

Orchestrator

Turning Signals into Decisions

In dynamic logistics environments, the operational relevance of information can change within moments. A delayed material flow, a shift in order priorities, a system disruption, or a delay in shipping rarely occurs in isolation. Each of these factors directly affects adjacent process steps.

Visibility alone does not trigger decisions. Only when information is evaluated in context does it become a reliable basis for action in ongoing operations.

The EPG AURA Orchestrator is designed to address exactly this point. As a decision and control layer within EPG AURA, it evaluates operational signals in their process context, identifies where action is required, and supports the derivation of concrete decisions or next steps.

Evaluating Operational Context in Real Time

The Orchestrator connects events, system states, and process information from multiple sources and interprets them within their operational context. This is not just about aggregating data, but about understanding how that data relates to what is actually happening in the process.

For example, delays in material flow, shifting order priorities, or deviations in processing are not viewed in isolation, but evaluated in relation to adjacent processes. Only through this contextual linkage does it become clear what impact a single event has on downstream operations and where concrete action is required.

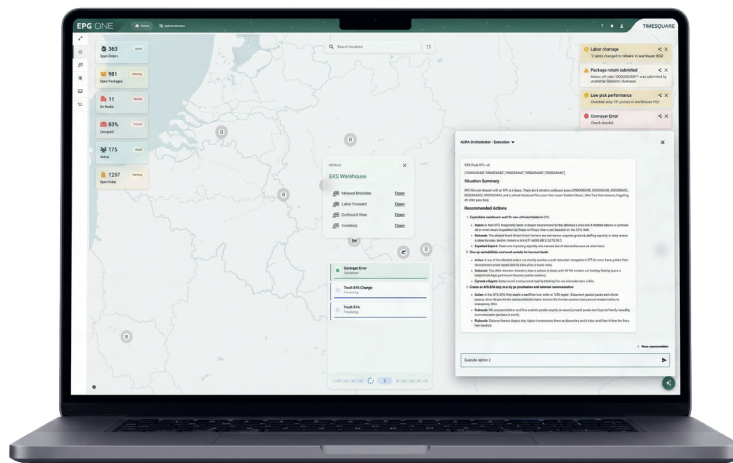
The Orchestrator adds an additional layer of evaluation that goes beyond simple status information. Instead of only showing what has happened, it reveals what becomes relevant next and which actions make sense within the current operational context. Especially in highly dynamic environments, this creates a decisive advantage: decisions can be made not only faster, but with greater confidence, as they are based on a consolidated and contextualized view of the overall operational situation.

Key Benefits at a Glance

- ✓ Evaluate operational events in context
- ✓ Identify required actions earlier
- ✓ Support decisions based on current process conditions
- ✓ Consider interdependencies between processes
- ✓ Reduce response times in case of deviations
- ✓ Extend existing control mechanisms in a targeted way

Typical Operational Use Cases

- Prioritization during process deviations**
 When multiple events occur at the same time, the Orchestrator supports operational prioritization.
- Support in bottleneck situations**
 Delays or missing resources are identified early and assessed in the process context.
- Dynamic decision support in day-to-day operations**
 Operational priorities can be adjusted based on current process conditions.
- Linking distributed process signals**
 Information from different areas is interpreted together.
- Enhancing existing control systems**
 Existing systems are extended with context-based decision logic.
- Foundation for further automation**
 Decision logic can be gradually integrated into operational processes.



Augmented & Autonomous Integration

The AURA Orchestrator can be classified into two automation stages of intelligent decision-making and execution: Augmented Orchestration and Autonomous Orchestration.

With Augmented Orchestration, the system supports operational teams with exactly the information they need to make better decisions during ongoing logistics processes. Priorities become more transparent, dependencies more visible, and coordination easier to manage, while humans remain part of the decision-making process.

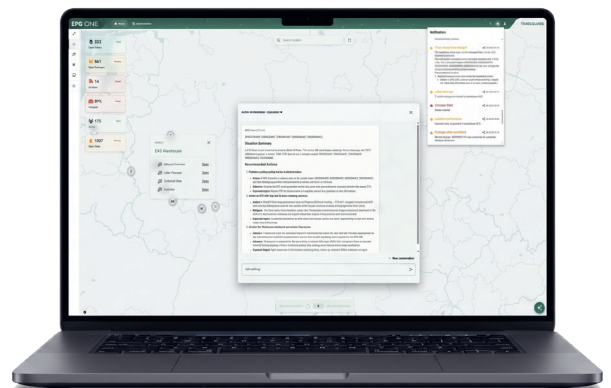
Autonomous Orchestration goes one step further. Here, selected processes are automatically coordinated based on real-time information and defined operational logic. Once conditions, priorities, and decision rules have been established, relevant information can not only be provided, but also translated directly into concrete execution steps.

As a result, integration evolves from a purely technical system connection into process-oriented operational control. The AURA Orchestrator reduces coordination effort, accelerates responses to new requirements, and creates an integration structure that can continue to evolve in a standardized, flexible, and scalable way.

Extending Existing Systems in a Targeted Way

The Orchestrator does not replace existing operational control systems. It extends them with an additional layer of evaluation and prioritization.

Warehouse management, material flow, and transport systems continue to provide the operational foundation and execute processes. The Orchestrator builds on top of them and connects information across domains into a broader operational picture. In complex environments, this creates a clear advantage. Decisions can be validated faster because interdependencies become visible earlier, and priorities are assessed across the entire process landscape rather than within isolated systems.



Get Started Now

Ideal for companies that want to make faster, more reliable operational decisions, evaluate process signals more intelligently, and extend existing control systems with context-driven decision logic.



EPG AT A GLANCE: POWERING LOGISTICS EXCELLENCE

EPG is a leading international provider of a comprehensive supply chain execution suite (EPG ONE™) and employs 1000+ people in 23 locations across the globe. The group of companies offers its more than 1,600 customers WMS, WCS, WFM, TMS and voice solutions for optimizing logistics processes – from manual to fully automated logistics environments.

EPG's solutions cover the entire supply chain: from warehouse and road to ground and cargo handling solutions at airports. Logistics consulting, cloud services, managed services, and logistics training in the company's own academy round off EPG's comprehensive range of solutions.



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1,600 CUSTOMERS**

ON ALL CONTINENTS WORLDWIDE



>1,000

**EMPLOYEES WITH
DEEP LOGISTICS
KNOWLEDGE AND
INDUSTRY EXPERTISE**

OUR SOLUTIONS
ARE AVAILABLE IN
60+ LANGUAGES



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ANDROID DEVICES

35+ YEARS
LOGISTICS EXPERIENCE



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