

Design Build & Design Assist Services

IT infrastructure design is the efficient application of experience, training and process that results in an effective, forward looking plan for technology deployment.



A Value Base Offering for Tricomm Client / Customers

Tricomm views design build / design assist projects as opportunities to collaborate with clients in the development of technology solutions that will both exceed current requirements and over time, maximize value in IT investment. We recognize that the successful delivery of IT projects is dependent upon a design that incorporates client requirements, schedule compliance, best value product selection and provides tangible long term benefit as both a operation resource and facility asset.



In responding to client design initiatives, Tricomm will draw upon our substantial design, project management, estimating and purchasing experience. The collaborative effort will result in a design contribution that is inclusive of budget considerations, industry defined best practices, forward planning and best serves the clients technology deployment goals.

Services

Project Budgeting

Installation Schedule
Development

Product Evaluation

Project Drawings / Development

Project Coordination

RFP Development

Specification Development

Coordination with Designers,
Consultants and General
Contractors

Project Management

The successful delivery of projects within schedule and within budget is an essential element in a strong client / service provider relationship. Tricomm views Project Management as the tangible representation of the commitments made when work is proposed.

Our Project Managers are Among the Most Experienced in Our Market.

Tricomm recognizes the importance of project management and continually evaluates individual performance as well as structures and processes that support successful, on time and within budget service delivery.

The project manager skill set includes:

- Strong understanding of technology deployed within project
- Focused attention to specifications, drawings and detailed scopes of work.
- Prioritization of project activities
- Effective deployment and utilization of labor
- Effective and timely acquisition of project materials
- Strong communication skills in facing and interacting with the client and client representation
- Strong communications skills in interacting and collaborating with other trades
- Complete understanding of schedules, milestones and completion commitments
- Competitive drive and ownership of assigned projects
- Ability to confidently react to project changes, expansion of scope and compression of schedule

Services

Project Budgets

Defining Project Goals and Milestones

Scope Development

Communication and Reporting

Project Review



Support Services

Tricomm complements its core services with a wide array of technology services to facilities and businesses in all vertical markets. These support services provide clients with essential resources to complete diverse IT projects.



Logistics

- Materials Management
- Best Price Negotiations
- Kitting
- Designated Expediting Team
- Procurement Manager
- Meeting Green / LEED Requirements



Outside Plant

- Multiple Building / Intra Campus Experience
- Aerial and Underground Outside Plant Cable Placement
- Outside Plant Copper, Fiber Optic and AV Cable Solutions
- Lightning Protection
- Aerial and Underground Splicing
- Cable Vault, Manhole and Splice Enclosure Placement



CCTV / Access Control

- Interior and Exterior Camera Mounting and Focusing
- Installation of Common Equipment
- Coordination with CCTV Integrators
- DVR Installation and Maintenance

Service and Maintenance

Successful IT engagements are ultimately measured by the continued relationship between provider and client. Tricomm has an exemplary record of client maintenance and technology service, retaining many of our clients since our inception in 1981.

Responsive. Cost Effective. Consistent.

When it comes to your IT infrastructure, value is measured in responsiveness, cost efficiency and consistent service. In short, a level of competence and trust is established and maintained year-over-year.



The successful completion of an IT project is just the beginning of our relationship with a client. In addition to post project support, Tricomm routinely engages with new clients and provides support of their existing systems.



Ongoing, standards-based repair, as well as moves, adds and changes (MAC) are essential for all organizations committed to maintaining the value of their installed technology infrastructure.



Tricomm proactively assists clients with planning, problem resolution and new technology deployment.

We also maintain a rapidly deployable group of certified technicians with stocked vehicles and all required tooling and equipment. We offer a variety of service level agreements (SLA) to provide an appropriate level of service for each client.

Services

Moves Adds and Changes (MAC)

Service and Repair

On Site Support

Rack and Stack of Network Electronics

Structured Service Level Agreements (SLA's)

Infrastructure Audits and Commissioning

Infrastructure Warranty Support

Performance Testing

Documentation Development

Infrastructure Expansions and Contractions

Organizational Relocation Support

Wire Management / Patching Solutions

Structured Cabling

“The continual migration to networks supporting higher data rates necessitates excellence in the installation of structured cabling components.”

Tricomm Provides High Quality IT Technology Services

Structured cabling solutions has been Tricomm's core service offering since incorporation in 1981. Since that time our organization has completed thousands of IT cabling projects in diverse environments.

We pride ourselves on the depth of experience and longevity we



have achieved within our market. We believe our personnel are among the most experienced structured cabling professionals in the industry.



As demand calls for high speed data networks, Tricomm has acquired the associated training and experience to install the high performance copper, single mode and multimode fiber optic solutions.



We have technicians certified in virtually all structured cabling product solutions and as such can offer extended manufacture warranties for each product offering.

We hold long established, expert relationships with product manufacturers, manufacturer representatives and product distributors which enable us to implement expedited material shipping, product staging, kitting and other services.

Services

Unshielded and Shielded
Performance Cable

Backbone Cabling

Coaxial CCTV, CATV Cabling

Single and Multi-Mode Fiber
Optic Assemblies

Fiber Optic Innerduct

Blown in Fiber Optic Solutions

Fiber Optic Enclosures and
Panels

Equipment Cabinets and Racks

Cable Conveyance (Cable Tray,
Ladder Rack, J Hooks)

Standard Based Testing,
Labeling and Documentation

Project Budget Development

Cable Infrastructure
Commissioning

Telephony / Voice Solutions

As an Avaya Business Partner Tricomm can offer best in class products in both traditional and VOIP network solutions.

Tricomm recognizes the importance of offering a variety of systems for clients drawn to both VOIP technology as well as traditional, economical systems.



The VOIP product offering supports scalable cost effective solutions within an industry standard network topography. VOIP solutions can evolve in parallel with an organization's growth; changing from a small system to one supporting hundreds of users.



The modular design preserves the initial equipment investment while allowing for easily installed expansion modules.



Since incorporation Tricomm has installed hundreds of systems as both a prime and subcontract service provider. We have worked with telephony system suppliers and interconnect companies to implement large PBX, Centrex and (VOIP) based systems.

Tricomm provides ongoing service and support for our telephony clients. Service agreements range from non-defined as needed response to scheduled on-site support. Most systems are remotely accessible and our trained technician and sales support personnel can resolve many service issues very quickly without technician deployment.

Services

System Design

System Installation

Service of Existing Systems

Move Adds & Changes (MAC)
for Existing Systems

Remote Provisioning

Disaster Recovery

Software Upgrades

System Cabling

Telephone Instrument
Placement & Labeling

System Testing and
Commissioning

System Relocation

AVAYA

BUSINESSPARTNER

Wireless

Our technical staff collaborates with wireless integration and engineering professionals to ensure solutions presented to our clients are representative of best in class wireless options.

Make the Right Wireless Choices

Wireless technology and associated products are significant and conspicuous components of an organization's IT assets. As more



wireless devices, appliances and systems continue to emerge, the proper design and deployment of wireless infrastructure is increasingly important.



Tricomm project managers and technicians have extensive experience in DAS, antenna placement and wireless system cabling. As a communications contractor, Tricomm has extensive experience with multiple systems that continue to converge on common networking platforms.



Tricomm continually pursues training to insure that our estimators, technician and project management teams are properly prepared to deliver consistent, excellent service across all deployed technologies.

Services

Environmental Wireless Assessment

Wireless System Cabling

Antenna Placement

Distributed Antenna Systems (DAS)

Data Center Buildout

Tricomm has substantial, ongoing experience installing IT infrastructure within data centers. This history includes hundreds of projects with several multi-million dollar, high profile, condensed schedule, installations. Many projects delivered within stringent, tier 4 environments.

Mission Critical Environments Demand the Right IT Infrastructure.



Tricomm is a premiere contractor with exceptional datacenter experience from design to deployment and on-site support. Our team of professionals have experience in both co-location and managed facilities in the most significant data centers in the world.



Tricomm provides the end-to-end planning, advisory and implementation skills required for vital data center applications. These include design, installation, management, network support, technology migration / refreshments and disaster recovery and contingency planning. As experts in the infrastructure of Data Centers and Co-Location facilities, we provide the sophisticated guidance businesses and organizations need for their modern day data center needs.



Data Center Services

- Equipment Cabinet and Rack Placement
- Overhead and Under Floor Cable Tray / Ladder Rack Installation
- Wire Management Installation (Vertical / Horizontal, Drop Outs)
- Inter Cabinet & Rack Copper Cabling
- Inter Cabinet & Rack Fiber Trunk Installation
- Active Equipment Placement and Turn-Up
- Testing
- Labeling
- As Build Drawings

Co-Location / Managed Designs

- Facility Site Surveys and Selection
- Facility Layout and Design
- RCDD Designed Cabling and Installation
- Overhead Ladder Racking and Tray
- Raised Floor Installation
- Installation/Demo of Equipment
- Certification & Testing

Audio Visual

AV systems are essential assets within an organization's IT infrastructure. They allow for the reinforcement of branding, efficient distribution of information and promotion of a company's professionalism, culture and values. Tricomm can help you make wise, future oriented AV choices.

Realize Business Efficiency & Impact with Progressive AV Systems



Audio Visual (AV) is a significant component of current building technology systems. Tricomm has, since 1981, installed AV within diverse spaces including meeting rooms, conference centers, classrooms, fitness facilities, informal meeting areas and building common areas.



The convergence of diverse building technology systems on to common network platforms has enabled Tricomm to incorporate AV as an economy of scale solution within environments implementing multiple technology systems at the same time.



Tricomm has functioned as both a sole and collaborative provider of AV solutions. We have worked with many regional AV integrators in the delivery of large, complex AV projects within diverse client spaces.

Services

Overhead Paging & Background Music

Sound Masking

CATV Systems

Wall and Ceiling Mount Projectors, Screens, TV's and Monitors

Podium & Conference Table Cabling

Wired and Wireless Microphones

Common Equipment (Amplification, Switching, Signal Leveling) Installation