| Classification | ISaGRAF Chine |         |       |      |           |      |     |
|----------------|---------------|---------|-------|------|-----------|------|-----|
| Author         | Chun Tsai     | Version | 1.0.0 | Date | Mar. 2007 | Page | 1/2 |

## 如何使用 PC 上的 VB.net 2005 程式,並以 Modbus TCP/IP 來與 ISaGRAF PAC 連接?

下列 ICP DAS ISaGRAF PAC 都有支持 Modbus TCP/IP Slave 通訊協定,請參訪 ISaGRAF 網站 了解更多新產品資訊。

https://www.icpdas.com/en/product/guide+Software+Development\_\_Tools+ISaGRAF#442

I-7188EG, I-8437-80 / I-8837-80 / I-8437 / 8837, uPAC-7186EG, ...等等。 (下列產品已停產) Wincon-8037 / 8337 / 8737 / 8036 / 8336 / 8736 Wincon-8047 / 8347 / 8747 / 8046 / 8346 / 8746

PC 上若有裝 VS.net 2005 frame work,可以執行本例的 "MBTCP\_demo" 內的 VB.net 2005 demo 程式,來與以上的 ISaGRAF PAC 相連接。測試步驟如下:

請設好 PAC 的 IP 為此 VS.net 2005 程式內所要連的那個 IP 地址 (本例 PAC 使用 IP = 10.0.0.103),請留意您的 PC 也需將 IP 設在與 PAC IP 相同的一個網域內,才可正確連上 (比如可設 PC 的 IP 為 10.0.0.9)。

 請把 ISaGRAF 程式 "Wdemo\_48" 下載到控制器內。
("Wdemo\_48.pia" 與 "MBTCP\_demo" - VB.net 2005 demo 程式可到以下網址下載 http://www.icpdas.com/en/faq/index.php?kind=280#751 - FAQ051)

3. VB.net 2005 在設計時需使用 "Winsock control" 才能使用 Ethernet, 請於 "Tools" - "Choose Toolbox Items" 內選取 "Microsoft Winsock Control, …" 來加上它。

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| Author  | Chun Tsai                                | Version 1.0.0   | Date                                     | Mar. 2007                               | Page 2/2       |  |  |  |
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| 4. 之後拉出一位   | 卣 Winsock cor                            | ntrol 到您 VB.net 20  | 105 的 form1 P                            | J •                                     |                |  |  |  |
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| E Ch  | eckedListBox                             |   |  |   |                |  |  |  |
|   |  |   |  |   |                |  |  |  |
| 5. 如果您的 ISaGRAF PAC 是設成不同的 IP · 則 form1 內的 IP 要改。               |  |   |  |   |                |  |  |  |
| Av)Minsock1 Remote Hest = "10.0.0.102"     (木例早設 d) 10.0.0.102) |  |   |  |   |                |  |  |  |
| AXWINSOCKI.REMOLEHOSL = 10.0.0.103 (4)沙定取成 10.0.0.103)          |  |   |  |   |                |  |  |  |
| <br>  6_ Re-built_此 VB net 2005 demo project,之後執行它來跟_PAC_連接。    |  |   |  |   |                |  |  |  |
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| 點選連結查看更多 ISaGRAF FAQ:   |  |   |  |   |                |  |  |  |
| http://www.icpdas.com/en/faq/index.php?kind=280#751             |  |   |  |   |                |  |  |  |
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|   |  |   | Technical Doc                            | iment                                   |                |  |  |  |
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