

Gudenkauf Inside Plant Services Overview

Gudenkauf is a diversified provider of telecommunications, utility, and systems integration solutions. We have the resources and experience to deliver in even the toughest conditions. Our services include outside plant construction, fiber optic splicing and testing, utility locating, intelligent transportation systems, gas line cathodic protection, and emergency restoration services. Gudenkauf proudly serves customers in Ohio, West Virginia, Kentucky, Indiana, Michigan, Virginia, and Pennsylvania.

Gudenkauf provides the below inside plant (ISP) services to commercial, educational, manufacturing, and industrial clients.

Structured Cabling Systems

Gudenkauf designs, installs, troubleshoots, and certifies structured cabling systems. Our team includes BICSI Registered Communications Distribution Designers (RCDD) and certified technicians.

Gudenkauf's structured cabling services include:

- **Structured cabling infrastructure design**
- **Fiber optic cabling and certification**
- **Ethernet cabling and certification**
- **Testing, troubleshooting, and repair of network infrastructure**

Wireless Network Installation

Gudenkauf offers a variety of services for wireless networks.

Gudenkauf's wireless network services include:

- **WIFI coverage design**
- **WIFI predictive signal modeling and actual WIFI signal mapping**
- **WLAN cabling**
- **Access Point installation**
- **Access Point replacement**

Distributed Antenna Systems (DAS)

Distributed antenna systems (DAS) extend emergency broadcast and cellular signals inside buildings. By installing a network of small antennas, we can compensate for isolated spots of poor coverage within your facility. These systems provide mobile voice and data services similar to a network tower.

Gudenkauf's DAS services include:

- **DAS physical infrastructure installation**
- **DAS testing and commissioning**
- **Cellular booster design and installation**
- **DAS repair and maintenance**

Campus Installations

Gudenkauf has specialized in campus environments for decades.

Gudenkauf's campus services include:

- **Infrastructure design (fiber and copper)**
- **Infrastructure installation (fiber and copper)**
- **Infrastructure maintenance and testing**
 - **Legacy copper system support**
 - **Air pressure system maintenance and support**

Emergency Responder Radio Communications Systems (ERRCS)

Gudenkauf has invested in the tools and training to service emergency responder radio communications systems within new and remodeled buildings.

Gudenkauf's ERRCS services include:

- **System design and installation**
- **Post-construction performance testing**
- **Post-installation certification and life safety reporting**
- **Yearly compliance testing and maintenance**

Industrial

Gudenkauf specializes in the harsh environments and challenging conditions within the industrial sector.

Gudenkauf's industrial services include:

- **High Bay structured cabling**
- **Aerial lift certified technicians**
- **Metallic conduit construction**
- **Flexible working hours to meet production needs**

Contact Gudenkauf Today: (614) 488-1776