VERTICAL TRANSPORTATION EXCELLENCE (VTX)

provides technical consulting expertise in planning, designing, modernizing, and inspecting vertical transportation systems including elevators, escalators, and moving walks.

We employ experienced and knowledgeable ASME QEI-1 (Standard for the Qualification of Elevator Inspectors) personnel who are educated in local and national codes.

**Philosophy**

Excellent performance of elevators and escalators is essential for any successful facility. VTX helps our clients achieve this goal using our expertise in consulting, engineering, and technology for the design and management of vertical transportation systems; including comprehensive analysis of plans structure, equipment, and costs.

When VTX assesses vertical transportation systems needs, we have unparalleled access and coordination with the core building engineering services from our working relationship with architectural/engineering firms that typically arise in elevator and escalator applications. This means we develop real world coordinated and pragmatic designs in close coordination with design professionals.

**Talent and Quality**

From private mixed-use complexes to large public agencies, VTX offers a wide variety of services to design effective, safer, and more energy-efficient vertical transportation systems to meet the needs of our environmentally conscious clients.

Our flexible approach to vertical transportation projects is based upon the philosophy that each project requires a detailed and integrated process customized to the owner’s requirements. Our ISO 9001:2015 certification provides consistent and effective monitoring for each phase of a project to assist in achieving our mutual goals through practical design and program management procedures.
DISTINCT TECHNOLOGY and SPECIALIZED SERVICES

In addition to tradition design, audit, and inspection services, VTX has invested significantly in specialized technology to serve our client’s needs:

- **Building Information Modeling (BIM)**, a process that uses dynamic building modeling software to explore a project’s key characteristics before it is built. BIM allows engineers and their clients to predict the performance of projects, visualize the entire project in a 3-D view, and observe any design changes that may be necessary.

- **Remote Monitoring and Maintenance Management** provides open source code remote monitoring, work order database development, and organization operations consulting.

- **Parametricoder™** performs unique, specific defined analysis of escalators by measuring mechanical performance characteristics on escalators including speed performance and tread surface deflections.