

From silos to synergy: solving challenges in material planning



Challenges in material planning often stem from unseen complexities like siloed operations or unpredictable demand

Common challenges in material planning



Volatile production lines and unpredictable demand

Ineffective communication and back-and-forth coordination

Inefficiency due to manual processes

Lack of visibility on transportation

Demand for faster, more reliable deliveries

Inefficient planning due to inconsistent data across systems

Siloed operations between material and transportation

Hidden challenges in material planning

Transform fragmented processes into streamlined workflows

Strategies for collaboration and integration

Data consistency among systems

Accurate updates of key parameters such as safety stock levels, transit times or delivery frequencies

- > More reliable planning
- > Avoid discrepancies



Interfaces to streamline communication

Use of EDI* interfaces to transfer data like demands, orders or call-offs before automatic processing

- > No need for manual data entry or exchange
- > Reduces errors and misinterpretation



Integrated and collaborative planning

Integrated S&OP platforms for collaborative planning processes

- > Cross-functional visibility with real-time data
- > Unites traditionally siloed planning functions

Take a closer look
at this strategy



*Electronic data interchange

Integrating transportation into material planning ensures better visibility and more actionable plans

Add an automatic step to your planning processes

- 1 MRP run
- + 4flow TORO optimizes orders
- 2 Optimized orders
- 3 Transportation planning
- 4 Optimized shipment creation



Case studies



German automotive manufacturer

- > Global manufacturing footprint and large supplier base

4flow TORO

- > Integrates transportation optimization into material planning
- > Optimizes inbound transportation flows early
- > Compensates for static route setup and delivery patterns

Results

17%

transportation
cost savings

12%

reduction in carbon
emissions



European manufacturer of FMCG products

- > European manufacturer of FMCG products
- > Distribution network of 4 central DCs and 15 regional DCs

4flow TORO

- > Optimizes transportation for the outbound distribution network
- > Eliminates silos between order and transportation planning
- > Enhances transparency and reduces manual planning

Results

15%

transportation
cost savings

21%

increase in planning
efficiency

Start your optimization journey with 4flow

Integrated expertise

End-to-end solutions combining consulting, software and managed services ensure a seamless approach to complex supply chain challenges.

Fast ROI

See return on your investment within 4-6 months thanks to significant cost savings and improved resource utilization with 4flow TORO.

Scalable integration

Flexible deployment options ensure compatibility with ERP systems and quick roll out without significant implementation efforts.



Interested or have any questions? Contact us!

Get in touch to have your questions answered or to schedule a live demo of our software solutions.



4FLOW

Berlin | Hallerstrasse 1 | 10587 Berlin | Germany
[4flow.com](https://www.4flow.com)



Patrick Achatz
Director Software Sales
4flow software
M +49 174 762 5925
p.achatz@4flow.com