



COMNET COMMUNICATIONS

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ComNet's integrity, expertise and ability to turn challenges into profitable growth opportunities is the foundation for our reputation and success in a demanding and changing industry. Our dedication to customer service, our understanding of the most sophisticated technology and our attention to the slightest detail assures that our customers will always be connected to the future.

HYPERSCALE

CLIENT: Fortune 500 Manufacturing Company

VALUE: \$9M+ Project

Overview:

ComNet Communications was engaged to lead the design and installation of a complete copper and fiber cabling infrastructure across an 8-building corporate and manufacturing campus, including the client's privately owned on-site data center. The project involved more than 2 million feet of Category 6A cabling, over 18,000 fiber ports, and installation across 100+ network cabinets. The infrastructure was built to support a highly connected and automated environment, accommodating both current operations and future digital growth.

Challenges:

- The sheer scale of the project presented financial concerns around consistent material and labor flow, particularly as cash flow and procurement timing were top of mind for the end user.
- An accelerated construction timeline compressed material lead times and introduced complexity in coordinating supplier deliveries with on-site construction milestones.
- The need to scale labor rapidly while maintaining craftsmanship and project oversight placed pressure on ComNet's ability to manage multiple crews across a large, active job site.

Solutions:

- ComNet leveraged its financial strength and experience with multimillion-dollar enterprise projects to secure long-lead materials in advance and ensure uninterrupted progress.
- Implemented a forward provisioning strategy, aligning inventory staging and just-in-time deliveries with each phase of the construction schedule. This ensured continuous material availability without overwhelming the site with excess stock.
- Assigned a dedicated project team with experience in high-scale enterprise and data center builds, including specialists in fiber termination, cable management, and structured cabling systems. The team was structured to flex labor resources based on phase demands, ensuring proper workforce distribution without compromising quality.

Results:

ComNet delivered a robust, high-performance network infrastructure on time and within budget. The structured cabling system not only met but exceeded the client's technical and operational expectations. The successful execution of this large-scale project reinforced ComNet's reputation as a reliable partner capable of managing complex deployments across dynamic environments. The client credited ComNet's strong project management, financial stability, and technical expertise as key drivers in the overall success of the installation.

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