

Mission Critical Logistics Readiness Checklist

Key logistical considerations for Hyperscale OEMs

Transportation and logistics are the connective tissue between your factory floor and the hyperscale site. Get it right, and your project runs smoothly. Get it wrong, and even the strongest manufacturing effort can unravel.

Before you launch, make sure no critical detail slips through the cracks, because small oversights can derail timelines, inflate budgets, and jeopardize contracts.

This checklist distills the must-know logistics considerations for manufacturers of mission-critical components destined for hyperscale projects.



View the Checklist [↗](#)

Phase 1:

Logistics Request for Proposal (RFP)

Design Transportation Scope

- Document component dimensions, weights, and design files
- Outline shipment quantities, cadence, and delivery timelines
- Handling Requirements: loading/unloading procedures, securing instructions
- Clarify project goals and delivery objectives

Short-List Logistics Providers

- Vet logistics professionals with direct hyperscale experience
- Limit the proposal to 2-4 trusted providers to reduce complexity

Award Contracts

- Lock in contracts early to allow time for adequate planning and resource allocation
- Single-Source when possible to streamline accountability and communication

Phase 2:

Transport Readiness

Route Survey

- Require a professional route survey with full documentation and risk assessment

Permit Planning

- Review the detailed permit plan from your logistics provider
- Confirm timelines for submission, approval, and execution

Trailer and Equipment Allocation Schedule

- Obtain a detailed allocation plan for each trailer type to ensure sufficient capacity
- Build in redundancy to handle load volume and contingencies

Driver Pool Assignments

- Review the driver pool plan from your logistics provider

Phase 3:

Pre-Launch

Schedule a Test Shipment

- Practice the loading procedures, strapping and securing processes, and review the product integrity during transit
- Document lessons learned adjust the final logistics plan from lessons learned

Pre-Launch Stakeholder Alignment Meeting

- Arrange a joint call with the critical internal and external stakeholders involved in the logistics plan
- Walk through the entire logistics plan to ensure alignment

Establish Appropriate KPIs

- Determine the key success indicators for the project's desired outcomes
- Set up processes to track, measure and report KPIs

Phase 4:

Project Launch

Deploy On-Site PM Oversight

- Assign both internal and logistics provider PMs to oversee initial launch days
- Monitor loading, scheduling, and real-time execution on-site

Begin Measuring and Reporting KPIs

- Begin measuring against KPIs and reporting key events immediately

Begin Live Events Updates

- Adjust the logistics plan in real time as conditions shift
- Activate contingency plans and optimize based on live feedback

Pursue Continuous Improvement

- Debrief regularly and refine the logistics plan throughout the project
- Optimize for constant improvement in efficiency, communication, and performance