

# POINT ONE DESIGN LTD.

[Services]



## Systems Engineering

- Heating, Ventilating and Air Conditioning
- Plumbing
- Medical Gas Distribution
- Industrial Process Piping and Control
- Fire Protection
- Architectural Lighting Design
- Power Distribution
- Fire Alarm System Design
- Low Voltage Systems
- Site Lighting Design
- Emergency and Stand-by Power Systems
- Technology Systems

## Engineering Services

- Schematic Design Studies
- Preliminary Design
- Preliminary Cost Estimates
- Design Development
- Working Drawing Production
- Written Specifications Preparation

## Special Services

- Joint Marketing of Professional Services
- Energy Analysis
- Economical Feasibility Studies
- Governing Agency Review
- On Site Investigation of Existing Systems Status Surveys and Reports
- Computer Modeling of Buildings and Systems
- Master Plan Development
- Routine and Preventative Maintenance Specifications and Program Monitoring

## Contract Administration

- Cost Estimating
- Shop Drawing Review
- Bid Negotiation
- Pre-purchased Equipment Services
- Construction Observation and Progress Review
- Energy Use Monitoring

## Clientele

Point One Design provides engineering consulting services to individuals and businesses with a variety of roles in the construction and facility industry including:

- Architects
- Engineers
- Manufacturing Plant Owners and Facility Managers
- Construction Managers
- University and College Facility Managers
- Developers
- Contractors
- Realtors
- Attorneys

## Professional Registration

Point One Design, Ltd., continues to broaden its ability to provide services to our clients by acquiring professional registration in states outside of Ohio. As of the print date of this brochure, we have professional engineers registered in all states excluding Alaska, Delaware, Mississippi, Montana, South Dakota, Vermont and Wyoming.

*“Point One Design provides comprehensive consulting engineering services that can move a project from concept, through planning and design, to realization.”*

# POINT ONE DESIGN LTD.

[Technology]



**Point One Design provides design and construction documents for the following Information Technology and Low Voltage Systems:**

## **Voice and Data Wiring**

- Wiring
  - Cat 6 twisted pair
  - Coaxial
  - Fiber-optic
- Network Terminations
  - Patch Panels
  - Data Jacks
- Network Hardware
  - Voice-Over-IP
  - 10/100 Mbs, Gigabit Ethernet
  - Routers, Switchers, Wireless Hubs

## **Security System**

- Closed Circuit TV Surveillance System
  - Exterior/Interior Cameras
  - Color/Black and White
  - Fixed/Pan-Tilt-Zoom
  - Analog/Digital
- Access Control
  - Card Readers/Proximity Sensors
  - Door Contacts, Magnetic Door Lock Systems
  - Motion Detectors, Break Glass Sensors

## **Sound and Audio/Visual Systems**

- Conference room audio/visual systems
- Video conferencing systems
- Training room audio-video systems
- Audio-video control systems
  - Conference Rooms
  - Classrooms
  - Training Rooms
- Sound masking systems
  - Open Offices
- Digital “video-on-demand” systems
  - Schools
  - Corporate
- Digital display systems
- Intercom and paging systems
  - Offices
  - Manufacturing Facilities
  - Schools and Universities

## **Institutional and Miscellaneous Low Voltage Systems**

- Cable Television Distribution (CATV)
- Master Antenna Television Distribution (MATV)
- Fire Alarm Systems (Addressable and Zoned)
- Sprinkler Monitoring
- Nurse and Emergency Call
- Area of Rescue Assistance Systems
- Resident Monitoring/Wandering Systems

