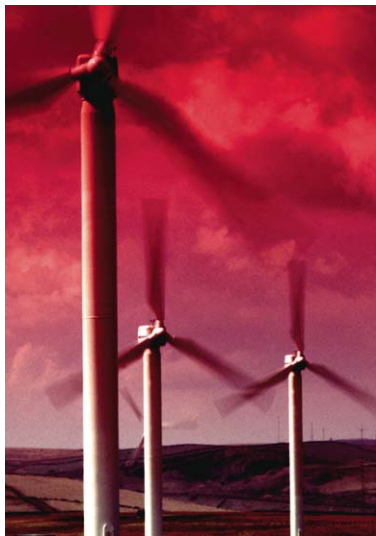


**Certified  
Network  
Solutions**



**Specializing in  
the design,  
commissioning,  
maintenance,  
and certification  
of industrial  
networks**



## Network Services Include:

### DESIGN

- Network Topology
- Performance analysis
- Detailed scope of work
- Provide Recommended BOM
- Documentation

### MAINTENANCE

- Inspection of network integrity
- Identify performance limiting issues
- Recommend and document changes
- Re-Certify network integrity
- Complete detailed documentation of work performed

### COMMISSIONING & VALIDATION

- Create and maintain project schedule
- Consult on hardware installation
- Document network topology
- Provide operations training and documentation
- Analyze network performance

### TROUBLESHOOTING

- Identify network design and hardware issues
- Diagnose fiber and copper cabling problems
- Analyze and Optimize your network
- Document the network



*N-TRON's Certified Network Alliance Partner Program offers System Integrators the training, the tools, and the support needed to satisfy your customers and differentiate your services.*

Whether you provide network design, installation, or commissioning, membership in *N-TRON's* partnership program will be a valuable asset to your company.

*N-TRON* Certified Network Alliance Partnership provides you:

- Advanced training and a better understanding of applying *N-TRON* products
- Priority access to *N-TRON* technical support
- Advanced training on *N-TRON* network diagnostic software
- Identification as a Certified Network Alliance Partner on *N-TRON's* website
- Inside track for outsourced *N-TRON* network installations
- *N-TRON* Certification upon completion of certified partner training

*To learn more about our Certified Network Alliance Partner Program, please contact your local sales representative or email us at: [NetworkServices@n-tron.com](mailto:NetworkServices@n-tron.com)*



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## Design

Whether you are planning a new network, expanding an existing one, or re-engineering your network to improve performance, *N-TRON Network Services* offers experienced professionals to assist you. Our design process includes an assessment of your network needs and objectives, and a detailed specification for a system that best meets your needs.

Design services include:

- Network Topology
- Performance analysis
- Detailed scope of work
- Provide Recommended BOM
- Documentation

## Commissioning & Validation

*N-TRON's* network experience in the implementation of Ethernet technology makes us a good partner for your network projects. Utilizing the latest network diagnostics tools and procedures, our Network Engineers validate the design and installation of your network.

In addition, *N-TRON Network Services* can:

- Create and maintain project schedule
- Consult on hardware installation
- Document network topology
- Provide operations training and documentation
- Analyze network performance



## Troubleshooting

Network downtime is extremely expensive. Outages affect product quality, production output and visibility to your control processes. Getting your network back up and operating at its peak efficiency is our goal.

Our Network Engineers will:

- Identify network design and hardware issues
- Diagnose fiber and copper cabling problems
- Analyze and Optimize your network
- Document the network

## Maintenance

After commissioning, *N-TRON Network Services* can provide periodic network maintenance to ensure optimum performance and availability of your network. Undocumented changes, additional equipment and increased usage can all impact network performance.

We provide on-site maintenance to include:

- Inspection of network integrity
- Identify performance limiting issues
- Recommend and document changes
- Re-Certify network integrity
- Complete detailed documentation of work performed

