

Out of the Box Thinking

Rapidly Standing Up a Temporary Facility
to Build 40' Container Units

MANUFACTURING ENGINEERING | FACILITY PLANNING | PRODUCTION LAUNCH



40' CONTAINER UNITS

NEW PRODUCT FLOW



ON TIME AND ON BUDGET

CONTRACT OBLIGATIONS MET



FASTER THAN CUSTOMER COULD ACCEPT

UNITS BUILT AHEAD OF DEMAND



THE SITUATION

The owners landed a multi-million dollar crypto cooling contract built in 40' containers and needed a new product flow to support production.



THE CHALLENGE

The existing facility did not have enough space to build the container units and meet the project timeline.



OUR APPROACH

- Defined the requirements for the container buildout and outfitted a vacant warehouse space 1 mile away.
- Developed a product flow layout to assemble containers in an efficient, assembly-like manner.
- Established material delivery methods and lifting methods for large sub-assemblies.
- Worked closely with the management and manufacturing teams to set priorities and address critical constraints first.



WHY IT WORKED

- We focused on the largest issues and critical constraints first, which helped us quickly unlock secondary improvements.
- Close collaboration with the management and manufacturing teams ensured clear timelines and aligned expectations.
- Our practical, hands-on approach to facility setup, material flow, and assembly methods enabled the team to execute quickly and efficiently.
- This allowed the company to fulfill contract obligations on time and on budget—even while securing a permanent facility across the street.



THE RESULTS

Successful Production Launch

Container units were built and assembled in the temporary facility, fulfilling contract obligations on time and on budget.

Built Ahead of Demand

Units were completed faster than the customer could accept delivery.

Supported Continued Growth

The temporary facility fulfilled its purpose while the owners secured another building across the street from their existing shop.



PROJECT DURATION
3 MONTHS



CUSTOMER ENGAGEMENT
4 YEARS



SERVICES DELIVERED
Manufacturing Engineering | Facility Planning
Production Flow Design | Equipment Integration