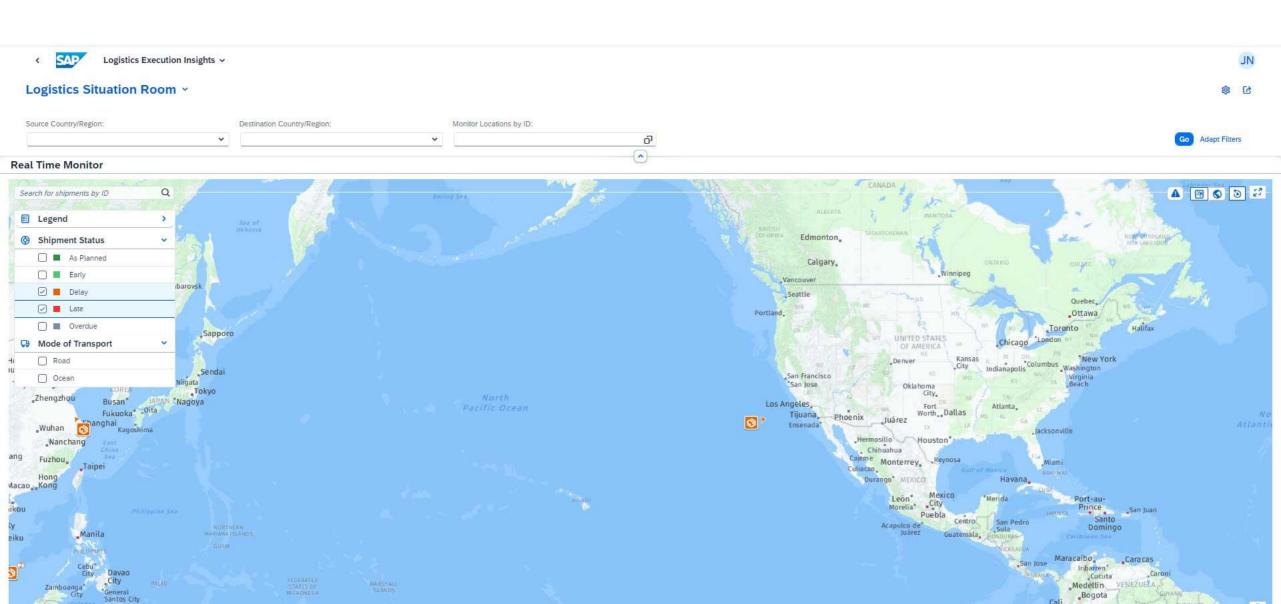


Financial Impact & Decision



| Secretary | Secr

Production Schedule Adjustments



_Manado

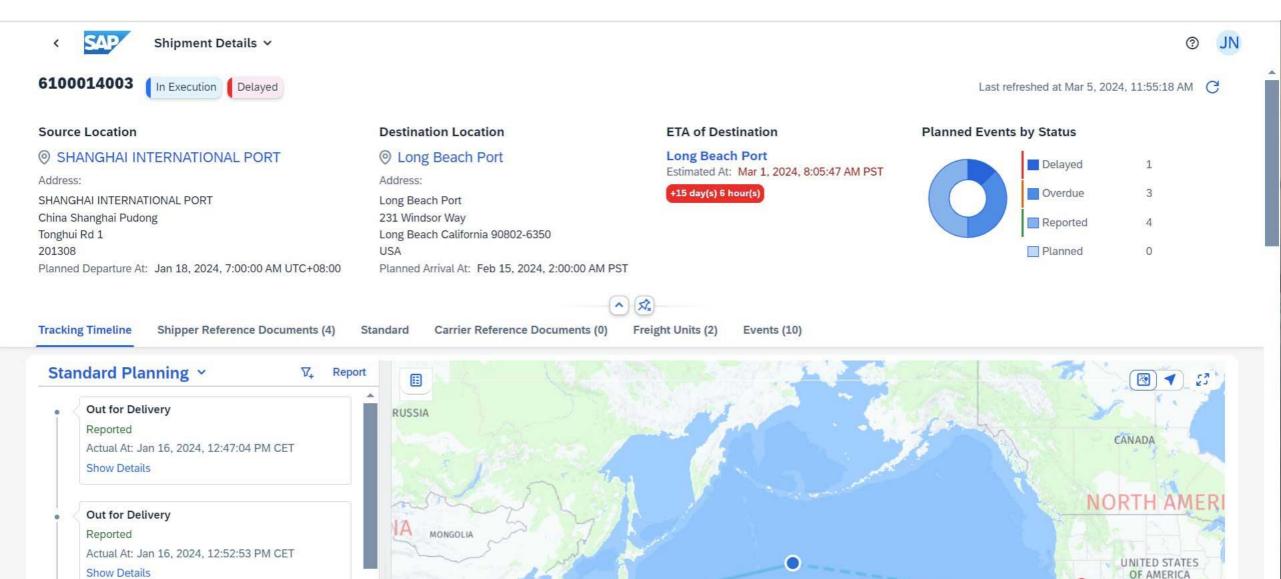
Banjarmasin

Jayapura

Nabire "Jayawijaya

<u>@</u>

Piura



Loading Start: SHANGHAI INTERNATIONAL PO...







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GroupBy Attributes

No Value

0.00

P2F Revenue at Ris

Revenue P

8.30





Joule

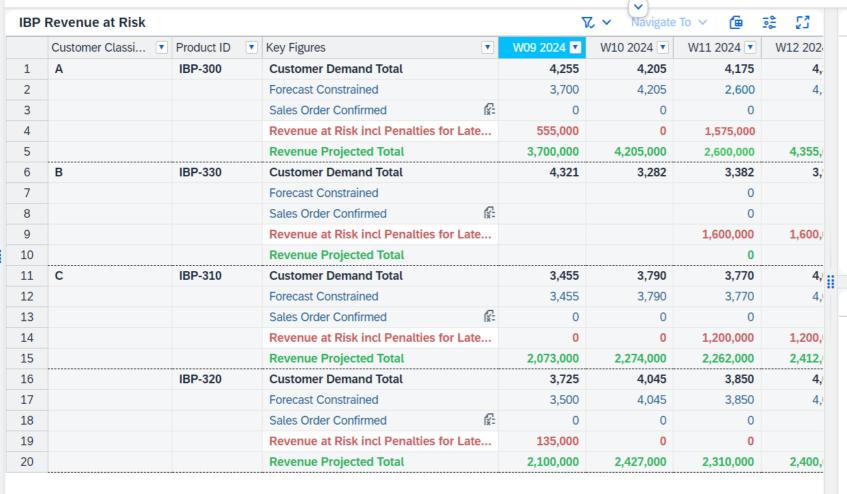


Today 8:00 AM

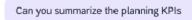




IBP: Customer Demand Revenue | Customer Demand



P2F - Estimated Pro



КРІ	KPI Value	
Status	Optimal Solution Found	
Solution Gap	0	
Total Demand Fulfillment Rate	74.79	
Inventory T arget Fulfillment Rate	100.00	
Adjusted Production Quantity	0	
Adjusted Transport Quantity	0	
Minimum Production Supply	0	
Minimum Transport Supply	0	
Initial inventory level higher than maximum allowed	0	

Customer

Why is the demand fulfillment low?









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Joule

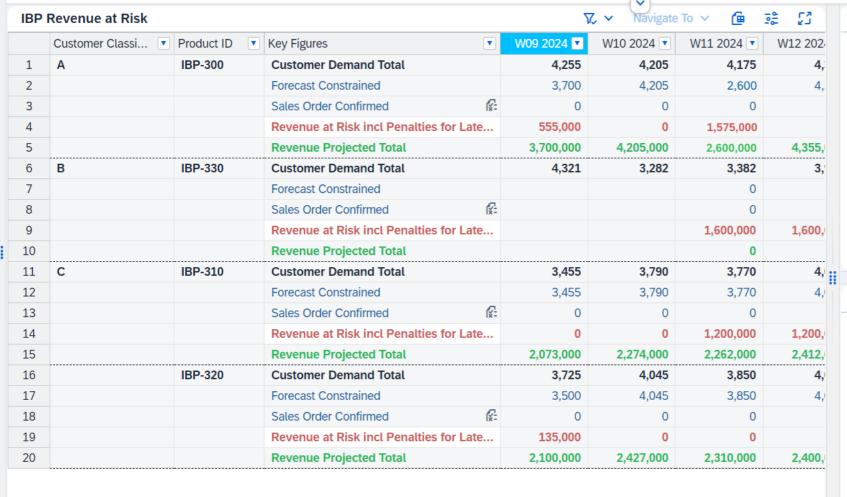






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IBP: Customer Demand Revenue | Customer Demand



P2F - Estimated Pro



P2F Revenue at Ris

Customer

Today 8:00 AM



Design

Why is the demand fulfillment low?

The demand fulfillment rate is low due to two main reasons:

- 1. Insufficient supply: the data shows that the company is unable to source the required amount of products in time to meet the customer demand.
- 2. Limited Resource Capacity: the company's resource capacity at Factory US (1710) is too low to meet the demand.

What are the mitigation options for product IBP-300?











P2F - Estimated Pro

GroupBy Attributes

9

No Value

8.30



Joule

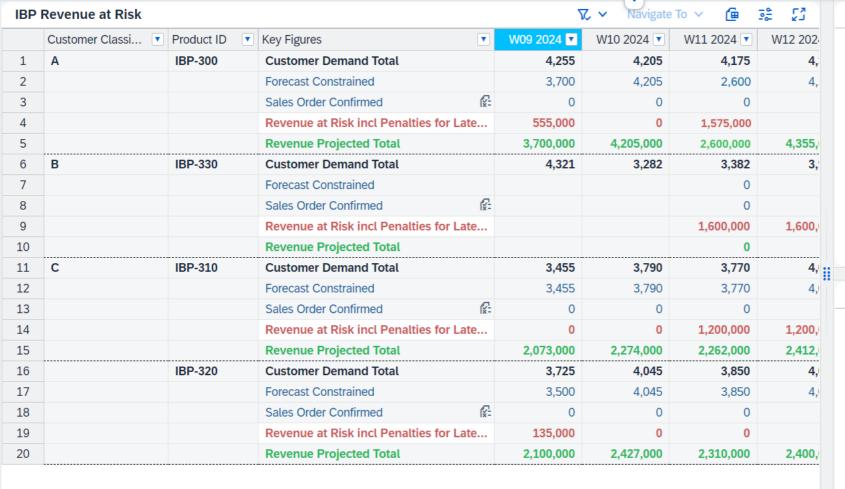
Plan Design

Save | ~



... x

IBP: Customer Demand Revenue | Customer Demand



You could order the necessary component from another supplier. Here are all supplier options:

Current Supplier: Steep Sense Inc.

Component: Delivery:

PCB_BOARD

No delivery possible

7

\$2,500 Total Procurement Cost

.

P2F Revenue at Ris

0.00

Revenue P

Customer

Message Joule...















Joule

Save | v

PCB_BOARD

5 days by truck

\$8,200

Total Procurement Cost

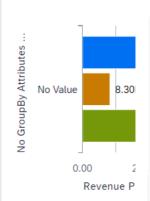


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IBP: Customer Demand Revenue | Customer Demand



P2F - Estimated Pro



You could order the necessary component from another supplier. Here are all supplier options:



P2F Revenue at Ris



Message Joule...





... x IBP: Customer Demand Revenue | Customer Demand Joule **IBP** Revenue at Risk P2F - Estimated Pro You could order the necessary component from another supplier. Here are all supplier options: Key Figures W09 2024 ▼ W10 2024 ***** W12 202 Customer Classi... Product ID W11 2024 T **IBP-300** 4,205 Α **Customer Demand Total** 4,255 4.175 4, Sensorwerk **Forecast Constrained** 3,700 4,205 4. 2,600 **GroupBy Attributes** 3 Sales Order Confirmed 0 0 0 PCB_BOARD Component: Revenue at Risk incl Penalties for Late... 555,000 1,575,000 Delivery: 6 weeks by ship No Value 8.30 **Revenue Projected Total** 3,700,000 4,205,000 4,355, 2,600,000 В IBP-330 **Customer Demand Total** 4,321 3,282 3,382 3, \$ 3,300 **Forecast Constrained** 0 Total Procurement Cost 9 Sales Order Confirmed 0 0.00 Revenue at Risk incl Penalties for Late... 1,600,000 1,600, Revenue P **Revenue Projected Total** 10 0 **IBP-310** 3,790 11 C **Customer Demand Total** 3,455 3,770 4, 12 **Forecast Constrained** 3,455 3,790 3,770 4, P2F Revenue at Ris 13 Sales Order Confirmed 0 0 0 14 Revenue at Risk incl Penalties for Late... 0 1,200,000 1,200, 15 **Revenue Projected Total** 2,073,000 2,274,000 2,262,000 2,412, **IBP-320 Customer Demand Total** 16 3,725 4,045 3,850 17 **Forecast Constrained** 3,500 4.045 3.850 4. 18 Sales Order Confirmed 0 0 0 19 Revenue at Risk incl Penalties for Late... 135,000 0 0 20 **Revenue Projected Total** 2,100,000 2,427,000 2,310,000 2,400, Customer Message Joule...







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Joule







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Transport

IBP: Customer Demand Revenue | Customer Demand



P2F - Estimated Pro



P2F Revenue at Ris

Scenarios created:

113047VEND3	MakesSense Ltd	C-
113047VEND1	Sensorwerk	典

Supplier

After comparing all details of the scenarios, considering various factors like long- and midterm risk rating, the scenario using supplier MakesSense Ltd. turned out to be the best option to mitigate the risk.

Makes Sense Ltd.

Total Procurement Cost

\$8,200

Total

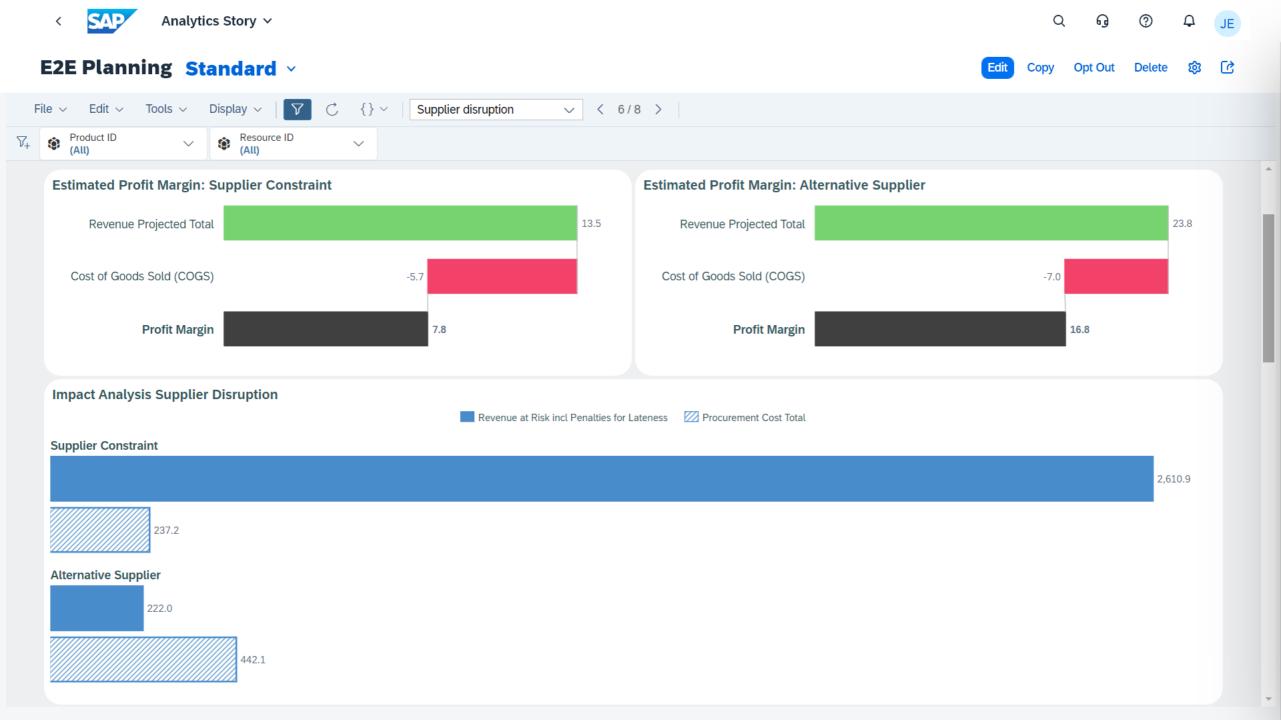
Order Amount: Delivery:

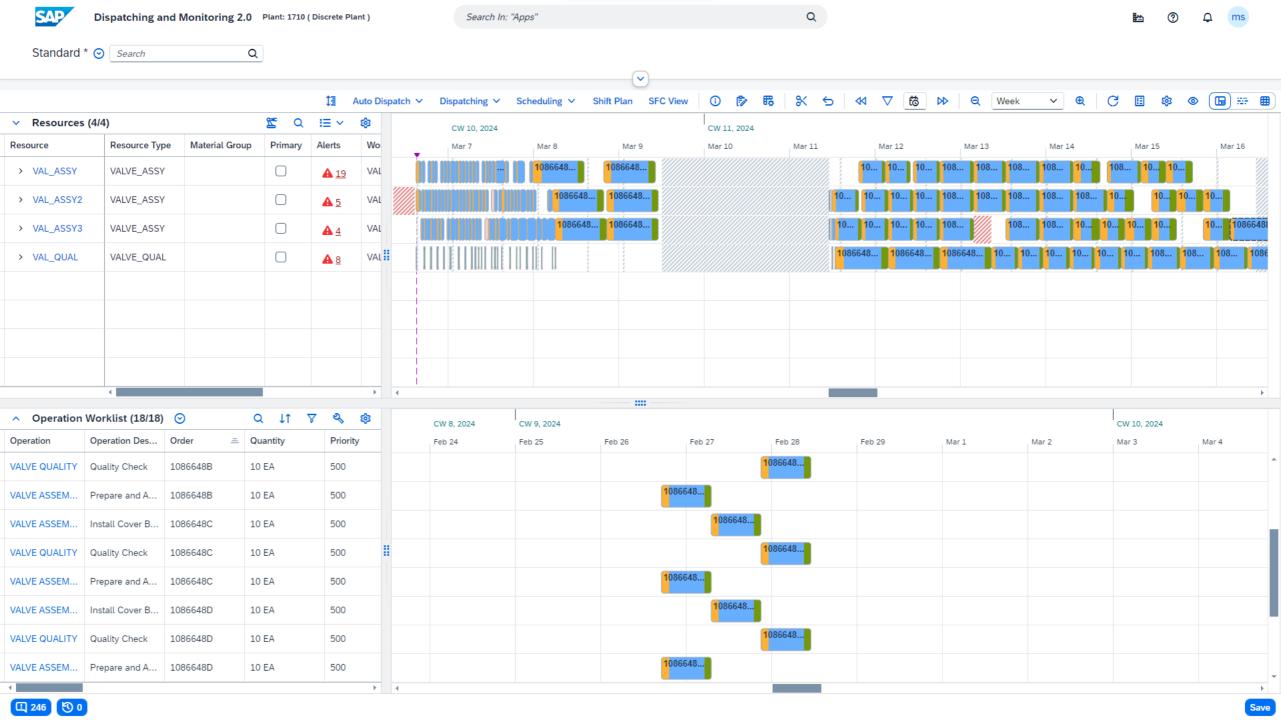
110 pieces □ 5 days by truck

Create Purchase Requisition

Customer

Message Joule...

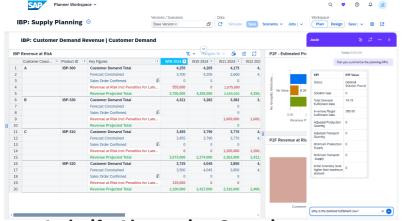




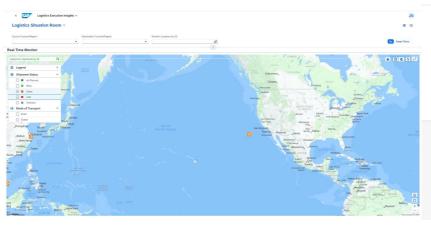
Unleash digital innovation across business functions



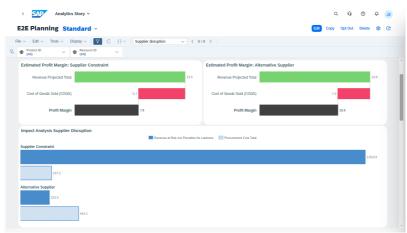
Intelligent Dashboard



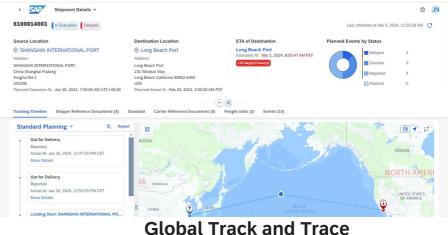
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Logistics Situation Room



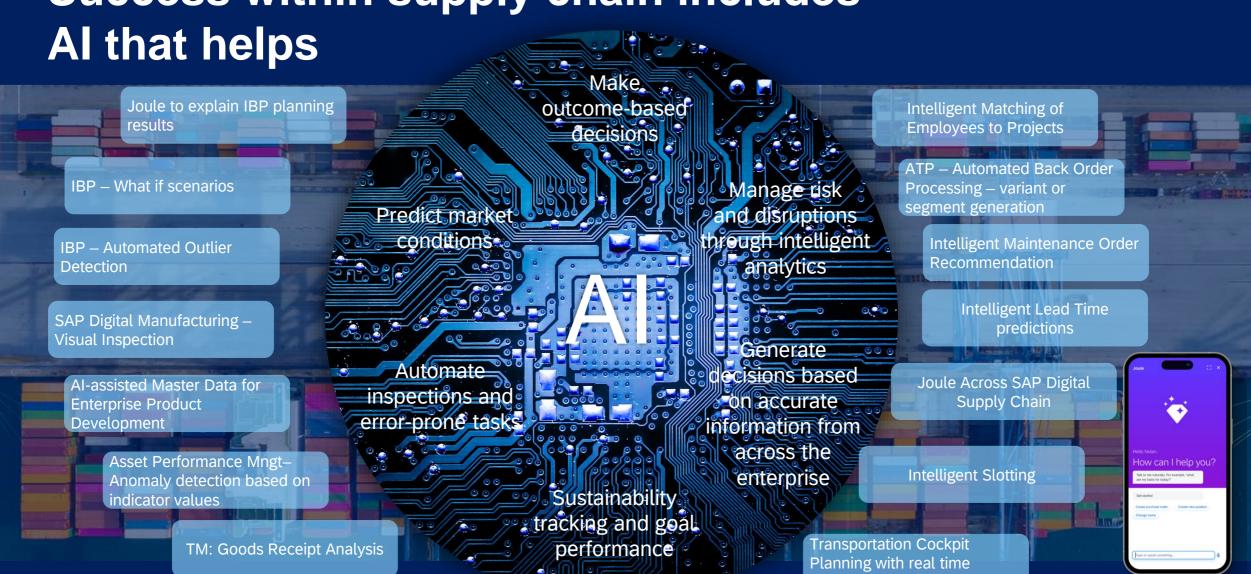
Financial Impact & Decision



Standard * Standard *

Production Schedule Adjustments

Success within supply chain includes

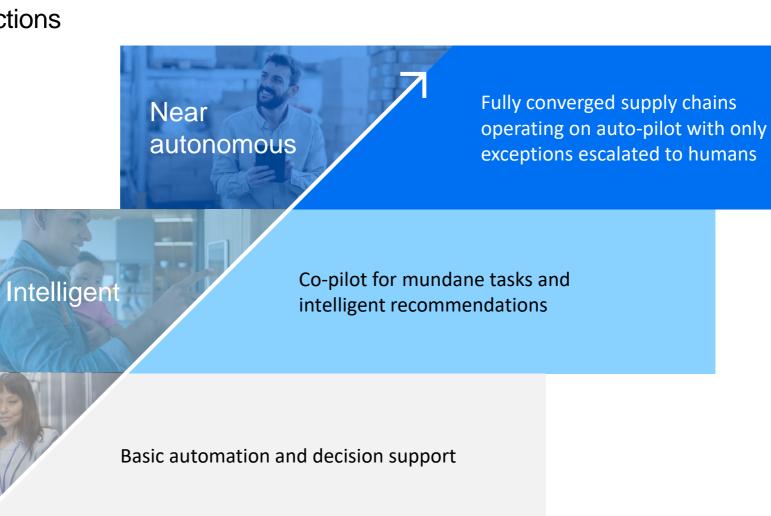


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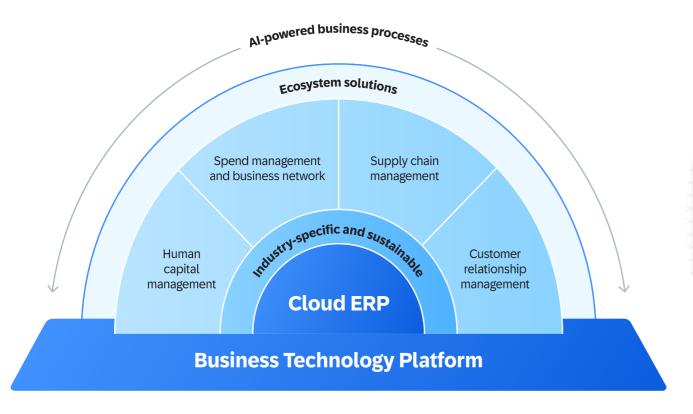
recomendations

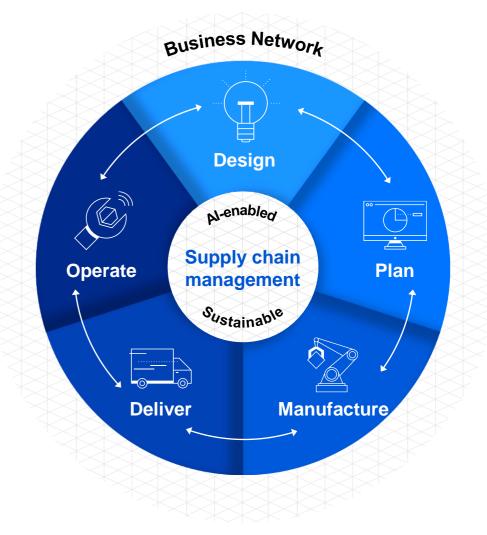
Unleash digital innovation across business functions

Digital



Unleash digital innovation across business functions





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Thank you.

Contact information:

