

# JDRM Firm Overview

JDRM Engineering, Inc. ♦ 5604 N. Main Street Sylvania, Ohio 43560 ♦ 419.824.2400 ♦ www.jdrm.com

## Firm History

In 1995 JDRM Engineering, Inc. was formed with the merger of principals, staff, and business interests of separate mechanical and electrical consulting engineering firms. Those separate engineering firms had a long history of collaborating on projects and the four founding principals had worked together since 1976.

Many of JDRM Engineering's personnel have over 40 years of experience between JDRM Engineering and previously separate firms. The partners' combined design experience contributes a solid base of knowledge to support a staff organized to furnish complete and quality engineering services in the construction industry.

## Construction Types

### Airports

- Runway Lighting
- Support Facilities
- Terminals

### Commercial

- Data Centers
- Office Buildings
- Restaurants/Dining

### Educational

- PK through 12
- Higher Education
- Residence Halls

### Healthcare

- Hospitals
- Medical Office Buildings
- Assisted Living & Nursing Care

### Industrial

- Manufacturing
- Power Generation
- Warehouses

### Institutional

- Fire & Police Stations
- Justice Centers
- Libraries

### Retail

- Malls, Plazas
- Supermarkets
- Vanilla Shell Spaces

### Religious Structures

- Churches
- Temples
- Fellowship Facilities

### Sports Centers

- Athletic Complexes
- Ice Arenas
- YMCA

## Contract Costs

JDRM Engineering's Mechanical, Electrical, and Technology construction contracts range from several thousand dollars to thirty-five million dollars.

## Professional Qualifications

### Current Staff

- 47 Employees (22 Engineers)

### Professional Engineers

- 11 Licensed Engineers (P.E.)

### Fire Alarm Specialist

- 1 NICET Fire Alarm Systems/II

### RCDD

- 3 Registered Communications Distribution Designers

### Electronic, Safety, & Security

- 1 ESS Designer

### Certified Technology Specialist

- 1 CTS Designer

### LEED AP

- 4 Leadership in Energy & Environmental Design Accredited Professionals

### Lighting Specialist

- 1 Lighting Certified Professional

### Electrical Safety Compliance

- 1 NFPA Certified Professional

## 24 State Registrations



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## Firm Profile

JDRM Engineering, Inc. is a professional Mechanical, Electrical, and Technology Engineering firm serving Architectural Firms, Facility Owners, and Contractors providing comprehensive engineering consulting and design services.

## Mechanical Services

### Air Conditioning Systems

- Chilled Water
- Direct Expansion (Packaged/Split)
- Geothermal
- Computer/Technology
- Recreational & Pools

### Control Systems

- Energy Recovery
- Temperature Control
- Systems Integration

### Fire Protection Systems

- Wet & Dry Systems
- Fire Pumps
- Clean Agent/CO2

### Heating Systems

- Hot Water Boilers
- Steam Boilers & Accessories
- Industrial Gas Fired Systems
- Radiant Heating
- Geothermal

### Plumbing

- Sanitary Piping
- Domestic Water
- Storm
- Medical Gas
- Natural Gas/Fuel Oil

### LEED Design Services

### Systems Documentation Services

## Electrical Services

### Fire Alarm Systems

- Voice Notification
- Smoke Monitoring
- Addressable & Networked

### Lighting

- Building Accent Illumination
- Interior
- Lighting Simulation
- Parking Lots
- Pedestrian Walkways
- Sporting Venues
- Theatrical

### Lighting Control

- Relay Systems
- Networked Control
- Occupancy Sensors
- Daylight Harvesting
- Dimming Systems

### Electrical Safety Services

- Arc Flash Hazard Analysis
- Electrical Safe Work Practices  
Training Programs  
Written Program

### Power Distribution

- Emergency Generation
- Cogeneration
- LV & MV Distribution
- Protective Device Coordination
- Short Circuit Studies
- Substation Design
- Alternative Energy:  
Wind, Solar, Microturbine

### LEED Design Services

### Systems Documentation Services

## Technology Services

### Communications

- Broadband Video
- CATV
- Distributed Antenna Systems
- LAN/WAN Design
- Telephone (VoIP/PBX)
- Wireless Networking
- Structured Cabling  
UTP, Coax, Fiber
- Emergency Responder  
Radio Coverage Testing

### Healthcare Systems

- Infant Protection
- Medical Telemetry
- Nurse Call
- Patient Monitoring

### Security

- Access Control
- Intrusion Detection
- Surveillance (IP/CCTV)

### Audio/Video Systems

- Background Music
- Intercoms
- Noise Masking
- Paging
- Telephone & Video Conference
- Video Projection
- Flat Panel Displays

### Systems Documentation Services

