



the power of





TELECOMMUNICATIONS NETWORK SERVICES

SERVICES AS COMPLETE AS NEEDS ARE COMPLEX

Equipment manufacturers and network providers alike prefer Quanta Services because it applies an unmatched skilled workforce and extensive equipment resources to deliver unparalleled services, on time and on budget. With Quanta Services, there is no need to hire separate right-of-way acquisition, engineering, environmental, construction, central office and installation firms. Quanta Services manages it all – from inception, to implementation, to ongoing enhancements. The company's A to Z approach and all-encompassing service mix redefines turnkey services in all facets of telecommunications infrastructure.

Quanta takes telecom systems across the nation to the front doorsteps of businesses, buildings, campuses and homes, through fields, mountains, forests and towns large and small. From engineering, route selection, and right-of-way procurement, to installation, testing and product positioning, Quanta's scope of telecommunications network services covers projects from start to finish.

Outside Plant Services

Quanta's expertise in fiber optic and copper outside plant services includes right-of-way acquisition, plant design, permitting, construction drawings, plant installation, cable splicing and maintenance.

Overhead, Quanta handles conventional lashed cable construction and provides solutions for optical ground wire (OPGW) needs. The company's well-trained team can quickly install fiber optic cable on power or utility poles as well as provide all dielectric self-supporting (ADSS) service.

Underground, Quanta installs cable and conduit in and through any surface in any climate, any landscape. The company's primary capabilities include plowing and trenching through various surfaces including difficult rock terrain, horizontal directional drilling under waterways and highways, subaqueous crossings and virtually any other special underground need.

Inside Plant Services

Quanta's inside plant services encompass all elements of network integration from system and plant design, equipment selection and riser installation to horizontal cabling, pathway construction and ongoing maintenance. The company's long history of success enables thorough evaluation and selection of the most appropriate components for inside plant architecture. Combined with the ability to leverage

Consider the advantage of having ONE partner, ONE contractor, ONE supplier for all infrastructure-related activity – whether design, installation, repair or maintenance of systems transmitting voice, data, video, power, natural gas or cable television. Consider the time saved by making only ONE call for project estimates or to enlist emergency restoration support. Consider the economies of scale. Consider the Power of ONE. With operations in all 50 states and Canada and unparalleled expertise, Quanta Services delivers the Power of ONE. Quanta Services is the telecommunications industry's essential solution source.



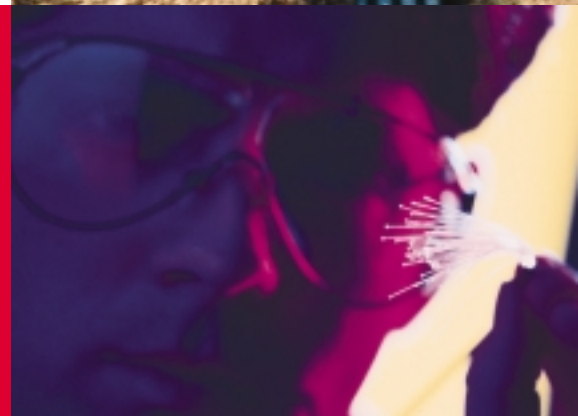
existing relationships with equipment and software vendors, this expertise guarantees seamless integration, whether a single site or multiple sites in various locations.

Central Office

Sticking with the company philosophy, Quanta's central office team repeatedly meets and exceeds the complete engineering, furnish and install (EF&I) needs of its customers with nationwide coverage. Specific services include central office switches, broadband equipment, co-location facilities and test and "turn-up" of communications equipment. Quanta installs equipment designed by the industry's leading manufacturers and holds extensive OEM certifications, enabling quick and accurate installation of virtually any piece of equipment a customer requires.

CONVENIENT, EFFICIENT & COST EFFECTIVE

Service separates Quanta from the competition, but the benefits of partnering with Quanta go far beyond the company's service scope. Quanta's resources enable complete materials and procurement services, so clients don't have to secure equipment, parts or other materials necessary to get the job done. Furthermore, the company's customized service teams are tailored to meet the varied and specific needs of the customer. Whether for a local telco that prefers local labor to reduce costs, or a nationwide company whose needs demand a workforce that can move from state to state – Quanta can provide effective service via mobile or local workforces. The bottom line benefit: a network of unsurpassed talent and resources that enables Quanta to pass economies of scale on to clients. Convenient, efficient and cost effective: that's the Power of ONE. That's the Power of Quanta.



CASE STUDY

QUANTA BUILDS NETWORKS FROM SEA TO SHINING SEA

When a client needed a coast-to-coast data network, they turned to Quanta. The Quanta team started at the eastern edge of California and moved into Arizona, New Mexico and Texas. They then stretched on to New Orleans and continued through the South. The work finally ended in Miami, Florida. From rural fields to the hearts of big cities, Quanta crews installed thousands of miles of conduit and fiber from west to east. For each route, Quanta managed the engineering and permitting, acquired rights of way, and installed conduit, cable and electronics. For other companies, building a data network from one coast to the other would be an ordeal at best. But other companies don't deliver the Power of ONE.



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