LOGIPHARMA EUROPE 2026

AGENTIC ORCHESTRATION MASTERCLASS SUMMARY

A NEW AGENTIC WORKFORCE MODEL FOR PERFORMING AND EXECUTING WORK ACROSS THE END-TO-END SUPPLY NETWORK

Defining the job profiles for governed, agentic teammates to execute processes across manufacturing, commerce, logistics, and transportation

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NETWORK FOR GREATER GOOD

Insights on Designing Governed AI Agents

During TraceLink's LogiPharma Europe 2026 Masterclass on Agentic Business Networks, we invited participants to define their own AI agents—and they delivered. This report summarizes the survey insights gathered during that workshop, capturing the diversity of ideas across manufacturing, commerce, logistics, and transportation processes.

The wide range of responses highlights both the breadth of today's multienterprise supply chain processes and the opportunities to leverage governed AI to intelligently automate many rigid, manual workflows that still dominate the industry.

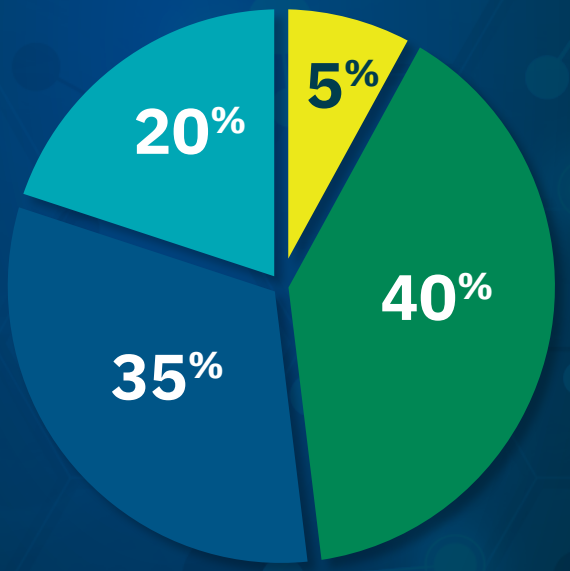
Most importantly, their submissions demonstrate the practical potential of governed AI agents—defined through clear intent, objectives, tasks, decisions, and rules to create high-level "job descriptions"—to operate as digital teammates within an Agentic Business Network, unlocking measurable gains in productivity, agility, and performance.

Keep reading to see for yourself some of the supply chain AI agents created using TraceLink's IOTDR framework—and how easily structured intent can translate into potential high-impact execution opportunities.

What distinguishes these agents is not just their ability to execute tasks, but their ability to perform work—evaluating context, applying rules, and making decisions to achieve a defined outcome. This is what enables them to operate as true digital teammates across the supply network.

Agentic Use Cases Across the Supply Chain

In just 15 minutes, participants designed a wide spectrum of agentic use cases across manufacturing, commerce, logistics, and transportation—highlighting how agentic orchestration can create value throughout the entire supply network.



Manufacturing Orchestration

Logistics Orchestration

Commerce Orchestration

Transportation Orchestration

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Production Schedule Material Readiness Agent

MANUFACTURING ORCHESTRATION

Governs real-world material constraints and production feasibility

This agent performs work by evaluating material readiness and production feasibility, then executes actions to confirm or adjust production schedules.

INTENT

Validate raw and packaging material (RPM) availability to ensure short-term production schedules are realistic and executable.

OBJECTIVE

Ensure the upcoming production plan aligns with on-hand material availability and can be executed without disruption.

TASKS

- Review RPM inventory levels against requirements for the next week's detailed production schedule.
- Compare planned production quantities with available raw and packaging materials.
- Assess material coverage percentage for each production order.

DECISIONS

- Confirm production orders when required materials are sufficiently available.
- Flag production orders at risk when material availability falls below defined coverage thresholds.

RULES

- Do not confirm production orders unless at least 90% of required materials are available.
- Ensure a minimum of 60–70% of the total weekly schedule is materially covered before confirming overall schedule feasibility.

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Order Validation & Fulfillment Agent

COMMERCE ORCHESTRATION

Replaces constant back-and-forth across commercial, supply, and customer teams

This agent performs work by balancing supply, policy, and customer requirements, then executes actions to approve, adjust, or reject orders.

INTENT

Validate and manage the order fulfillment process to balance supply and demand, while maintaining policy compliance.

OBJECTIVE

Maximize cost efficiency, regulatory compliance, and customer satisfaction.

TASKS

- Validate incoming orders against available supply, allocation rules, and fulfillment priorities.
- Review product attributes, customer credit status, and applicable service agreements prior to order allocation.
- Cross-check inventory availability and committed delivery timelines.

DECISIONS

- Approve, adjust, or reject orders based on supply, policy, and customer constraints.
- Escalate fulfillment exceptions or constraints to a human decision-maker when required.

RULES

- Do not exceed approved credit limits, available supply, or confirmed lead times.
- Require human approval for expedited shipping or exceptions that impact cost or service levels.
- Enforce contractual and regulatory requirements for all transactions.

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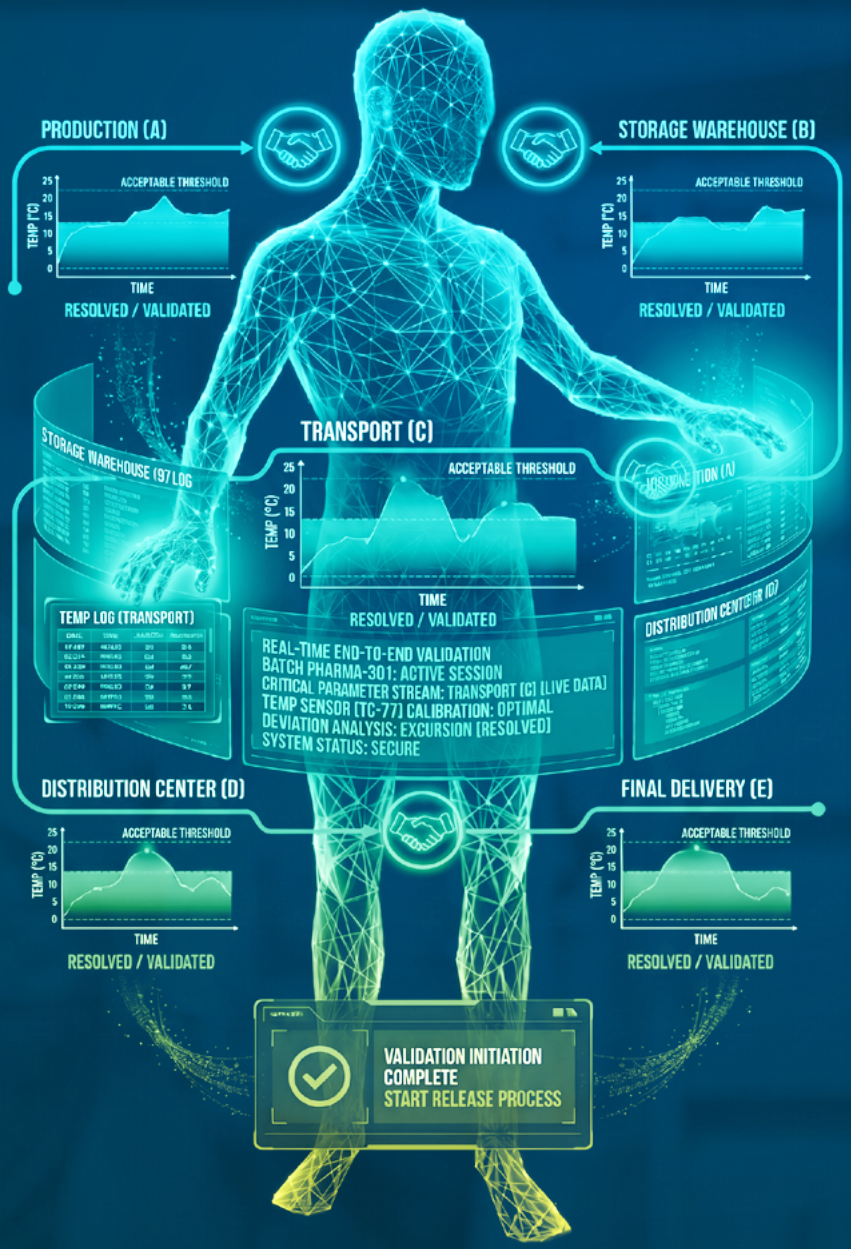
Product Release Agent

LOGISTICS ORCHESTRATION

AI operating within strict regulatory guardrails—without compromising speed

This agent performs work by validating end-to-end product conditions and compliance, then executes actions to approve or block product release.



INTENT

Validate end-to-end temperature exposure across the supply chain to ensure product safety prior to release.

OBJECTIVE

Maximize automated release decisions while maintaining strict quality and compliance standards.

TASKS

- Collect and aggregate temperature data from sensor networks across storage and transportation nodes.
- Compare recorded temperature exposure against approved stability thresholds and product specifications.
- Validate the completeness and integrity of shipment and handling data.

DECISIONS

- Approve product release when all conditions meet the defined criteria.
- Block release if thresholds are exceeded or data is incomplete.
- Escalate to quality for further investigation when required.

RULES

- Do not release the product unless all safety, stability, and compliance requirements are fully met.
- Escalate any incomplete, missing, or out-of-threshold data for human review.
- Ensure all decisions are traceable and audit-ready.

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Resilient Transportation Builder Agent

TRANSPORTATION ORCHESTRATION

Shifts teams from reacting to disruptions → proactively preventing them

This agent performs work by assessing delivery risk and network conditions, then executes actions to mitigate disruptions and protect service levels.

INTENT

Continuously assess delivery risk and proactively mitigate disruptions across the supply chain.

OBJECTIVE

Maximize on-time, in-full (OTIF) performance while reducing delivery risk.

TASKS

- Monitor committed delivery dates and shipment milestones across partners.
- Analyze internal operational data alongside external partner data to identify risk signals.
- Detect early indicators of delays or disruptions across the network.

DECISIONS

- Determine whether delivery risks exist within a defined forward-looking window.
- Trigger exception analysis and recommend mitigation actions for any predicted delays.
- Escalate high-risk scenarios based on severity and service-level thresholds.

RULES

- Base all risk assessments on validated internal and partner data sources.
- Focus predictive analysis on the upcoming two-week delivery window (e.g., next 1-2 weeks).
- Escalate high-risk exceptions according to predefined service and priority thresholds.

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Additional Agent Use Cases

The agents highlighted in this summary represent only a small sample of what attendees designed during our agentic masterclass at LogiPharma. Below is a list of the additional processes against which agent concepts were envisioned during the session.

- Supply Chain Scenario & Demand Forecast
- Forecasting Model Review
- Jurisdictional Planning
- Realistic Lead Time
- Order Evaluation vs Warehouse Capacity
- Order Entry & Transportation Check
- Order Acceptance & Processing
- External Manufacturing Coordination
- OEE Reporting & Optimization
- Logistics Procurement
- Transport Optimization
- Regulatory Affairs
- Acceptance & Compliance
- Supply Chain Resilience
- ODM Coordination
- Test & Validation

FROM INSIGHT TO EXECUTION

Design Your First Governed AI Agent for the Supply Network

The masterclass made one thing clear: supply chain leaders see the opportunity to move beyond manual workflows and disconnected systems.

Across manufacturing, commerce, logistics, and transportation, the agents attendees defined show how structured, governed AI can operate as a true digital teammate—driving measurable improvements in productivity, service levels, and operational performance.

TraceLink's OPUS Agents are purpose-built for this reality.

Designed using the IOTDR framework and executed on a network-native data foundation, they operate with full governance, auditability, and human oversight—enabling faster decisions, fewer manual exceptions, and coordinated execution across your supply chain.

OPUS Agents perform work across the network by reasoning over real-time data and policies, then executing the steps required to drive coordinated outcomes. Now the opportunity is to move from concept to deployment.

Let's Design Your First Agent Together

The agents envisioned during the Masterclass demonstrate what's possible when governed AI is applied to regulated, multienterprise supply chain networks. But moving from concept to production requires thoughtful design, process alignment, and the right digital foundation.

We are partnering closely with a select group of organizations to co-design agent profiles, validate digitalization requirements, and ensure the necessary data, governance, and operating models are in place. This collaborative working phase—the **OPUS Agents Exclusive Access Program**—is focused on building real, scalable value together.

Whether you want to:

- Refine an idea from the workshop
- Identify high-impact, policy-driven use cases
- Or explore what your environment needs to take its first steps to deploy AI agents

Apply for the OPUS Agents Exclusive Access Program

APPLY NOW

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