

Transportation Solutions for Municipalities ITS Network Solutions



WHY ETHERWAN?



ZERO DISTANCE

We act as **trusted advisors**, zeroing the distance between us and our customers through hands-on support, network assessments, and tailored network design optimization.

We also happen to manufacture world-class connectivity devices.

CORE APPLICATIONS WE SUPPORT



ITS FOCUSED SINCE THE 90s, CUSTOMER-CENTRIC SINCE OUR FOUNDATION

Original 1990s EtherWAN equipment is still powering ITS networks today, showcasing our engineering excellence and long-term commitment to our customers. But that's not all—here's what sets us apart:

NETWORK SUPPORT



- Free tech support
- Network assessments
- Network designs
- Deployment support



TAILORED TRAININGS

- Over 250+ in-person trainings held for city engineers nationwide
- IMSA CEC ITS networking courses in-person & online

CERTIFICATIONS



- NEMA TS2 certified switches
- ISO 9001 certified manufacturer
- Specialized certifications, i.e. EN50121-4 for railway applications



LIMITED LIFETIME WARRANTY

- All of our switches are covered by an industry-leading limited lifetime warranty

OUR 6-STEP PROCESS: HELPING YOU STAY ON TRACK

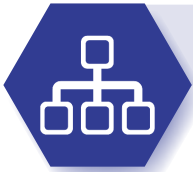
We simplify your projects with involvement that fits into your plans. Over 500 cities served.



1 | INITIATION

Once a problem is identified, we provide:

- A network assessment
- Best-practice recommendations



2 | PLANNING

Our Network Engineers create designs based on:

- Our network assessment
- Future-proofing networks for upcoming ITS technologies



3 | SECURITY

We recommend best practices for:

- Physical & network security
- Operating policy recommendations



EXECUTION | 4

Assist with implementation and configuration

- Offering hands-on deployment support
- Configuration via our Municipal Integrated Network Tool (MINT).



TRAINING | 5

We offer ITS network trainings on best practices

- IMSA CEC courses, In-person & online
- Practical demos & real world examples



MAINTENANCE | 6

Support networking maintenance / monitoring with:

- Network management tools for small (eVue) and large cities (SolarWinds®)
- Continued technical support

FEATURED PRODUCTS FOR ITS

We know that your ITS applications require tailored connectivity solutions for expanding networks. With features like 10G SFP ports and PoE watchdog, our solutions for ITS are built to support the health of your network both today and tomorrow.



12
1/10Gbit SFPs
8
1Gbit SFPs

EG97023
+Perfect for core connections
full layer 3 functionality
+High-density, high bandwidth fiber
+Hardened for harsh environments



LEARN MORE



4
1/10Gbit SFPs
16
1Gbit SFPs
8
1 Gbit RJ45s

EG97244
+Perfect for core connections
full layer 3 functionality
+High-density fiber & copper ports
+Optimized routing with fast lookup routing table



LEARN MORE



4
1/10Gbit SFPs
24
1Gbit SFPs
8
1 Gbit RJ45s

IG5 Series
+Precision Time Protocol Support (IEEE 1588 PTP)
+Equipped w/ Lite layer 3 functionality
+Perfect for aggregation and distribution



LEARN MORE



UP TO 16
TOTAL PORTS
UP TO 90W
PER PoE PORT
360W
POWER BUDGET

EX78900X Series
+Network Access Security
Features for each port
+Gigabit PoE (12) & Dual-Rate 1G/10G SFP+ (4)
+Lite Layer 3, Non-PoE options available (EX73900X)



LEARN MORE




UP TO 12
TOTAL PORTS
UP TO 90W
PER PoE PORT
480W
POWER BUDGET

EX78900G Series
+Tri-Speed 100M/1G/2.5G SFP ports
+Small design & front facing ports
+Lite layer 3



LEARN MORE



UP TO 16
TOTAL PORTS
UP TO 90W
PER PoE PORT
360W
POWER BUDGET

EX78900H Series
+Network Access Security features for each port
+Gigabit PoE (12) & Gigabit SFP (4)
+Lite layer 3



LEARN MORE




UP TO 16
TOTAL PORTS
UP TO 60W
PER PoE PORT
240W
POWER BUDGET

EX78900E Series
+Network Access Security Features for each port
+Gigabit PoE (12) & Dual-Rate GbE SFP (4)
+Lite Layer 3, Non-PoE options available (EX73900E)




LEARN MORE



UP TO 20 Mile
Connections
UP TO 867 Mbps
Data Transmission

EW75000 Series
+Available in Access Points, bridges, and AP/bridge combos
+IEEE 802.11a/n/ac (5GHz)
+Advanced management features



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