THE INSTITUTE - Executive AI

Q4 2024 Factory Reservation & Procurement Report

Location: Central Production Facility, Lyon, France

Reporting Period: October 1 – December 31, 2024

1. Overview

The Central Production Facility maintained operational stability throughout Q4, with a 97.6% uptime. Several new AI-optimized components were introduced into the assembly pipeline. Procurement activity focused on sensor modules, edge processors, and high-throughput cooling systems.

2. Materials Ordered (Q4 2024)

| Item | Quantity | Supplier | Cost (USD) | Delivery Date |
|--------------------------|----------|---------------------|------------|----------------------|
| LIDAR Sensor Units | 150 | NovaOptics | 45,000 | Nov 12, 2024 |
| Edge AI Processors | 120 | NeuralSilicon Ltd. | 96,000 | Oct 29, 2024 |
| Liquid Cooling Systems | 30 | CryoFlow Industries | 60,000 | Dec 5, 2024 |
| Optical Calibration Kits | 75 | PreciseTech | 18,750 | Nov 20, 2024 |
| Thermal Interface Pads | 500 | HeatLogic | 12,500 | Oct 10, 2024 |
| Cleanroom Gloves | 15,000 | MedSafe Supplies | 6,300 | Rolling (weekly) |
| Aluminum Mount Frames | 80 | BuildCore | 22,400 | Dec 12, 2024 |