COMPUTING & NETWORKING

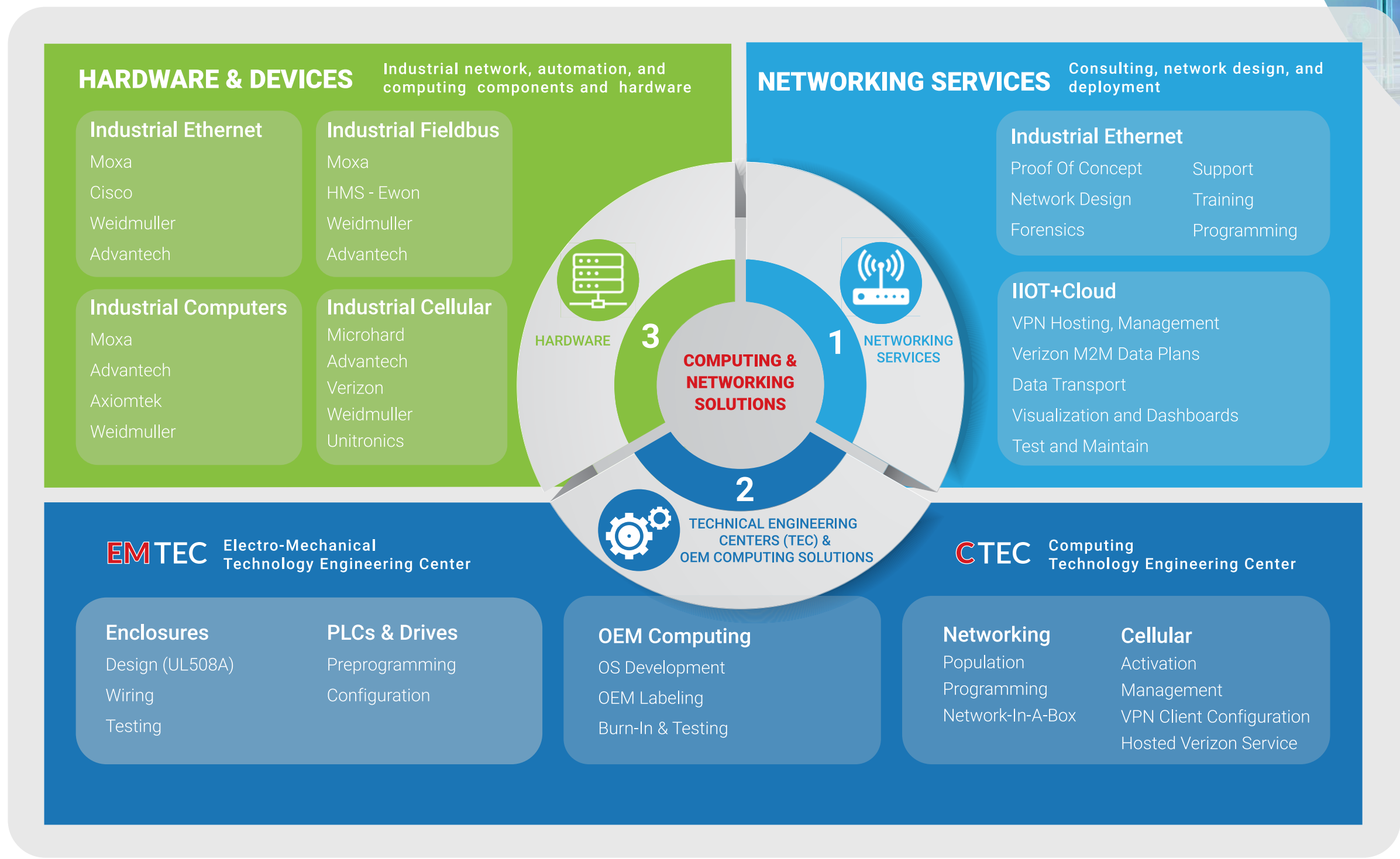## SOLUTIONS

NETWORKING SERVICES

ENGINEERING CENTERS

HARDWARE & DEVICES

MSiTEC
PRODUCTIVITY THROUGH TECHNOLOGY

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COMPUTING & NETWORKING SOLUTIONS

HARDWARE & DEVICES
Industrial network, automation, and computing components and hardware

Industrial Ethernet
Moxa
Cisco
Weidmuller
Advantech

Industrial Fieldbus
Moxa
HMS - Ewon
Weidmuller
Advantech

Industrial Computers
Moxa
Advantech
Axiomtek
Weidmuller

Industrial Cellular
Microhard
Advantech
Verizon
Weidmuller
Unitronics

NETWORKING SERVICES
Consulting, network design, and deployment

Industrial Ethernet
Proof Of Concept
Network Design
Forensics

Support
Training
Programming

IIOT+Cloud
VPN Hosting, Management
Verizon M2M Data Plans
Data Transport
Visualization and Dashboards
Test and Maintain

HARDWARE 3

1 NETWORKING SERVICES

2 TECHNICAL ENGINEERING CENTERS (TEC) & OEM COMPUTING SOLUTIONS

COMPUTING & NETWORKING SOLUTIONS

EM TEC — Electro-Mechanical Technology Engineering Center

Enclosures
Design (UL508A)
Wiring
Testing

PLCs & Drives
Preprogramming
Configuration

OEM Computing
OS Development
OEM Labeling
Burn-In & Testing

C TEC — Computing Technology Engineering Center

Networking
Population
Programming
Network-In-A-Box

Cellular
Activation
Management
VPN Client Configuration
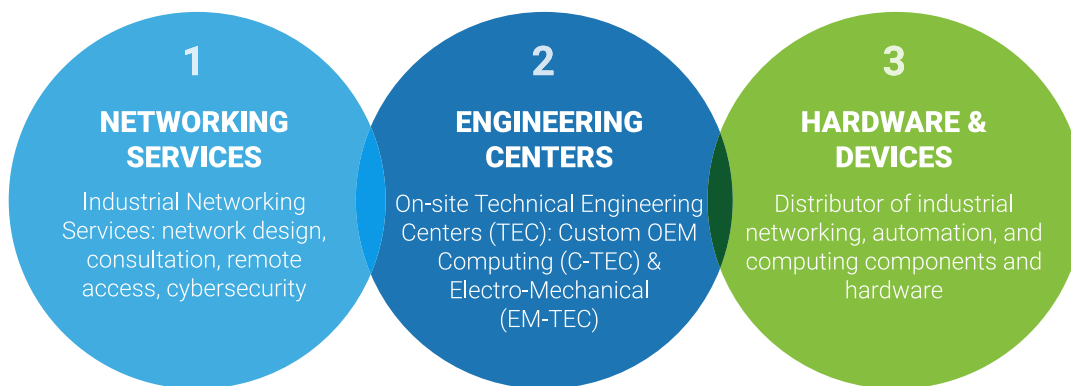Hosted Verizon Service

UNBIASED PARTNER
With MSI TEC, you have an unbiased partner with a wide range of competing vendors, so we can help you find the right solution for your project. As a preferred distributor for leading hardware partners, we serve as an extension of the manufacturer and your single point of contact for pre-sale and post-sale support. As local hardware experts, we're able to recommend the right tools for the job – and to help you be successful using it.

56.78%
94.16

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Leverage our engineering talent, state-of-the-art engineering facilities, and custom OEM services.

For more than 20 years, our Computing & Networking Solutions Group has been helping companies bring their industrial networking and computing projects to life. When you work with MSI TEC, you'll get a dedicated engineering team with decades of experience helping OEM and manufacturing customers solve problems and get their products to market. We provide the engineering expertise, facilities, and hardware for the design, build and deployment of your product.

COMPREHENSIVE COMPUTING & NETWORKING SOLUTIONS

1

NETWORKING SERVICES

Industrial Networking Services: network design, consultation, remote access, cybersecurity

2

ENGINEERING CENTERS

On-site Technical Engineering Centers (TEC): Custom OEM Computing (C-TEC) & Electro-Mechanical (EM-TEC)

3

HARDWARE & DEVICES

Distributor of industrial networking, automation, and computing components and hardware

SOLUTIONS FOR INDUSTRIAL NETWORKING

With over two decades of industrial Ethernet and IIoT experience, we have the knowledge and resources to handle your industrial networking and remote access projects, no matter how complex or challenging. Our networking services include designing and optimizing industrial networks, remote access and monitoring, cybersecuring and risk mitigation.

COMPUTING & ELECTRO-MECHANICAL ENGINEERING CENTERS

We have on-site, state-of-the-art technical engineering centers that are equipped to meet any computing, networking, mechanical, and electrical project requirements. Our OEM computing services include, custom image and BIOS configurations, burn-in testing and certification, labeling, packaging, and lifecycle management.

COMPUTING AND NETWORKING HARDWARE PROVIDER

Because we are partnered with world class industrial hardware manufacturers, we are able to provide rugged, industrial grade hardware and components with the highest quality standards in the industry. As a value-add distributor, we also provide engineering services, consultation, training and support.

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TECHNICAL ENGINEERING CENTERS:

Helping you bring great designs to market.

If you're like most OEMs, your focus is on product development, staying ahead of the competition, and speeding up time to market. Dealing with computing hardware design and development is a distraction and a drain on resources. Turn to MSI TEC for help designing, configuring, building, and testing your product. Utilize our engineering talent and state-of-the-art facilities as an extension of your project:

C TEC
Computing Technical Engineering Center

C TEC

Computing Technical Engineering Center, or **C**TEC, offers custom computing, OS Development, OEM Labeling, Gold Imaging, and much more.

EM TEC

Electro-Mechanical Technical Engineering Center, or **EM**TEC, designs and builds control panels and enclosures, programs and configures PLCs and drives, and more.

We understand the impact that delays in product development can have on your project's bottom line. As a value-add distributor, we have access to hardware and components from our manufacturing partners and can offer you the lowest prices. Using our technical engineering centers for design, assembly, manufacturing, testing and field support lets you allocate your time and resources on innovation and product development.

TEC Services

Computing
Custom embedded OS development
Rapid prototyping
Private Labeling
Gold-imaging & Burn-in Testing

Networking
Population
Programming
Network-In-A-Box

Cellular
Activation
Managed cellular provisioning
Client VPN Configuration

PLCs/Drives
Pre-programming
Configuration

Enclosures/Control Panels
Design
Wiring
Testing
UL508A certified

EM TEC
Electro-Mechanical Technical Engineering Center

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OEM COMPUTING
SERVICES

Leverage our engineering talent, state-of-the-art facilities, and custom OEM services. We'll serve as an extension of your team.

Whether you need 1 industrial computer or 1000, our computing engineering center delivers the solution you need – your way, every time.

Take the guesswork out of deployment with our Copy Exact and golden image services.

Prototyping Services:
o Rapid built-to-order Prototyping
o Validation of your proprietary components
o Custom mounting and cable design

Testing and Validation
o 24-hour PassMark Burn-In Test
o Thermal system, software, & motherboard testing
o Copy Exact service

Life cycle Management
o Guaranteed hardware longevity
o Field Replaceable systems
o Software/OS Longevity
o Revision Control
o Last Time Buy Option

Imaging & Bios
o Image Capture for Linux and Windows.
o Configure one custom image for repeat systems.
o Partition Hard Drive
o Set Boot Order of devices
o Enable/Disable I/O Devices

Private labeling & Packaging
o Custom face plates
o Custom serial number labels
o Include your custom inserts to the system box

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HARDWARE PROVIDER

We are partners with the world's most trusted industrial brands. Offering rugged hardware and components for harsh environments, with guaranteed long life cycles.

Industrial Computers

| AI Edge Computing Platforms | Compact, Fanless Industrial PCs | Industrial IoT Rugged Computers | Touch Panel PC HMI | Wide Temp Fanless Panels |

Industrial Ethernet

| Unmanaged Switches | Managed Switches | Ethernet Gateways & Protocol Conversion | Industrial Secure Router/ Switch Combo | Media Converters USB Ethernet, Fiber |

Industrial Cellular/Wireless

| Cellular Routers & Gateways | Wireless LTE Ethernet & Serial Gateway | Ultra-Reliable Wireless Backhaul | LoRaWAN Wireless Gateway | Wireless AP/bridge/client |

Industrial Fieldbus

| Ethernet Fieldbus Gateways | Fieldbus Gateway | M2M Gateway | M2M Device and Data |

MOXA

ASUS IoT

ADVANTECH

HMS   Ewon
BY HMS NETWORKS

AXIOMTEK

CISCO

WEINTEK

microhard

Weidmüller

verizon

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COMPUTING & NETWORKING
SOLUTIONS

Turn to MSI TEC for industrial Ethernet, IIoT, and cellular services, which includes network design, Proof of Concept, product development, cybersecurity, VPN hosting, and more.

INDUSTRIAL ETHERNET SERVICES

- Proof Of Concept - Leverage our experience when developing Proof of Concept. We can help with the design, build, testing and documentation.
- Network Design - Our engineers have decades of experience designing and upgrading networks for industrial and critical infrastructure customers.
- Training - Education and training is an essential part of our networking services that begins from the very first planning meeting. At the end of the project, we provide training on monitoring and maintaining your network.
- Support - We provide ongoing support after every project or sale. Our in-house, U.S. based engineers are on hand to troubleshoot any issues that crop up and provide solutions.
- Configuration - Assist in programming your switches, routers, gateways, and network monitoring software

IIOT + CLOUD SERVICES

- VPN Hosting and managed private cellular networks - Secure VPN technology that is off the public internet. Data collection to your facility or the Cloud of your choice.
- Managed cellular provisioning, including monthly billing, data usage monitoring.
- Data Transport – We'll develop creative solutions to get your data from the edge to the cloud.
- Visualization - Our software engineers can assist in developing dashboards and reports to visualize, analyze, and take action on your data.
- Forensics - Our network forensics services investigate the health and safety of your network to ensure it's performing correctly and is protected from cyber threats.
- Network Testing – Our network and software engineers can develop network tests for stress, performance, latency, and cybersecurity.
- Maintain - We can also develop a plan to maintain your network, IIOT and cloud systems to ensure their robust performance and longevity.

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CAPABILITIES

Industry Training & Knowledge
Our team of engineers & technicians have extensive experience and industry knowledge, averaging 50 years of experience. They are also certified by Cisco, Moxa, Microsoft and more. When you work with MSI TEC, no matter the size of your project or purchase, you'll work with experienced engineers who can help you with product selection, engineering, programming, installation, and product training.

Industrial-Grade Hardware
Rugged, industrial-grade components and hardware built for harsh environments and extreme temperatures. Guaranteed long life cycles.

U.S. Based Support
MSI TEC service and support is based in the USA. We have engineering and sales offices across the west who are available for product support, training and trouble-shooting.

Customer Driven
We are a solutions and service provider in the complete sense of the word. The driving force behind everything we do is to serve our customers and become a partner in your success.

Our clients exist in almost every industry including

- Aerospace
- Automotive
- Machine Tool
- Process & Discrete Manufacturing
- Transportation
- Energy
- Food & Beverage
- Medical Packaging
- Semiconductor
- and many others!

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![MSI TEC - PRODUCTIVITY THROUGH TECHNOLOGY]

GET IN TOUCH

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