

PRE-FABRICATION ADVANTAGE



“Pre-fabrication is critical to our business, making us more competitive in a constantly-changing world. Innovative approaches in areas like pre-fab allow us to build high-quality projects faster and safer.”

—TOM SCHOTT,
President & CEO, Cupertino Electric, Inc.

INCREASED EFFICIENCY

Cupertino Electric has one of the most progressive pre-fabrication departments in the electrical contracting industry located at its California-based headquarters office. We produce everything from 3D drawings with isometric assemblies that automatically order material from our site distributor, to hand-designed orders that our field staff is trained to produce. Our rigorous planning process at Cupertino Electric ensures that we maximize efficiency and safety on every project. The comprehensive process we follow includes a constructability review, detailed specification and schedule reviews, general strategy discussions, and delivery and detailed packaging criteria analysis.

We believe our approach to the design and use of pre-fabricated assemblies is our single most competitive tool in today’s marketplace. Our customers continually benefit from the safety, productivity, and material management improvements that we achieve through our innovative pre-fabrication process. These innovative approaches are incorporated into everything we do at Cupertino Electric.

PROGRAM BENEFITS

- Supports an incident and injury-free culture
- Promotes pre-planning and project coordination
- Reduces defects due to prefabricated manufacturing is performed in a controlled environment
- Increases job site productivity by reducing workspace head count
- Creates opportunities for the project team to pull ahead of scheduled tasks
- Keeps material costs relatively lower through inventory management and waste reduction
- Integrates engineered 2D drawings, the 3D BIM model, and pre-fab shop drawings to provide design continuity through job site installation
- Enables effective use of “just in time” deliveries