data and voice communications

Overview / Capabilities

The success of a facility often depends on the infrastructure's ability to quickly and reliably communicate both data and voice information. Having a partner that understands the complexity of media distribution is vital.

SSOE's team consists of experts in connectivity of voice, data, and ancillary systems such as video surveillance, fire alarm, access control, power monitoring, and other building management systems. Our team consistently exceeds clients' expectations all the while striving to future-proof the facility for next generation technologies.

"SSOE's attention to detail in guiding its clients through the complicated process of identifying, selecting, designing, and managing a structured cabling installation has been nothing less than sterling. Its knowledge of constructing a data, voice, video, and audio infrastructure allows clients to install a system that will exceed their needs well into the future."

Matthew R. Guest
Panduit Data-Comm Specialist

data and voice communications

Advantages

- SSOE's data / fire / security team includes the full range of disciplines — PEs, RAs, LEED APs, RCDDs, CTS and NICETs — to provide fully integrated data centers that are optimally sized to meet clients' current and future needs including the security of their information.
- We work with end users to optimize enterprise network systems utilizing open architecture. This avoids being tied into a specific equipment vendor or product line providing our clients with more competitive pricing.
- Consistent with our commitment to sustainability, we specify eco-friendly / recyclable equipment, including switches, printers, monitors, and cable, as well as low-current devices in order to lower energy costs.

Technical Expertise

- Asset tracking
- Audio-visual systems
- AutoCAD, REVIT, MicroStation, and BIM drawing creation
- Call centers and Automatic Call Distribution (ACD)
- Computer Telephony Integration (CTI)
- Construction management
- Converged data networking design
- Data center design and layouts
- Generation of design and installation standards
- Inside and outside plant data systems
- IP telephony / convergence data and IT room design and layout
- IP, ISDN, and SIP networking
- IPTV and CATV systems
- Local and long distance carrier analysis / evaluation
- Local, wide, and metropolitan network developments
- Neutral host Distributed Antenna Systems (DAS)
- New construction owner's representation
- RFP, RFQ creation and evaluations
- Structured cabling systems
- Telecom and IT relocation services
- Traffic engineering
- Unified messaging and communications
- Wireless networks and radios

www.ssoe.com/DFS