



**changr**®.compile IN ACTION

Transforming Bendalis' Supply Chain

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# COMPANY OVERVIEW & CHALLENGES

## ABOUT BENDALIS

Bendalis is a leading pharmaceutical company based in Oberhaching, Germany, specializing in the development and promotion of generic and niche oncology products. As part of Lyomark Pharma, Bendalis serves a wide network of hospitals, pharmacies, and whole-

salers. With a strong international presence, the company ensures that its critical oncology products reach patients worldwide through a complex multi-parcel shipment system, requiring precise monitoring across different routes and regulatory landscapes.



## CHALLENGES IN TEMPERATURE- CONTROLLED LOGISTICS

**Strict regulatory compliance:** Oncology products require 2-8°C or 15-25°C conditions.

**Lack of real-time visibility:** Traditional USB loggers only provided post-shipment data.

**Manual monitoring process:** Difficulties tracking shipments across multiple locations.

**Single-use loggers:** Inefficient, unsustainable, and costly for long-term operations.

**Global multi-parcel shipments:** The need for precise temperature control across diverse international routes and varying supply chain conditions.



# THE CHAINGR®.COMPILE SOLUTION



## HOW CHAINGR®.COMPILE ADDRESSES BENDALIS' NEEDS

### 1. End-to-End Visibility: Real-time & Offline Hybrid Monitoring

- Real-time tracking allows live location and precise temperature insights, eliminating delayed awareness of temperature excursions.
- Instant alerts ensure proactive intervention, securing supply chain integrity even for multi-parcel shipments.
- Granular pallet-level monitoring maintains product integrity throughout transit and storage.

### 2. Seamless Data Integration & Compliance

- A secure cloud platform centralizes all shipment data, simplifying compliance and regulatory adherence.
- Automated compliance reports reduce administrative workload and ensure audit readiness.
- Real-time access to live and historical data eliminates fragmented documentation and enhances reporting speed.

### 3. Easy Deployment & Integration

- The solution integrates seamlessly into Bendalis' operations without requiring specific IT resources, allowing for quick and effortless deployment.
- All team members are onboarded and trained on the cloud-based platform, ensuring smooth adoption and confident usage.
- Devices are pre-configured to Bendalis' specific requirements, removing complexity and allowing instant operation.
- A dedicated support team is available daily to assist with any queries, ensuring continuous operational efficiency.

# PROCESS TRANSFORMATION WITH CHAINGR®.COMPILE

WITHOUT CHAINGR®.COMPILE	WITH CHAINGR®.COMPILE
Limited visibility (USB loggers provide only post-shipment data)	Real-time tracking with alerts on temperature, shock & location, benefiting Quality Managers with proactive risk mitigation.
Manual interventions required to check shipment status	Automated compliance reporting & predictive alerts, allowing Quality & Regulatory teams to access audit-ready data effortlessly.
Single-use devices, leading to waste and inefficiencies	Sustainable, reusable rental model with calibration assurance, supporting Purchasing teams with cost-effective inventory planning.
High costs due to product loss	Lower product loss & operational efficiency, providing Logistics teams with precise shipment control and minimizing disruptions.
Delayed response to temperature excursions	Immediate corrective actions to prevent spoilage, ensuring IT teams manage real-time system integrations seamlessly and enhance data flow security.
No trained team to manage tracking & compliance	Comprehensive onboarding and personalized training ensure every team member understands and utilizes the solution effectively.
No structured IT process to manage shipments	No IT resources required, chaingr compile seamlessly integrates and is fully operational in one day.

## HOW CHAINGR®.COMPILE TRANSFORMS YOUR BUSINESS

**For Quality & Compliance Teams:**

Gain real-time access to compliance reports and ensure full regulatory adherence. Prevent excursions with instant notifications and risk mitigation strategies.

**For Purchasing Teams:**


Reduce waste and logistics costs by implementing a more efficient and sustainable tracking approach. Optimize procurement planning with reliable, reusable tracking solutions.

**For IT & Digital Teams:**

Benefit from a fully integrated, cloud-based solution without needing extra IT infrastructure. Ensure secure data centralization and API-driven reporting.

**For Logistics & Supply Chain Teams:**

Increase efficiency with automated tracking and monitoring tools. Reduce transit risks and improve shipment reliability with proactive alerts.



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