Lilker

TSG
TECHNOLOGY SOLUTIONS GROUP

Comprehensive services for integrated data, voice, audio visual and security solutions

IT cabling infrastructure—right-sized to support your voice, data, CATV and public address systems

Every business has unique computing, networking and application tech needs. Let TSG be your partner in developing a total cabling infrastructure solution that fits your business. Together we plan your voice/data/CATV center now—and for the future. At TSG we believe that when a client invests in cabling infrastructure, that infrastructure should be adaptable and expansive enough to handle existing, as well as any new or emerging technology.

Since technology changes so rapidly, your technology cabling infrastructure should be robust enough to handle any new and emerging technologies. Our expertise in cabling infrastructure design will ensure that your infrastructure will meet these demands. And because we are committed to the standards of the Building Industry Consulting Service International (BICSI) organization for copper and fiber optic technology, you can be assured that you're getting the most advanced solution for your needs—today and tomorrow.

Our broad range of technology cabling infrastructure design services includes:

- Technology structured cabling infrastructure design, engineering and specification

- Data center planning and layout design with an emphasis on green technology

- Technology room layout design (IDFs, server sooms, labs, etc.)

- TIA/EIA & BICSI Cabling Standards Compliance

- MEP and architectural coordination for technology space design

- Fiber, copper and Coax CATVriser/backbone distribution design

- Complete bid and construction documentation

- Technology Implementation and installation project management

- Bid analysis and contract negotiation

Audiovisual services—optimizing communications

Whether you need a full-blown executive boardroom design with customized video teleconferencing capabilities or a simple paging system, TSG is the right choice for all your visual and audio communications needs. We design interactive video walls and audiovisual systems that will maximize effective presentations in conference rooms, classrooms, training rooms, auditoriums or lecture halls. For complete multi faceted AV programs or individual systems or components, TSG works closely with you and your design team to bring you flexible, reliable designs, so that you can forget about the details and focus on the communicating. Our membership in AVolution, the global leader in audio-visual services, means we work to the latest standards in enterprise modeling, visualization and analysis.

TSG designs for a wide range of visual and audio communications needs, including:

- Video teleconferencing systems that link offices and clients, eliminating time and travel expenses

- High definition (HD) flat screen monitors for all display presentations, including HD video, Blue Ray DVD, CATV and PC generated images

- Wired and wireless audio conferencing capabilities

- Hi fidelity sound systems with multiple ceiling and/or wall mounted speaker

- Custom design AV closets and/or credenzas with build-in equipment racks

- Hardwired and wireless microphones systems for voice amplification

- Pop-up table boxes for easy access to AV inputs

- Touch panels user-friendly controls systems for all AV functions, as well as lighting, shade and environmental controls

- Smart white boards and podiums with touch panel controls

Security systems—the latest in security technology

In today's environment, a safe, secure facility is critical. TSG can help develop and implement security solutions using the latest technology in access control, biometrics, CCTV and digital video surveillance. And after the plan is in place, we're there to assist with complete security system bid specification and construction documentation as well. TSG provides the kind of service that makes a company comfortable operating and maintaining its own security system. Because a safe workplace is a productive workplace.
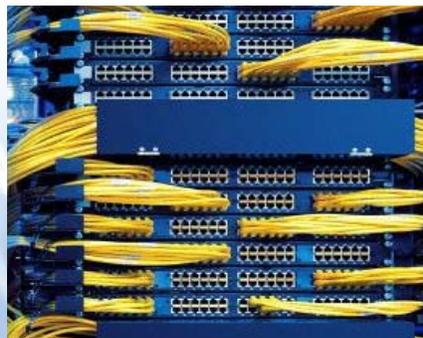
Consulting and design services include:

- Access control systems
- Intercom and paging systems
- Closed circuit television systems (CCTV)
- Video imaging and badging systems
- Entry/egress plan development
- Digital video recording systems (DVR)

Hotel and high-rise condo and co-op buildings—technology that's seamless and simple to operate

Today's high-rise residential buildings and hotels—both new and renovated—require the latest in technology. Guests and residents want security and the latest in voice, data and Internet services. Let TSG develop a technology infrastructure for your building. Our seamless integration services mean you have one user-friendly cabling system to answer your guests' and residents' needs—for all the technology they require. These include:

- Security systems, including state-of-the-art camera (CCTV) surveillance systems, card access control, intrusion alarm systems, and audiovisual intercom systems
- Universal cabling to allow guests and residents to order and use any technology service, be it DSL, cable modem, satellite TV, CATV, T1s or telephone
- High-end audio-visual services for lobbies, meeting spaces, gyms, etc.
- Wireless connectivity design for LAN and cellular telephone access

TSG has provided technology solutions for some of the most prestigious companies and institutions in the U.S.

TSG Partial Portfolio

- Citigroup
- Fiduciary Trust
- Pace University
- Revlon
- Barnes & Noble
- Cornell University
- Homeland Security/U.S. Customs
- Westpoint Military Academy
- Tommy Hilfiger
- Newsday
- Reed Elsevier
- News Corporation - Dow Jones
- Top Shop / Top Man
- Edelman
- WPP UniWorld Group
- School Construction Authority of NYC
- New York City Housing Authority
- NY Department of Corrections
- YMCA
- Mitsui Fudosan
- CB Richard Ellis

Lilker Associates is a long-established, multidiscipline MEP engineering firm based in New York City with a branch office in Hicksville, Long Island. Licensed in many states, the company provides services for new and renovated commercial, institutional and retail facilities as well as high-rise and luxury residential buildings.

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Lilker

Design

For single, multi-floor, building-wide or multi-facility environments, our design documents feature detailed specifications/drawings of floor plans, technology blueprints, and a complete list of components for successful installation. They are often the standards from which competitive bidding is achieved.

Project Management

To successfully complete a project within the client's specified time frame, experienced TSG project managers oversee construction and installation, monitor work quality, organize resources and coordinate manpower—whether it's installation, deinstallation, or relocation and reinstallation.

Consulting Engineering

Fast changing technologies require a consultant with expertise and experience to think strategically—and deliver effectively. TSG evaluates clients' existing IT infrastructure and assesses their technology needs in light of what is practical, feasible and energy efficient. From overall master planning to specialty services such as data center design and disaster recovery planning TSG solutions are tailored to optimize a client's technology agenda.

Established to complement the full offering of MEP engineering services provided by Lilker Associates, Lilker's Technology Solutions Group (TSG) brings excellence in all aspects of IT cabling infrastructure, audiovisual technologies and security systems to businesses in need of state-of-the-art expertise in today's world of rapid technological change.

Formed to provide clients with a single resource for all their technology needs, TSG designs all cabling, audiovisual and security requirements for situations ranging from a small office to a multi-floor building to an entire campus. For every client, we remain committed to finding the most energy efficient, sustainable solutions and working toward the goals of the U.S. Green Building Association's Leadership in Energy and Environmental Design (LEED).