



FZ Cares

Preventative Maintenance Services
to Drive Sustainable Operations

About FZ



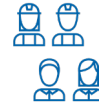
Founded in 1980



Turnkey electrical and automation services



HQ in Grand Rapids, MI, serving customers nationwide



550+ people strong



Culture: people, safety, core values

FZ offers a host of preventative maintenance and sustainability services designed to keep your facility systems, equipment, and plant-floor systems running in an optimal manner to reduce unplanned downtime.

Top Reasons for a Maintenance Service Agreement

- **Contain Cost** – Cost is contained in your annual maintenance operational expense budget (OPEX), allowing for predictive annual budget planning.
- **Save Money** – With predefined rates and services, you’ll know what to expect and will avoid costly emergency service calls.
- **Reduce Downtime** – Remote monitoring, health monitoring, and remote programming allows for more immediate support during critical situations.
- **Increase Control and Planning** – A pre-defined service level agreement allows for quick response and the ability to schedule out visits. During these visits, preventative maintenance services are performed in a routine manner.
- **Training** – We offer personalized system and application training for you and your team.

Agreements We Offer

We offer a number of convenient agreements using the following methods of service:

- Onsite visits
- Health monitoring (i.e. network plant floor BAS)
- Remote monitoring and programming
- System support using artificial intelligence applications
- Troubleshooting
- Asset management and condition based monitoring
- System and application training (for operators and maintenance personnel)
- Emergency service agreements with guaranteed response times
- Any combination of the above

Preventative Maintenance Service Examples

- Pre-determined numbers of days per month/quarter for an engineer or technician to be onsite or provide remote services
- Preventative maintenance for facilities and plant side systems (we plan, predict, and execute for you)
- Arc flash studies
- IR studies
- Transformer oil testing
- Aging equipment lifecycle management
- System checkout and troubleshooting
- Firmware and software updates on computers, PLCs, SCADA, BAS Systems, Lighting Systems, and AV Systems
- Remote connectivity for troubleshooting
- Design and troubleshooting for networking and LAN infrastructure, including logical and physical diagramming of systems
- Field instrumentation maintenance, calibration, verification, and testing
- Security and virus protection upgrades and testing
- Operating system patches and testing
- Historian maintenance and upgrades
- Maintenance training and troubleshooting