

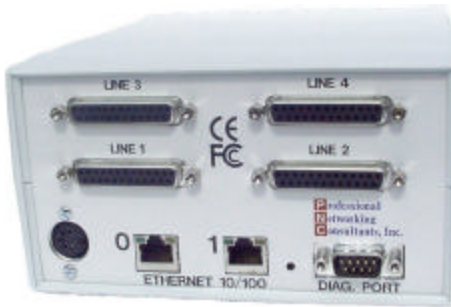
# Solutions

## Terminal Server

### ATS-2DT/4DT Desk Top Terminal Server

(for Asynchronous and/or Synchronous lines)

PNC's ATS-2DT/4DT (**D**esk **T**op case) Terminal Server allows Asynchronous and/or Synchronous lines to be connected to a Unisys, Tandem or non-Unisys hosts. The ATS-2DT/4DT has an embedded operating system, no PC is needed. ATS-2DT/4DT is controlled by PNC's **GUI based Remote Manager** on any Windows98, WindowsMe, WindowsNT, Windows2000, WindowsXP, Windows 2003 PC that has appropriate security. The ATS-2DT/4DT provides a gateway from the proprietary Unisys/IBM terminal device(s) such as terminals, PCs with Terminal Emulators, Document Processors, encryption devices and ATMs and ATM Service Centers to the proprietary Unisys, Tandem and other hosts via LANs and/or WANs. There is no need for BNA or NDL (cost savings) by the ATS2DT/4DT.



#### Legacy protocol supported

- Burroughs Poll Select Synchronous & Asynchronous
  - ✓ Group Poll
  - ✓ Poll Contention
  - ✓ Select only for output only terminals/printers
  - ✓ Response time-out values as a terminal definition
  - ✓ Burroughs Point-to-Point
  - ✓ Burroughs Inverse Poll/Select
  - ✓ CANDE editing, including Scroll mode
  - ✓ Poll/Select including various types of NCR terminals
- Bisynchronous Protocols:
  - ✓ 2780
  - ✓ 3780
  - ✓ 3270 (forward & reverse)
  - ✓ DP1N00 Reader/Sorters (aka ORS)

- TTY
- Hayes Modem compatibility Asynchronous & Synchronous.

#### Configuration rules

- Each ATS-2/4DT can address up to 100 legacy stations
- Each ATS-2/4DT has a 168Kbps aggregate band pass
- Each ATS-2/4DT can be located anywhere in network
- ATS-2/4DTs are cascaded until needs are met
- High Speed (56K) port is port #1
- High Speed (56K) cable not to exceed 3 feet

#### Hosts supported

- Unisys via telnet (TCP/IP)
- Unisys via, CCF (**C**ustom **C**onnect **F**acility)
- Tandem host via CTS
- Non-Unisys hosts socket/port interface

#### User supplied hardware & software

- Libra/LX7N00/ClearPath/"A" Series Unisys host
- For Unisys TCP/IP ICP and/or CCF
- For Tandem CTS
- For other hosts socket/port interface
- Network hardware such as WAN a router
- Cabling, straight thru DB25 male connector
- TDI converter(s) if needed.

#### Remote Manager

- Runs on an Microsoft Windows 98/Me/NT/2000/2003 PC
- Accesses ATS-2DT/4DT
- Console capability
- Security needed to sign on
- Initial Setup is via HyperTerminal with PNC supplied cable to set IP address in ATS
- Remote Manager uses LAN or WAN to set up the ATS
- Resident PC need not be local to ATS
- GUI based with drop-down menus
- Wizard is a separate install, uses Microsoft's no-charge Merlin Wizard
- Merlin tutors and fills in ITI legacy device specifications

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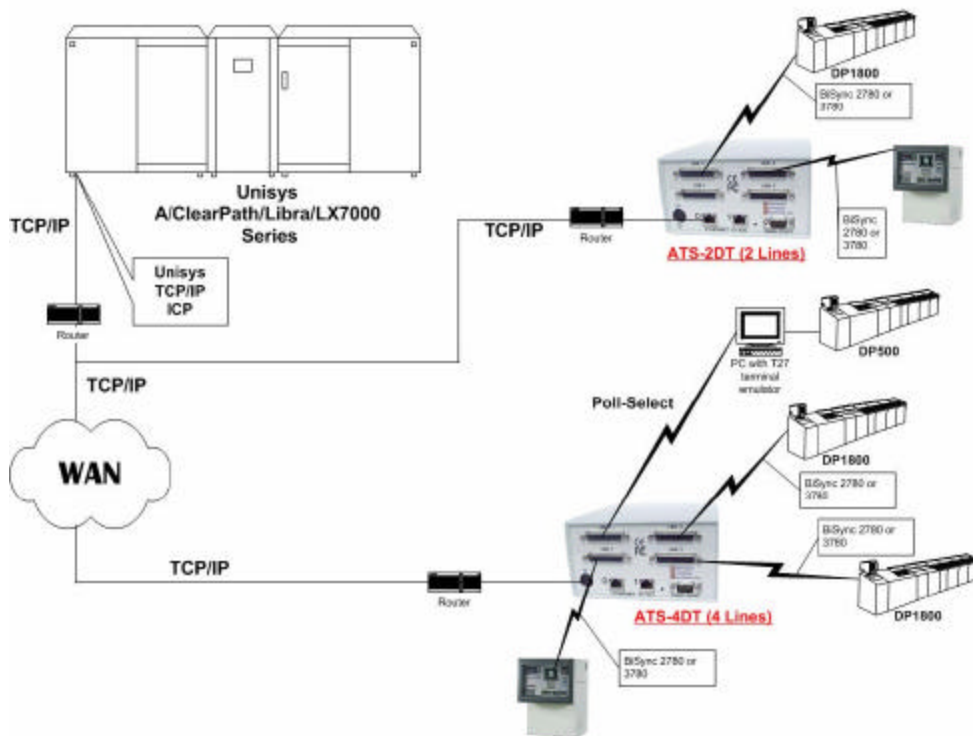
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# PNC's **ATS-2DT/4DT** (**Advantage Terminal Server - 2 Line or 4 Line in a Desk Top case**)



## ATS-2/4 Remote Manager and Legacy Line Monitor

**Monitor Line 1**

PAUSE 2 CLR FONT

Terminal window showing a grid of characters.

**linux : ATS Manager by PNC, Inc.**

Uses Microsoft Agent Technology MerLin(c)1996-1998 Microsoft Corp.

**Line 1**

Var#1 Var#2 Name Poll Select

CTS 10 RTS 0

Protocol Poll Select

Baud 9600

Mode Sync

Type Leased / Direct

Parity Odd

Data Bits 7 bits/byte

Station Reinstate Time 30 Retry 5 Up At BOJ

Idle Line Disconnect 2 X 15 Sec. Line #1 Enabled

Line Wizard

Line 1 Up Line 2 Up Line 3 Up Line 4 Disabled

Line 5 Up Line 6 Disabled Line 7 Disabled Line 8 Disabled

Line 9 Disabled Line 10 Disabled Line 11 Disabled Line 12 Disabled

Hosts and Unit IP Lines Stations(4) Diags - Utils

Down Line: 1

Purge Add Modify Refresh Last Stat

Up Delete Zero Counters Monitor Line 1 record

MGR-Time Messages

10:59:18 LineMonitor ON

10:59:45 Line 1 DOWN Performed

10:59:58 Send Modify Line 1

10:59:58 Line 1 MOD Performed

10:59:59 Line 1 UP Performed