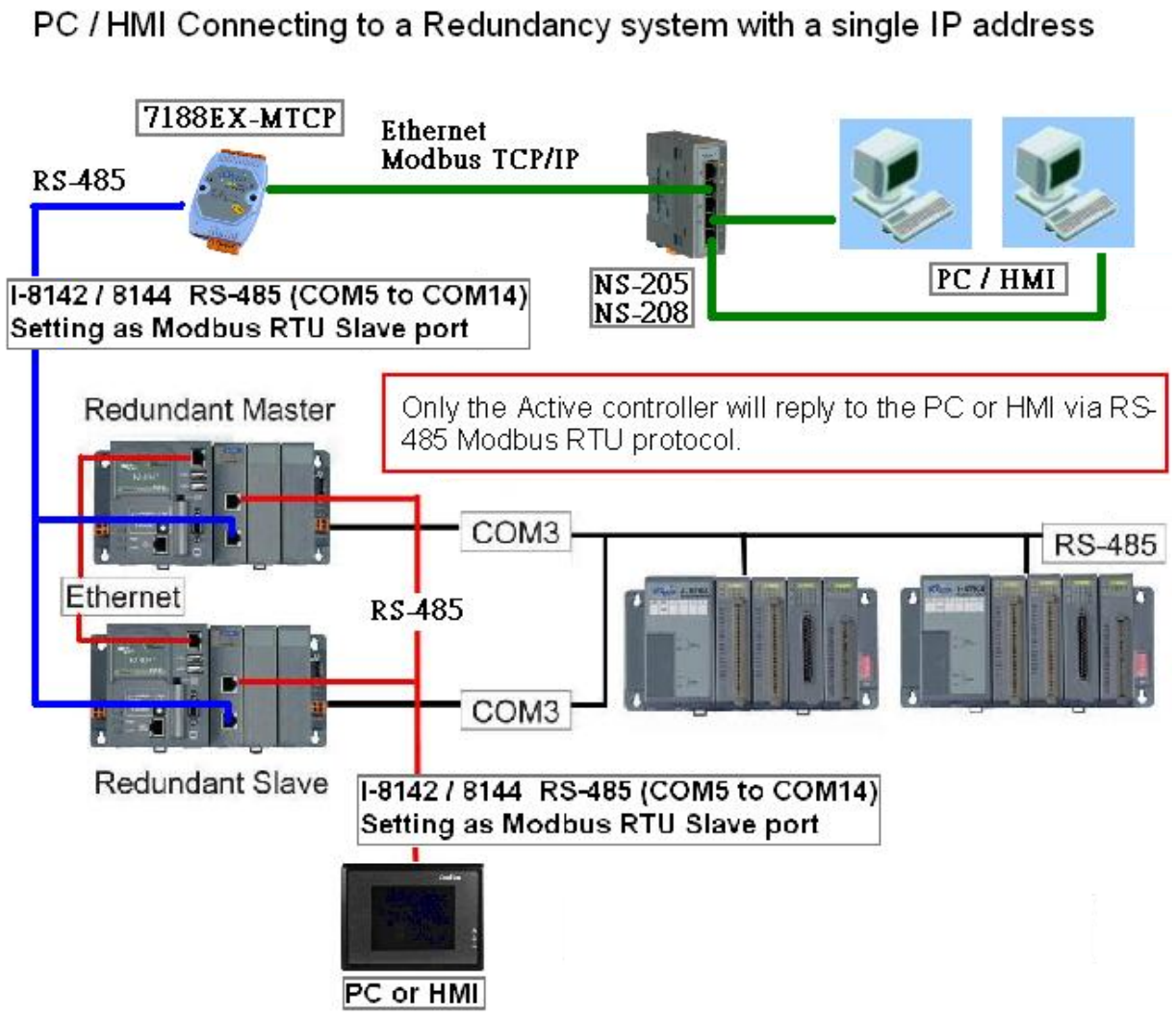
How to connect PC / HMI to a Redundancy system with a single IP address?

Two WinCon-8347/8747 & WinCon-8346/8746 can setup as one redundancy system. The PC/HMI/SCADA software can connect to one I-7188EX-MTCP to convert Modbus TCP/IP protocol to become Modbus RTU RS-485 protocol and then to these two redundancy controllers as below figures. Then the HMI software running on PC can use only one target IP address (I-7188EX-MTCP's IP) to link to the redundancy system.

Click the following link for more information about products.
I-7188EX-MTCP Modbus Gateway (Link)
Redundancy System (refer to ISaGRAF FAQ-036)
NS-205/NS-208 Ethernet Switch (Link)
M-7000 I/O Modules (Link)

Figure 1:

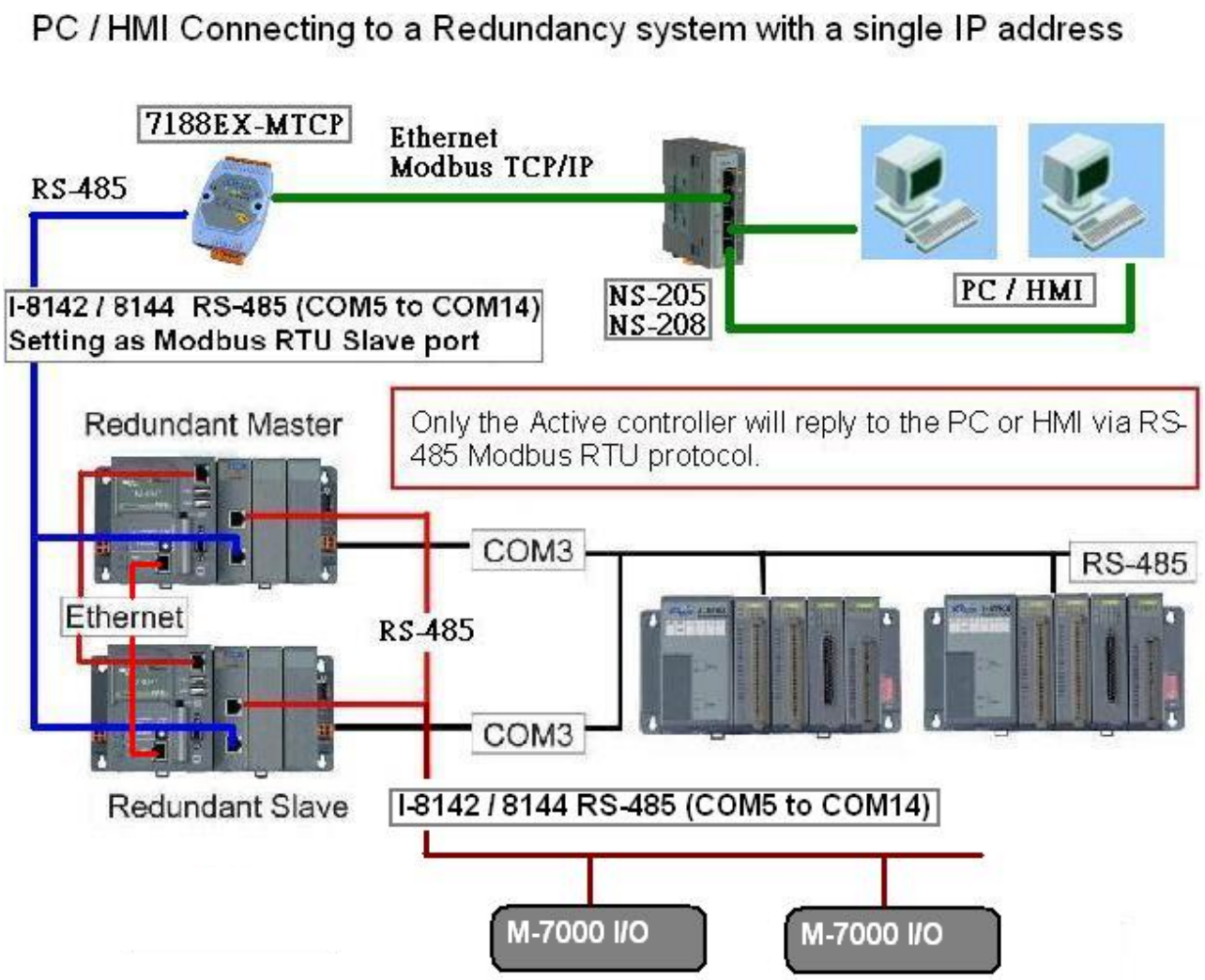


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Figure 2:

The redundancy system supports not only I-87K I/O in I-87K4/5/8/9 base, but also M-7000 series I/O modules. http://www.icpdas.com/en/product/guide+Remote__I_O__Module__and__Unit+RS-485__I_O__Modules+I-7000

Two redundancy WinCon-8x47 / WinCon-8x46 can connect their LAN1 to LAN1 and also LAN2 to LAN2. If one cable is damaged, the other one still works.



Click the link for more ISaGRAF FAQ:
http://www.icpdas.com/en/faq/index.php?kind=280#751

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