

GRID MANAGEMENT



precisionexpedited.com

Grid hardware from first unit to fleet rollout.

Control enclosures, sensor and meter housings, communication cabinets, and mounting hardware for grid management programs. Precision Expedited sources sheet metal, CNC machining, injection molding, and finishing through a vetted vendor network, with coatings and gasket surfaces sourced to your spec. Technical data is handled under NIST 800-171 compliant controls, and one contact owns the job start to finish.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For grid hardware we check sealing and gasket surfaces, coating callouts for outdoor service, and fastener access for field installation, then plan the move from pilot units to fleet volumes with you.

What We Source

Matched to shops sized for pilot units and fleet runs.

- **Control Enclosures** · Formed, welded, sealed
- **Sensor + Meter Housings** · Machined or molded
- **Communication Cabinets** · Sheet metal, coated
- **Mounting Brackets** · Cut, formed, galvanized
- **Heat Sinks** · Machined aluminum
- **Covers + Bezels** · Engineering resins
- **Panels + Faceplates** · Machined, laser marked
- **Wire Harnesses** · Built to print

Specifications

- **Tolerances:** ± 0.005 " standard, to ± 0.001 " on critical features
- **Materials:** Aluminum, stainless, steel, engineering resins
- **Processes:** Sheet metal, CNC, molding, finishing, assembly
- **Finishes:** Powder coat, anodize, galvanizing, passivation
- **Documentation:** Certs + inspection records, FAI on request
- **Quote review:** Within 24 hours

Before It's Built

Grid hardware is built once and installed hundreds of times, so small drawing choices multiply. We check sealing surfaces, drainage and fastener access for field crews, coating callouts for outdoor service, and which features drive cost at fleet volume. You hear about it before the quote goes out.

Quality + Compliance

ISO 9001:2015

AS9100D Compliant

ITAR Registered

NIST 800-171 Compliant

Tolerances to ± 0.001 "

Inspection before shipment

Domestic sourcing

Built Fast. Built Right.

Send us your files.

Scan or visit precisionexpedited.com/contact

