



Specialized inspection and testing services in extreme locations



ABOUT VERTICAL ACCESS

Vertical Access is a professional consulting firm offering a suite of specialized services applied to the documentation, investigation, and preservation of buildings and structures of all types. Collaborating with architects and engineers nationwide, the firm works closely with their clients to develop customized approaches that best serve the needs of all project stakeholders.

The use of industrial rope access for work positioning in challenging locations enables a hands-on approach to investigations. Staff includes preservationists with backgrounds in architecture, engineering, construction, architectural conservation and architectural history — all are SPRAT certified industrial rope access technicians.

DIRECT-TO-DIGITAL DOCUMENTATION

Accurate collection and delivery of conditions data is critical to the preparation of renovation or repair design documents. Vertical Access has developed software called TPAS® (Tablet PC Annotation



System) that works with AutoCAD allowing technicians in the field to capture graphical and numeric data and photographs and annotate drawings stored in tablet computers. Online project portals for interactive viewing and sharing of project data, drawings and photographs is available.

(front) **New York State Pavilion Observation Towers, Flushing, NY (Philip Johnson and Lev Zetlin, 1964)**

(above) **State University of New York Water Tower, Albany, NY (Edward Durrell Stone, 1964)**

(right, clockwise) **New Jersey State House Dome, Trenton, NJ (Lewis Broome, 1889) • Alexander Milne Calder Sculptures, Philadelphia City Hall, Philadelphia, PA (John McArthur, Jr., 1901) • Wyoming State Capitol, Cheyenne, WY (David W. Gibbs, 1890) • Michigan State Capitol, Lansing, MI (Elijah E. Myers, 1878)**

(back) **Gateway Arch, St. Louis, MO (Eero Saarinen and Hannskarl Bandel, 1965)**



CONSULTING SERVICES

- Existing conditions surveys & documentation
- Industrial rope access for challenging locations
- Monitoring instrumentation installation
- Live-feed video
- Unmanned aerial systems surveys
- Nondestructive testing
 - Infrared thermography
 - Ultrasonic thickness measurements
 - Borescope investigation
 - Rebar location
 - In situ materials sampling & characterization





VERTICAL access

Kent Diebolt, Founding Partner • 607-227-3366
kent@vertical-access.com • vertical-access.com
New York • Washington • Ithaca • Salt Lake City

Specialized Inspections | Testing | Condition Surveys



For more
information
contact
Kent Diebolt

Main Office

Ithaca, NY 607-257-4049

Branch Offices

New York, NY 212-647-1455

Washington, DC 202-298-7333

Guilford, CT 917-749-0998

Salt Lake City, UT 607-227-3366