EtherWAN
When Connectivity is Crucial
EtherWAN.com • (714)779-3800

ABOUT US

Founded in 1996 by NASA engineers

Backed by the strength of Phoenix Contact

Headquartered in Anaheim, California

With a strong commitment to public safety and the support of our Urban Infrastructure, EtherWAN provides connectivity solutions to keep mission-critical systems operational. Our expertise spans from our in-house designed, tested and manufactured products, to the implementation and support for customers across the Americas. Experience the difference between one-size fits all and EtherWAN's purpose-built hardened network products.

INTELLIGENT TRANSPORTATION SYSTEMS

New technologies, growing populations, and availability of funding sources means cities expect partners that bring the needed value to keep projects on track. Look to EtherWAN to help determine the network scope, impacts and limitations to get the right technologies implemented for your project. From Wayside communication for metro transit, intersections and highway connectivity, EtherWAN offers a variety of network solutions that seamlessly integrate into existing infrastructures.

SECURITY

A camera is only as good as the network it's linked to. For implementations large and small, our powerful solutions provide data that travels further, compatibility that connects more high-powered cameras, and network redundancy that heals disruptions in milliseconds. With our history of being first to market with many PoE (Power over Ethernet) products and our exclusive PoL technology (Power over Link), our solutions ensure cost-savings and simple setup.

WATER & WASTEWATER TREATMENT

From modernizing networks to a renewed focus on water availability, reliable and easy to maintain network solutions are at the forefront so water consumers never see an interruption. Our hardened products work well with SCADA systems and provide a wide range of interoperability to ensure proper integration with existing equipment and communication protocols.

OUR PRODUCTS

Our established product lines and customizable features are built to support the long-term health of your network. With managed and unmanaged options, we have the right networking for nearly any communications challenge your urban infrastructure may face.

SWITCHES

From traffic cabinets to server racks, our robust line of switches provide the capabilities you need including:

- 2 - 28 ports design
- Available PoE of up to 60 Watts per port
- Web and CLI interfaces with security features
- Fiber connectivity options
- SFP Ports Support:
  1 Gbs and 100 Mbs or
  10 Gbs and 1Gbs SFPs
- Hardened and commercial grade options

EG99000 SERIES

HARDENED LAYER 3 SWITCH WITH 28 PORTS

MEDIA CONVERTERS

Cost-saving media converter utilize existing infrastructure and improve transmission between **devices.**

- Works over 10/100/1000 Mbps copper or single mode, multimode, and WDM Fiber
- Multi-channel systems available
- SFP Ports Support:
  1 Gbs and 100 Mbs or
  10 Gbs and 1Gbs SFPs
- Hardened and commercial grade options

EL8000 SERIES

HARDENED FIBER MEDIA CONVERTER

ETHERNET EXTENDERS

Extend communication past the standard 100 yards and use cable infrastructure to connect remote or separate networks.

- Transmit data across copper wire including phone lines and twisted pair cable
- Use when transitioning from closed circuit to IP-based system
- PoL (Power over Link) is available to send both power and data over copper wiring, similar to PoE, but longer distance
- Hardened and commercial grade options

ED3575

HARDENED LAYER 2 EXTENDER WITH GIGABIT AND COPPER PORTS

HARDENED

Products equipped for vibration, electromagnetic interference, and -40°F to 165°F temperatures.

COMMERCIAL

Economical options for small and medium businesses to reap the benefits of IP networks.

FORM FACTOR

Rack mounts, DIN RAIL, and desktop products to support connectivity solutions.

WIRELESS

The latest wireless including Wi-Fi and 4G LTE with advanced security and stable transmission for outdoor environments.

- Access Point, Bridge and Combo units available
- Connect networks up to 20 miles away
- Transmission speeds up to 866Mbps on 5GHz band
- Carrier certified cellular options
- Hardened grade options

EW75000 SERIES

HARDENED WIRELESS SUBSCRIBER UNIT

PoE SOLUTIONS

High-powered solutions for powering PoE devices such as cameras. With PoE options for switches, media converters and extenders, our products give flexibility for a reas without nearby power sources.

- High Power: Up to 60 Watts per Port
- Per-port PoE control through available web-managed interface
- SFP Ports Support:
  1 Gbs and 100 Mbs or
  10 Gbs and 1Gbs SFPs
- Hardened and commercial grade options

EX78900 SERIES

HARDENED LAYER 3 SWITCH WITH POE POWER OF 60W PER PORT

ACCESSORIES

Complete your network with power sources, SFPs, and connectivity solutions to make your system complete. Our accessories include:

- Backup Utility
- Mounting Kits
- Install Utility/eVue
- SFP Modules
- TransRack
- Power Sources

SFP FIBER TRANCEIVER

PLUG AND PLAY DEVICE FOR FIBER OR COPPER CABLE

OVER 20 YEARS OF EXPERTISE IN URBAN INFRASTRUCTURE

WHAT SETS US APART

QUALITY

We test our products to ensure the delivery of high performing products every time. Our hardened products are tested with an 8 hour high-heat (175°F+) performance assessment under a heavy data load.

LIFETIME WARRANTY

Register your hardened products to receive product updates including firmware and access to our world-class support. You can also opt-in for Engineering Change Notices (ECN) and End of Life notices (EOL) all for the product's life.

CUSTOMER EXPERIENCE LAB

Learn network best practices, train employees with tailored courses, and make educated buying decisions with hands-on access to mock traffic intersections, stoplights, TMC, and more.

OUR EXPERTS, YOUR PROJECT

NETWORK DESIGN From network audits to recommendations, rely on our network engineers to support your network design from the get-go. Let our experience in segmentation, redundancy, and security guarantee a best-practice configuration.

IMPLEMENTATION As your proud partner, EtherWAN provides the support you need as implementation occurs. Whether you need high-level consulting, or on-site setup and support, we'll tailor our approach to keep your project on-track.

TRAINING Customized virtual and in-person trainings are available for you and your employees. Our sand-box network at our Customer Experience Lab allows for safe training environment where it's okay to make mistakes.

LIFETIME SUPPORT Complimentary tech support comes standard with EtherWAN products. Our networking specialists have the expertise to provide the necessary support to keep your network stable and secure.

WHAT OUR CUSTOMERS SAY

"We knew EtherWAN was implemented in our transportation department, so it made choosing them easy. What we didn't realize was how big of a role EtherWAN would play in this network."

Clarence Choe
City of Anaheim Utilities

EtherWAN
When Connectivity is Crucial

CONTACT US:
(714) 779-3800

VISIT OUR WEBSITE:
EtherWAN.com

ADDRESS:
EtherWAN Systems, Inc.
2301 E. Winston Ave.
Anaheim, CA 92806

October 2018
Version 1