

Hyperscale Construction Coordination Gap Assessment

IDENTIFY VULNERABILITIES BEFORE THEY IMPACT YOUR PROJECT

How to Use This Assessment

Rate each item on a scale of 1-5 based on your current project management approach:

5 / EXCELLENT	4 / GOOD	3 / AVERAGE	2 / POOR	1 / CRITICAL
Fully implemented with documented processes	Mostly implemented with minor gaps	Partially implemented, needs improvement	Minimal implementation, significant gaps	Not implemented, major vulnerability

Schedule Risk Coordination

1. TRADE HANDOFF PLANNING	SCORE / 1—5
Do you have documented handoff procedures between MEP rough-in and finish phases that all trades understand and follow?	
2. CRITICAL PATH INTEGRATION	
Are commissioning requirements integrated into your critical path scheduling from project kickoff (not added at the end)?	
3. CROSS-TRADE COMMUNICATION	
Do you have regularly scheduled coordination meetings between all trades during high-risk phases (weekly minimum during critical periods)?	

Safety Risk Coordination

4. MULTI-CONTRACTOR SAFETY PROTOCOLS	
Do you have standardized safety protocols that apply across all contractors, with regular cross-trade safety briefings?	
5. INCIDENT RESPONSE COORDINATION	
Is there a clear protocol for coordinating safety incidents across multiple contractors to minimize site-wide shutdowns?	
6. MEP-SAFETY INTEGRATION	
Do your safety managers understand MEP installation sequences and adjust safety protocols proactively based on work phases?	

Transportation & Site Logistics Risk

7. WORKER MOVEMENT OPTIMIZATION	SCORE / 1—5
Have you analyzed and optimized worker transportation between parking, staging areas, and work locations to minimize walking time?	
8. MATERIAL FLOW COORDINATION	
Are material delivery schedules coordinated with commissioning testing requirements (not just installation timelines)?	
9. SITE LAYOUT EFFICIENCY	
Is your site layout designed to minimize transportation time while maintaining safety and work sequence requirements?	

Commissioning Readiness Risk

10. EARLY COMMISSIONING ENGAGEMENT	
Are commissioning specialists involved during design and installation phases (not just at startup)?	
11. SYSTEMS INTEGRATION TESTING	
Do you conduct systems integration testing throughout construction phases (not just final testing)?	
12. DOCUMENTATION TRACKING	
Is there a real-time system for tracking O&M manuals, as-builts, warranties, and training materials as work progresses?	
13. PERFORMANCE VERIFICATION PLANNING	
Are testing sequences planned and communicated to all trades before they impact the critical path?	

Cross-Functional Coordination

14. INTEGRATED PROJECT TEAM STRUCTURE	
Do you have a single point of accountability for coordinating between safety, logistics, and commissioning functions?	
15. REAL-TIME COMMUNICATION SYSTEMS	
Are there technology platforms that provide real-time visibility of coordination issues across all functions?	

Scoring & Gap Analysis

Total Score

YOU SCORED _____ OUT OF 75 POSSIBLE POINTS

Score Interpretation

75-65 / EXCELLENT Strong coordination approach with minor optimization opportunities	64-55 / GOOD Solid foundation with some coordination gaps to address	54-45 / AVERAGE Moderate gaps that could impact project outcomes	44-35 / POOR Significant coordination vulnerabilities requiring immediate attention	34-15 / CRITICAL Major gaps that pose serious risk to project success
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Priority Action Areas

HIGH PRIORITY Scores 1-2 Address immediately — these gaps pose the highest risk	MEDIUM PRIORITY Scores 3 Improve within 30 days	LOW PRIORITY Scores 4 Optimize when resources allow
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Next Steps

- 1. **Identify your top 3 lowest-scoring categories** for immediate focus
- 2. **Calculate potential cost impact** using the assessment tools from the ebook
- 3. **Develop coordination improvement** plan based on your priority gaps
- 4. **Schedule follow-up assessment** in 90 days to measure improvement

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Need help developing your coordination strategy?

Contact us to discuss how embedded execution can address your specific gaps.

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