



sedApta

An Elisa Industriq company

Industry Analyst Event 2025
Benedetta Cuttica

sedApta Today

15

offices across Europe
and South America

500+

team members
across Europe

90+

person R&D team
driving innovation

Global

network partners

Strong

presence in key
manufacturing markets

Expert

in configure-to-order
manufacturing

The New Supply Chain Reality: Challenges



Volatility & Disruptions

Global uncertainties disrupt supply chains.



Demand Fluctuations

Shifting consumer behaviors cause demand changes.



Lack of Agility

Traditional systems can't adapt quickly.



Need for Real-time Insights

Companies require immediate data for decisions.



AI & Automation Gap

Many lack expertise to leverage AI effectively.

sedApta Approach: From Planning to Adaptive, AI-Driven Decision Making



Cognitive End-to-End Planning

- Dynamic AI-powered ecosystem
- End-to-end processes integration
- Agile, responsive, and high-performing supply chain.



Collaborative Intelligence & Insights

- Seamless cross-functional synchronization
- Real-time insights
- AI-powered decision-making



Adaptive Decision-Making

- Adaptive Supply Chain
- Integrated planning & execution
- Predictive disruption management



Sustainable Optimization at Scale

- Predictive disruption management
- Digital Twin-based scenario planning
- Resource efficiency & waste reduction

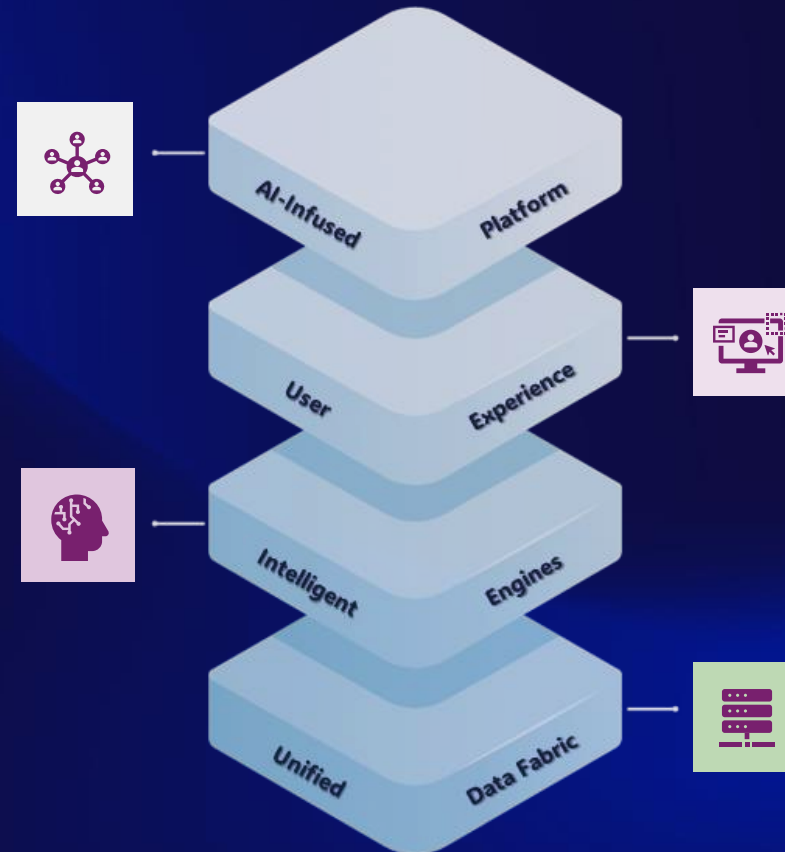
sedApta Demand Driven Manufacturing Plus

AI-Infused Orchestrated Platform

An AI-powered, orchestrated platform that synchronizes operations, enhances visibility, and automates decision-making. AI models generate, adapt, and learn, while Lumi, the Virtual AI Manager, provides real-time insights, process automation, and strategic recommendations through natural language interactions.

AI-Enhanced Intelligent Engines

Modular and scalable AI-driven engines optimize supply chain processes across strategic, tactical, and operational levels. With multi-simulation, what-if analysis, and predictive analytics, businesses can explore, compare, and act dynamically, improving forecasting and scenario-based planning.



Composable & Control-Tower Enabled User Experience

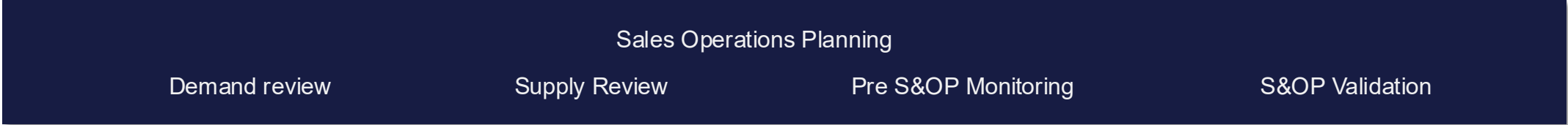
An intuitive and composable user interface powered by Analytics Bricks, enabling real-time collaboration, AI-driven insights, and self-service configuration. The Control Tower enhances cross-process visibility, integrating planning and execution for faster, data-driven decision-making.

Unified Data & Service-Oriented Architecture

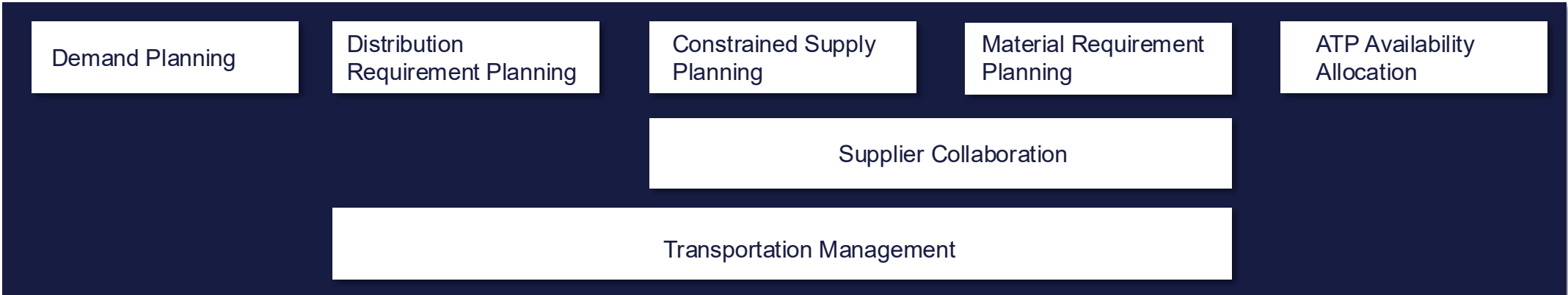
A harmonized data fabric that connects internal and external data, creating a unified source of truth. Multi-dimensional monitoring, alerts, and AI-powered analytics ensure real-time visibility, consistency, and intelligent decision-making across the supply chain.

Processes Covered by sedApta

Tactical Planning



Operational Planning



Execution



AI-Infused Orchestrated Platform

The Power of AI & Orchestration: Real-Time Collaboration & Decision Intelligence

Process Orchestration & Execution

sedApta synchronizes people, data, and tasks, ensuring seamless collaboration and aligned workflows.

Composable & Scalable Supply Chain Platform

sedApta is a modular, scalable platform that optimizes the entire supply chain, seamlessly integrating with existing systems.



End-to-End Supply Chain Visibility

From isolated data to a connected ecosystem: a single platform ensuring full supply chain transparency, real-time insights, and proactive decision-making.

AI-Powered Virtual Manager

Lumi: the next-gen supply chain copilot, an intelligent assistant that connects processes, offers smart recommendations, and guides decision-making.

Meet Lumi, the sedApta Virtual Manager

Lumi is an AI-powered virtual manager designed to enhance visibility, decision-making, and operational efficiency across all supply chain processes. Integrated within all sedApta modules, Lumi provides critical insights, intelligent recommendations, and natural interactions with supply chain data.

- **AI-Driven Insights & Decision Support**

Analyzes data in real time to provide context-aware insights and proactive suggestions, helping to identify risks, opportunities, and optimization areas.

- **Virtual Copilot for Efficiency & Responsiveness**

Allows natural language interactions to quickly retrieve data, analytics, and key metrics, offering unsolicited insights when relevant.

- **Operational Assistance & Smart Actions**

Suggests data-driven actions and automates repetitive tasks, reducing manual effort and accelerating response times.



Business impact

Increased Supply Chain Resilience

React faster to disruptions and demand variability. sedApta DDM+ continuously analyzes supply chain conditions, providing proactive adjustments to maintain stability and performance.

Cost Optimization

Maximize operational efficiency while reducing unnecessary costs. By optimizing inventory, improving planning, and streamlining workflows, companies can enhance overall profitability without compromising service levels.

Faster Deliveries Unmatched Service Excellence

From fragmented flows to a seamlessly synchronized supply chain. sedApta DDM+ ensures real-time alignment between demand, inventory, and production, eliminating bottlenecks and accelerating material movement. This leads to shorter lead times, on-time deliveries, and an enhanced customer experience through greater reliability and responsiveness.

Business Scalability & Growth Enablement

Empower companies to scale with confidence. By enhancing agility, efficiency, and decision-making, sedApta DDM+ supports sustainable business growth, enabling organizations to expand without increasing complexity.

Sustainability & Esg Compliance

AI-infused sustainability capabilities help businesses reduce carbon footprint, minimize waste, and align with ESG regulations, turning compliance into a competitive advantage while maintaining profitability.

Increased Supply Chain Resilience

Use case:



Thanks to sedApta's solutions, the company significantly enhanced its supply chain resilience, enabling faster adaptation to disruptions and improved operational stability.

At the end of the project, the company gained greater visibility, real-time monitoring, and proactive decision-making, ensuring seamless process execution and a more robust supply chain.



Cost Optimization

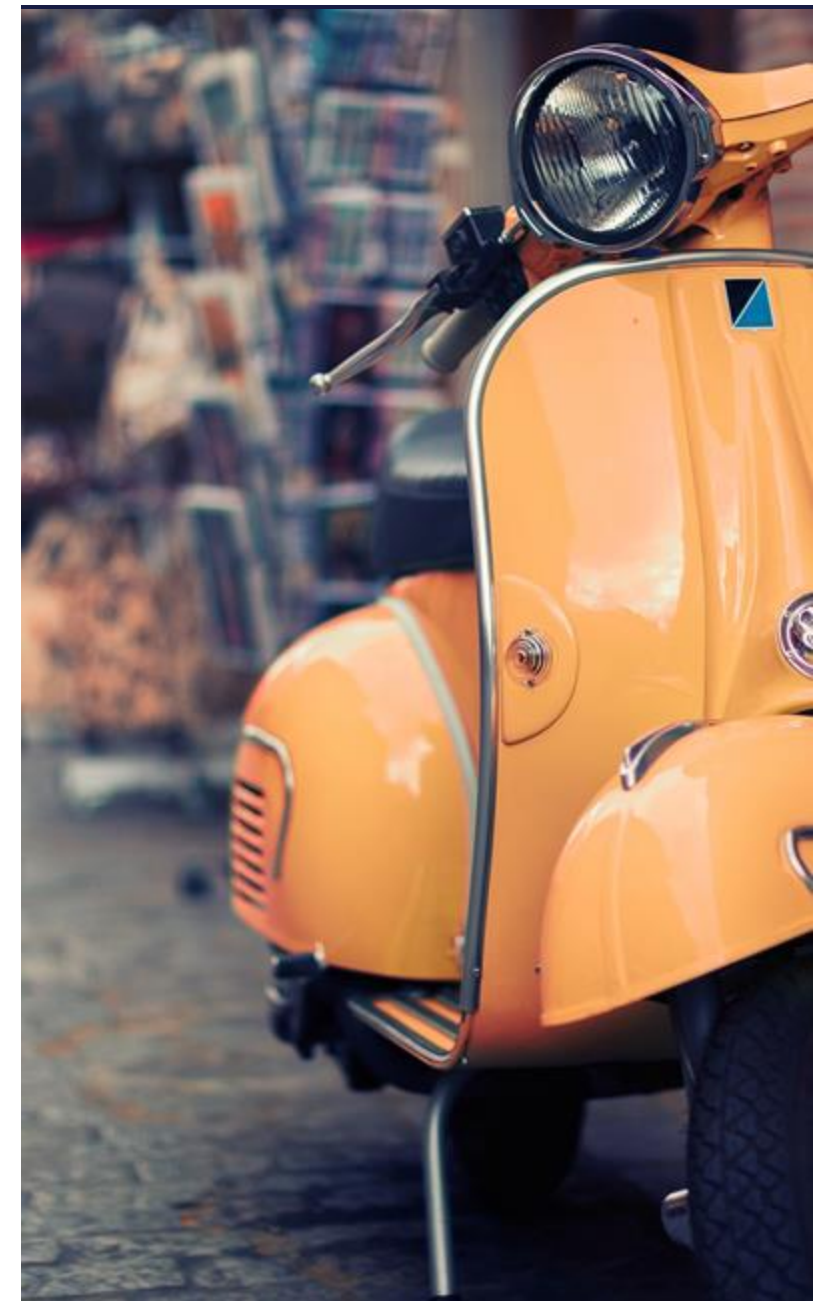
Use case:



sedApta implemented for Piaggio a solution that solved the issue of complex multi-level and multi-plant planning.

The finite capacity planning of the plant vehicles determines a tracking plan for the motor drives / machining and for the material suppliers

This synchronization allows a general reduction of the stock and a better use of productive resources



Optimization of Pharmaceutical Production

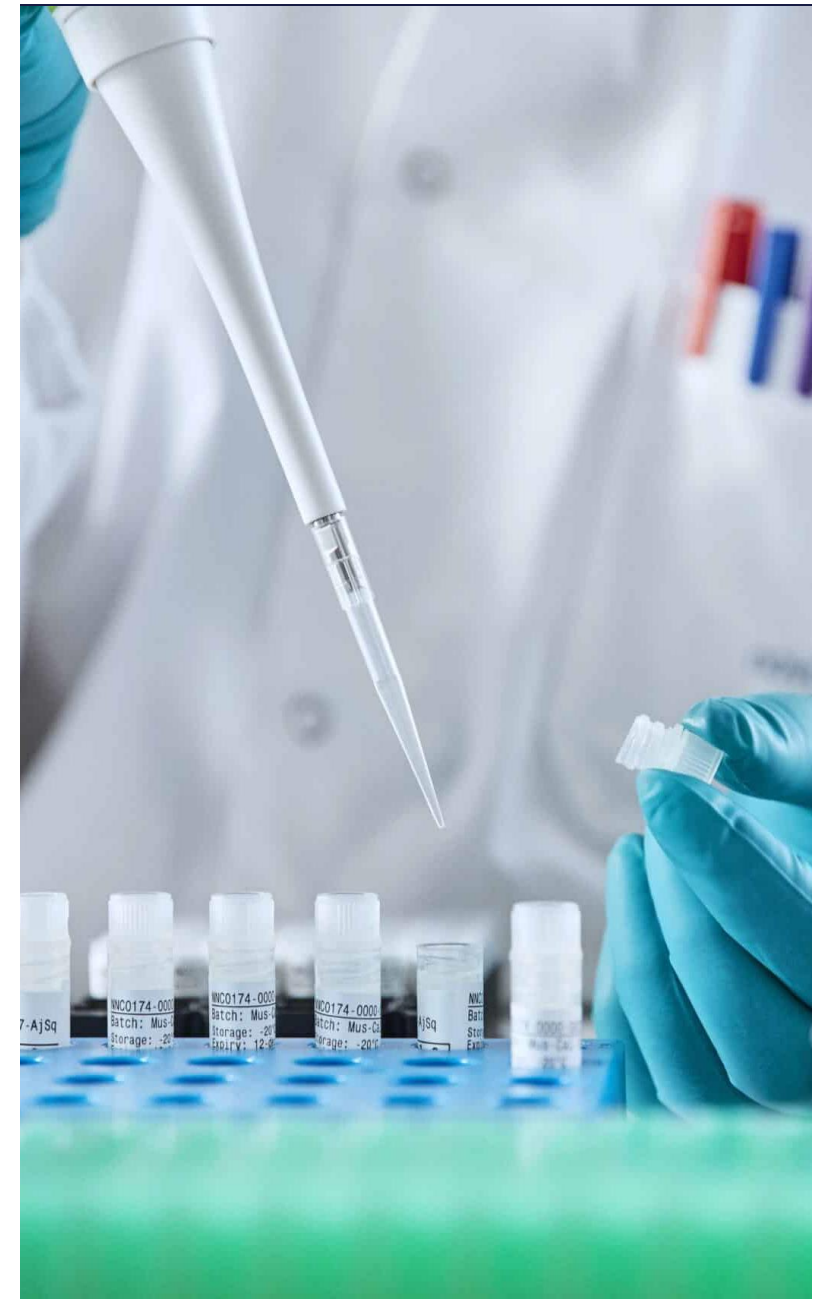
Use case:



Novo Nordisk collaborated with sedApta to enhance operational efficiency through the adoption of an integrated MES and Production Scheduling solution.

This project enabled Novo Nordisk to achieve a new level of operational excellence by optimizing production processes and improving supply chain management.

The implemented solution led to significant improvements in terms of precision, speed, and reliability of operations, helping the company stay at the forefront of the pharmaceutical industry.



Growth Strategy



Global expansion and geographical coverage

Expanding operations into new markets with the confidence of relying on a global partner with existing infrastructure.



Local Support

Expanding operations into new markets with the confidence of relying on a global partner with existing infrastructure.



Expanded product portfolio

This acquisition enhances our ability to deliver more comprehensive solutions and exceptional service to our diverse clientele.

Partner Network



Vision Forward



Supply Chain Digital Twin

Advanced predictive simulations that allow companies to test scenarios and optimize decisions before implementing them in the real world.



Autonomous Supply Chain

A vision where the supply chain self-regulates, self-adapts, and continuously learns



Supply Chain Agents

Expanding on the concept of Lumi Agents (Demand Agent, Supply Agent, Network Agent), the supply chain will be managed by autonomous AI agents that optimize and collaborate in real time.



AI-driven Sustainability

AI does not just support sustainability but actively guides optimal decisions to reduce environmental impact while maintaining efficiency and profitability.

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