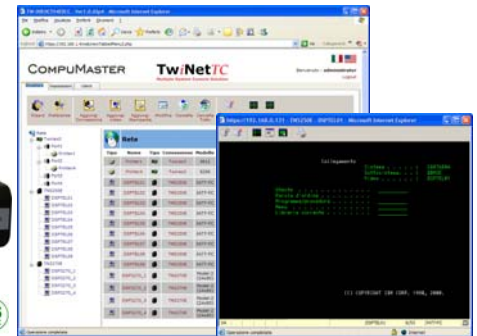The most Simple and Secure way to remotely Access ANY **member of the IBM System i Family.**

TwiNetTC provides secure remote access from a TCP/IP network to any IBM **i5, iSeries,** AS/400, S/36 or **Twinax** Remote control unit.

**TwiNetTC** represents the next generation of the CompuMaster TwiNet product.

**TwiNetTC** is an highly reliable embedded device that act as a HTTPS/SSL Secure Gateway to any IBM iSeries AS/400, S/36, or Advanced S/36.

The TwiNetTC applications:

◆ **Secure Web access portal to AS/400 applications.**
Because TwiNetTC uses SSL/HTTPS, it is possible to access AS/400 display sessions remotely without a security risk.
Connections to host can be either Twinax with SNA protocol or Ethernet TCP/IP with Telnet 5250E , Telnet 3270E or both types.

◆ **Browser or local client access.**
With TwiNetTC display emulation sessions can be accessed either via a browser using an ActiveX control, or via a dedicated client application installed on a PC. With either method the session is secure via SSH/HTTPS.

◆ **TCP/IP access to system consoles including LPAR (Logical PARtitioning) configured systems requiring multiple consoles.**
The system console is typically a Twinax terminal connected to port 0, address 0 and is the only terminal from which it is possible to perform certain system administration activities.
TwiNetTC allows use of the system console from any remote PC connected via LAN, WAN, VPN with SSL and HTTPS security. The TwiNetTC4 model handles up to 4 consoles simultaneously.

◆ **Access to display and printer sessions from any PC connected on the network to IBM AS/400, S/36, or Advanced S/36 Twinax control units (52xx, 53xx, 54xx).**
Existing IBM systems with only Twinax support are limited in that the Twinax devices traditionally are not accessible over an existing TCP/IP network infrastructure.
TwiNetTC allows integration of legacy systems on TCP/IP networks by making these devices accessible to PCs the network. Display and printer sessions can now be easily accessed over the TCP/IP network. With the TwiNetTC4 up to 28 Twinax device sessions can be accessed.

◆ **PDF printer session.**
The TN5250E printer session produce PDF printouts that are directly displayed to the associated user.

◆ **MDI Display Sessions**
With TwiNetTC it is possible to display multiple display sessions in a single window as shown to the right.
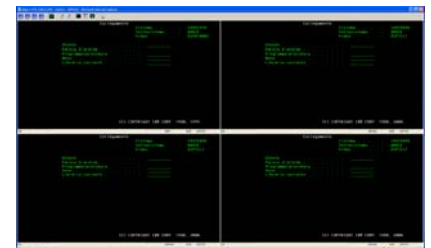
◆ **Safe session mode**
TwiNetTC keeps the Twinax connection active even if there is an interruption in the TCP/IP network traffic to the TwiNetTC. This assures that when a display session is reconnected, the session is exactly as it was when the disconnect occurred.

**Example of a typical TwiNetTC application.**

TwiNetTC can be connected to the IBM iSeries system via Ethernet, via Twinax or both. It allows you to access the IBM display and printer sessions using HTTPS SSL from any IE browser, either it is a local or remote workstation.
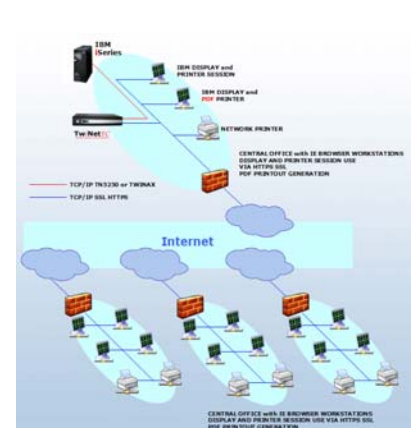
| TECHNICAL SPECIFICATION | TwiNetTC | TwiNetTC4 | TwiNetTC100 |
|---|---|---|---|
| Processor | VIA C7 LP V4 - 1.3GHz | VIA C7 LP V4 - 1.3GHz | VIA C7 LP V4 - 1.3GHz |
| Operating System | Windows XP Embedded | Windows XP Embedded | Windows XP Embedded |
| RAM Memory | 256MB | 256MB | 512MB |
| Flash Memory | 512MB | 512MB | 512MB |
| External Power Supply 100/240VAC 50/60Hz, 12V 4A DC | • | • | • |
| Dimensions H x W x D | 292 x 53 x 237 mm | 292 x 53 x 237 mm | 292 x 53 x 237 mm |
| CE, FCC Class B, GS TUV, UL Certifications | • | • | • |
| Temperature Range (Working Operations) | 0° ÷ 40° | 0° ÷ 40° | 0° ÷ 40° |
| Humidity | 0% ÷ 90% | 0% ÷ 90% | 0% ÷ 90% |
| **Peripheral** | | | |
| Twinax Interface remote unit | **1 port** (7 addresses) | **4 ports** (7 x 4 addresses) | - |
| Connection Twinax Cable | DB15 Female – T Twinax | DB15 Male – 4 Twinax | - |
| Ethernet RJ45 | 10/100BaseT | 10/100BaseT | 10/100BaseT |
| Monitor DB15 VGA/SVGA | • | • | • |
| Monitor DVI | • | • | • |
| Mouse and Keyboard PS/2 | • | • | • |
| 2 x RS-232 ports | • | • | • |
| 4 x USB 2.0 ports | • | • | • |
| Slot PC Card (Cardbus) | • | • | • |
| Audio In MIC (1 x 1/8 inch jack) | • | • | • |
| Audio Out Headphones (1 x 1/8 inch jack) | • | • | • |
| DB25 parallel ports | • | • | • |
| **Client Systems supported** | | | |
| Client PC | Windows 98/XP, 2000/2003 | Windows 98/XP, 2000/2003 | Windows 98/XP, 2000/2003 |
| Thin Client CompuMaster | XP series | XP series | XP series |
| Browser | IE 6.0 | IE 6.0 | IE 6.0 |
| **Host Systems supported** | | | |
| AS/400 iSeries | from V3R2 to V5R4 | from V3R2 to V5R4 | from V3R7 to V5R4 |
| Advanced Series/S36 | All models | All models | - |
| System/36 | All models | All models | - |
| Remote control units | 52xx, 53xx, 54xx | 52xx, 53xx, 54xx | - |
| **Protocols and clients** | | | |
| SNA 5250 | • | • | - |
| TN5250E / TN3270E | 8 sessions | 32 sessions | 100 sessions |
| 5250 ActiveX (SSL) emulator | Display | Display | Display |
| TwiNet Gold (SSL) client emulator | Display and Printer | Display and Printer | - |
| TN5250E printer emulator | - | PDF | PDF |
| Print2000 Secure Gateway advanced printer support | - | • | • |
| HTTPS | • | • | • |
| SSH (remote access) | • | • | • |
| **TwiNet Gold emulator specifications** | | | |
| Supported operating systems | 95/98/NT/ME/XP/2000/2003 | | - |
| Supported display emulations | IBM 5251, 5291, 3196, 3180-2, 3477-FG, 3477-FC, 3278x | | - |
| Supported printer emulations | IBM 5256, 5224, 5225, 4214, 4234, 5219-D, 3812, 3287 | | - |
| Euro symbol support | | • | - |
| Macro, hotspot, programmable keyboard | | • | - |
| Editing keyboard profile and video attributes | | • | - |
| Cursor shape and selectable/modifiable fonts | | • | - |
| Cut and Paste function Record/Playback | | • | - |
| C.O.R. support, quality override, Hex Pass Through | | • | - |
| GDI printer Driver and text mode | | • | - |
| CPI, LPI, quality LQ and NLQ override support | | • | - |
| **Administration** | | | |
| Via HTTPS browser | • | • | • |
| CompuMaster ThinMan 5.0 support | • | • | • |
| Remote update via Browser | • | • | • |
| **Warranty** | | | |
| 1 year ex-factory. Free period extension of 2 year upon product registration on CompuMaster web site | | | |

| Description | Part No. |
|---|---|
| **TwiNetTC SNA Gateway** 1 port TW 7 addresses | **CMTWINETTC** |
| **TwiNetTC4 SNA Gateway** 4 ports TW 28 addresses | **CMTWINETTC4** |
| **TwiNetTC100 SNA Gateway** 100 TN5250 session | **CMTWINETTC100** |

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