

## Dantel IP Interface Conversion Kit for Legacy E2A Alarm Networks

Seamlessly convert existing Analog based E2A alarm networks to TCP/IP

The IP retrofit kits seamlessly transition legacy analog based alarm networks used to transport E2A alarm data to a more reliable TCP/IP based network. These IP conversion solutions eliminate analog maintenance costs, increase overall network performance and reliability as well as improves troubleshooting capabilities by a **simple change of an interface**.

These conversion kits can be applied wherever E2A analog networks are currently being used. The embedded base of core alarm equipment & alarm wiring infrastructure remains in place.

The Dantel IP kit leverages the existing investments in Dantel and other equipment manufacturer's (OEM) E2A alarm equipment, while keeping the NMA database configuration and Remote configurations virtually unchanged. All data between the NMA and Remote systems are transparent and simply communicates over IP instead of an analog bridged network.



**WebMon Matrix is at Host and Remote Sites**



**460 IP Subassembly  
Remote sites with a 460 ACS shelf**

The same WebMon Matrix is used at the Host sites (at NMA computer) and Remote sites (for non-dantel equipment). In the Host configuration the Matrix manages and initiates all IP connections to the remote devices. Each Host WebMon Matrix system supports up to 256 E2A logical system connections distributed over 24 physical ETEL serial channels. The Matrix has 6 slots and each slot supports one 4 port E2A serial card and can be scaled to specific site requirements.

In a Remote application the Matrix is passive and awaits Host Matrix connectivity. A Remote WebMon Matrix system is primarily used for other equipment manufactures E2A systems. For existing Dantel 460 ACS systems an integrated direct-connect 460 IP subassembly is used, directly replacing a 202 Tone Modem subassembly (used for analog network) in the Dantel E-System Adapter module. No additional rack space required.

**Benefits:**

- Improve technology & Remote Access
- Leverage existing equipment
- Minimize labor costs
- Eliminate maintenance costs
- Leverage existing rack space
- No configuration or database changes

**Key Features and Capabilities:**

- Self-healing capability & IP Troubleshooting
- Integrated 10/100 BaseT & FTP upgrades
- Multi serial support to IP conversion
- System configuration utility
- Supports 256 Logical ETELS
- Scalable port capabilities up to 24 per Matrix

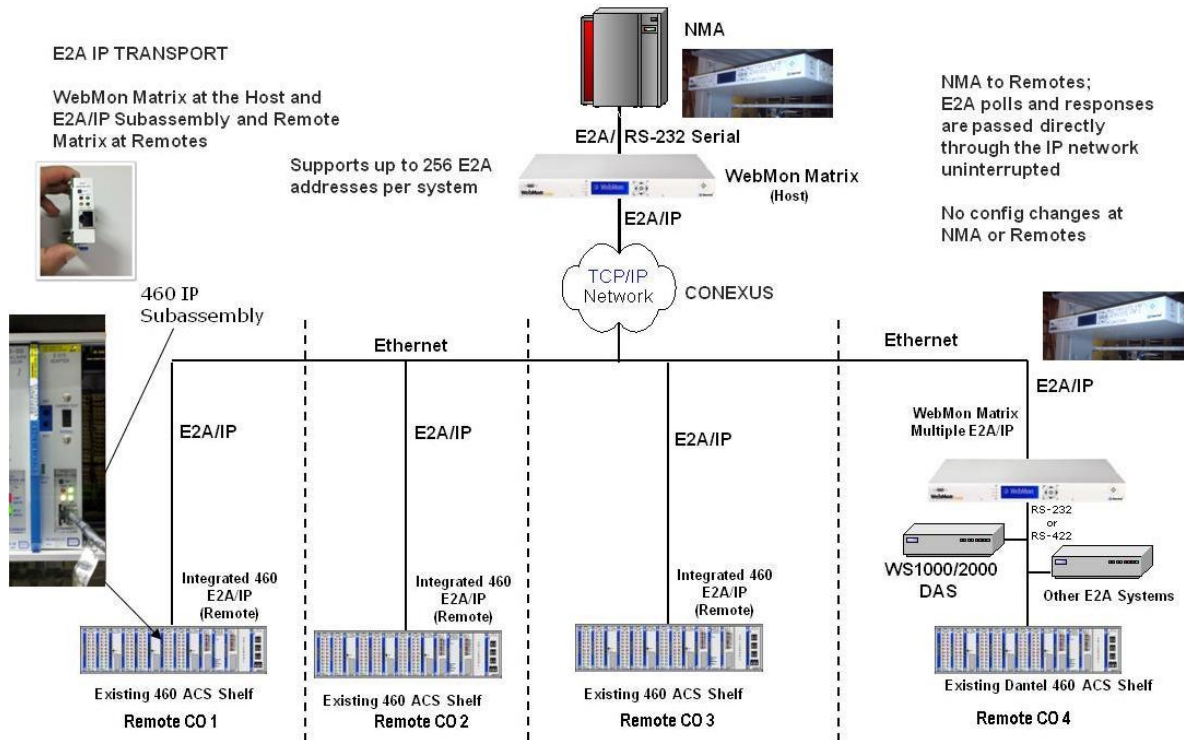
Dantel E2A/IP Product Parts & PIDs	
Descriptions	Part Number
WebMon Matrix - Host or Remotes Sites	X15-5200-48
WebMon Matrix - Host or Remotes w/LCD	X15-5200-48 List 1
WebMon Matrix 4 Port E2A Serial Card	X11-52105-11
460 E2A/IP Subassembly (HECI Code: RMC2AABAAA)	B12-49515-02

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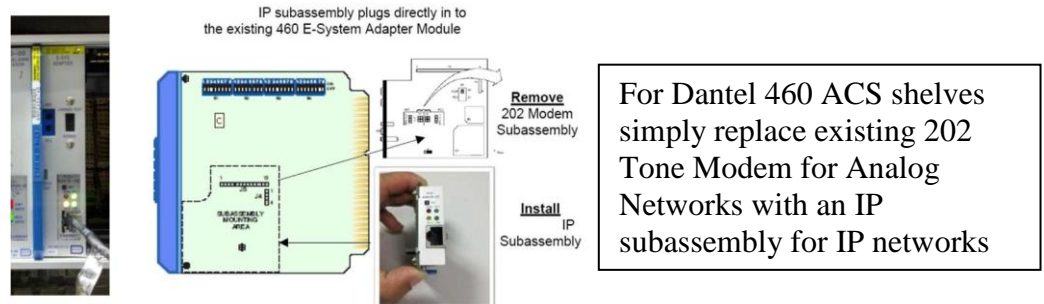
For additional information contact Info@dantel.com, call 559 292 1111 or 800 432 6835 [www.dantel.com](http://www.dantel.com)  
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At the NMA Host site, the WebMon<sup>®</sup> Matrix is positioned to convert NMA serial to IP and to manage remote IP connections to the remote E2A/IP sites. At the remote sites the WebMon Matrix is used for multiple Non-Dantel E2A systems. Another remote solution is a Dantel E2A/IP subassembly used to directly replace the existing analog 202 Tone modem. In this application no additional relay rack space is required & the Dantel shelf is IP ready in a matter of minutes.

## Dantel IP Based E2A Alarm Network for Dantel 460 ACS and Others



## Dantel 460 ACS - E-System Adapter Integration IP Upgrade Process



## Dantel WebMon Matrix – Front and Back Views (scalable serial ports)

The Matrix is scalable

The Matrix has 6 slots and can support from 4 to 24 serial E2A ports at the Host or Remote sites