



Fire Protection Engineering  
Mechanical/Electrical/Plumbing  
Engineering  
Code Consulting

# Data & Communication

FSC provides professional data and communication design services for all types of facilities, e.g. Data Centers, Call Centers, Office Buildings, Hospitals, Airports, etc.

## **AT&T Data Center Kansas City, MO**

MEP design for the complete rebuild and upgrade of two 50,000 cfm (each) existing constant volume, dual duct air handling units with 100% backup emergency for 24/7 operation.



## **H & R Block Office Building Kansas City, MO**

Among FSC's other services, MEP & FP design of the new 15,000 sqft. data center on the 2nd floor.

## **Missouri Department of Natural Resources Jefferson City, MO**

Among FSC's other services for this 120,000 sqft. "green" office building, MEP design of a grounding grid telephone and distribution system in accordance with ANSI-J-STD-607-A, Category 3 voice and Category 5 data cables to workstations.



## **University of Missouri-Kansas City**

Provided Fire Protection services to replace the automatic pre-action sprinkler system with "total flood" clean agent fire suppression system in the Admin. Building Data Center.

## **MSSU Server Room Joplin, MO**

Survey and report of existing equipment in the server/mainframe computer room. Design of new HVAC equipment and modifications to electrical systems, including relocating the existing transformer.

## **Barry County 911 Call Center Cassville, MO**

MEP services for the new 4000 sqft. call center.

### ***FSC, Inc.***

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### **Story County Medical Center**

#### **Nevada, IA**

Among FSC's other services, design of data (wired and wireless) and telephone systems for the new critical care hospital.

### **DST Winchester Computer Center**

#### **Kansas City, MO**

MEP design services for several projects at this existing 78,500 s.f. facility included:

- Modification of the existing HVAC system
- Renovation of existing space for the computer monitoring room
- Providing an uninterrupted power system (UPS) for the chilled water plant
- New 17,825 s.f. two story office addition
- New 83,000 s.f. computer /tape room addition
- Chiller Addition
- UPS Fire, DST Past Problems, DST General Consultation
- PM Evaluation
- Tape Drive Facility
- Generator Fault
- Chiller Ride Thru
- Surge Protection
- Chiller Transfer
- Computer Room CADD Drawing
- One-Line
- Fuel Oil Piping
- Expansion Program
- South Office Building
- Warroom
- Load Analysis
- Record Drawings
- Guard House
- Service Center Remodel

### **US Sprint Switch Center**

#### **Akron, OH**

MEP design services for an addition to an existing facility that included:

- 5,000 s.f. office
- 2,500 s.f. warehouse
- 6,000 s.f. switching equipment room

### **Other MEP projects:**

- TMC Hospital Hill, UPS Data Process - Kansas City, MO
- Whiteman Air Force Base Automation - Knob Noster, MO
- ISD Bus Barn VE Redesign & Voice/Data - Independence, MO
- Parkhill Data Center - Kansas City, MO
- Procter Voice/Data - Independence, MO
- Ross Technology - Parkville, MO
- Liberty School Data Center, Blue Jay Tower 2nd Floor - Liberty, MO
- Liberty Data Emergency Center - Liberty, MO