



JOB SITE IT READINESS CHECKLIST

A BayPointe Technology Field Guide for 2026 Construction Projects

Project Name: _____ Date: _____

Superintendent: _____ Site ID: _____

PHASE 1: PRE-MOBILIZATION (2 Weeks Prior)

Target: Eliminate technical friction before the trailers arrive.

- [] Carrier Signal Audit: Conduct a site survey for 5G/LTE signal strength. (Identify the best carrier for the specific GPS coordinates).
- [] Hardware Provisioning: Ensure all field tablets and laptops are enrolled in Mobile Device Management (MDM) for remote wiping if lost or stolen.
- [] Power Analysis: Verify trailer power delivery. Ensure a dedicated circuit is available for the IT rack to avoid interference from heavy machinery.
- [] Software Licensing: Confirm all project members (including subs) have active seats for Procore, Autodesk, or Sage.

PHASE 2: THE DIGITAL TRAILER (Day 1 Setup)

Target: Create a secure, "Always-On" command center.

- [] Primary Connectivity: Install primary ISP (Fiber/Cable).
- [] Redundant Failover: Configure Starlink or 5G backup. (Test: Pull the primary plug to ensure the system switches to backup in <30 seconds).
- [] Managed Wi-Fi: Deploy WPA3-encrypted mesh nodes to cover the entire trailer and immediate outdoor staging area.
- [] The "Dust Shield": Place network switches and NAS drives in a NEMA-rated or filtered enclosure to prevent hardware failure from site debris.
- [] Local Printing: Sync large-format plotters and ensure "Scan-to-Cloud" is mapped for signed site documents.



PHASE 3: FIELD & SECURITY PROTOCOLS

Target: Protect data from the mud to the cloud.

- MFA Enforcement: Verify Multi-Factor Authentication is active on all logins. No "shared" passwords for the site.
- Offline Access: Configure mobile apps for "Offline Mode" so field teams can access BIM models in elevator shafts or basements.
- UPS Installation: Connect all core networking gear to an Uninterruptible Power Supply (UPS) to guard against site power surges and brownouts.
- Cyber-Safety Briefing: Include a 5-minute IT safety talk during the initial site orientation (phishing awareness and device physical security).

PHASE 4: SUPPORT & CONTINUITY

Target: Know who to call when things break.

- Emergency Contact: Post the BayPointe Support QR Code/Phone Number on the trailer door.
- Backup Verification: Run a test restore from the cloud to ensure field data is actually being backed up.
- Success Hand-off: Provide the "Site Tech Map" to the home office IT lead.

NOTES / ISSUES FOUND: