

**A FAMILY OF DESKTOP ACCESS SOLUTIONS**

Combines the flexibility and power of a PC with the low cost, hassle-free administration and security of a terminal

Configurable as a Windows®-based Terminal or a Network Text Terminal

Seamless information access to Windows, Internet/Intranet, Java, UNIX and legacy applications

Unique design facilitates “customer-paced” migration path and protection of investment

Reduces administration costs via Viewpoint® administration software tool

**THE BEST OF BOTH WORLDS**

Traditionally, users had only two perspectives in viewing computer solutions: a centralized view via display terminals that provide a low cost, secure solution with minimum administration requirements and a decentralized view in which PCs make it possible to increase productivity through access to Windows® applications. While both offer users many advantages, organizations were forced to select a solution and deal with the trade-offs of each. Now, Boundless Technologies offers a fresh view to computing: the Viewpoint® TC family of thin-client devices. Viewpoint TC successfully combines the low cost, hassle-free administration and security of terminals, with the application access and productivity tools of a PC.

**APPLICATION ACCESS/SEAMLESS INFORMATION**

Whether your current or future computing demands require access to Windows, UNIX, legacy or Java applications, Viewpoint TC provides seamless information access. Viewpoint TC's logic box is the building block that can take you where you want to go. For example, combined with Boundless' local terminal emulation software module, Viewpoint TC can be used to access existing UNIX and legacy applications, acting as a terminal replacement. With Microsoft® Windows Terminal Server or Citrix WinFrame™, Viewpoint TC enables users to run 16/32 bit Windows applications. Users can also browse the Internet/Intranet or accessX applications with a Viewpoint TC. The possibilities are Boundless.

**SUPERIOR PERFORMANCE**

Based on an x86 Intel compatible architecture, with an AMD 133 MHz processor and expandable RAM, the Viewpoint TC is both powerful and flexible.

**CUSTOMER-PACED MIGRATION ELIMINATES TECHNICAL OBSOLESCENCE**

With unpredictable changes occurring in your environment at a mind-boggling pace, it's impossible to know exactly what you'll need in the future. Have you been forced to retire products long before their anticipated life expectancy? Are you concerned about investment protection? How can you be sure that the solution you implement today will provide you with the flexibility you require to meet your current and future needs? Let Boundless Technologies put you at ease. Viewpoint TC is unlike any other thin-client device available. With all models based on one platform, you can meet your current and future needs whether they be text, Windows, Internet/ Intranet or Java capabilities. Simply install the Viewpoint TC logic box platform and select from various optional software modules and upgrades to suit your needs, at your own pace. As your applications move from text to Windows, to the Internet/ Intranet and even Java, Viewpoint TC keeps moving with you. Your investment in the Viewpoint TC logic box, keyboards, mice and monitors are maintained. It's called "customer-paced migration" and you've never seen anything like it.

**HASSLE-FREE, LOW-COST ADMINISTRATION**

Viewpoint Administrator software eliminates the hassle and cost typically associated with system administration of networked PCs. Viewpoint Administrator centralizes the management of all Viewpoint TCs on the network allowing administrators to upgrade, configure and distribute applications from their one central location or even remotely.

**FAMILY FEATURES**

- AMD 133 MHz 5x86 CPU
- 4-64MB EDO DRAM
- 128KB Phoenix BIOS
- 4MB flash memory
- 1MB video RAM
- (1) 32-Bit PCI & (1) 16-Bit ISA Expansion Slot
- 2 Serial RS-232C with DB-9 male connectors
- 1 Parallel Port with DB-25 female connectors
- Front panel "Smart Card" slot (option)
- 58.42mm (H) x 317.5mm (W) x 307.34mm (D)
- Metal case with optional fan
- Internal auto-sensing power supply
- On-board IDE controller for optional peripherals network

**NETWORK**

- Ethernet (IEEE 802.3) standard
- 10BaseT standard
- RJ-45 connector
- Direct connect networking (RS-232) standard
- Dial-up networking (PPP) standard

- \* 10Base2 optional
- \* 100BaseT optional
- \* Token Ring optional
- \* Coax/twinax direct connect optional
- \* Others supported through ISA/PCI slots

**PROTOCOLS**

- TCP/IP
- PPP
- DNS
- DHCP

**VIEWPOINT TC**

**MODEL 100/125/155**

Positioning: Network Terminal

- Built-in Ethernet
- Coax/twinax direct connect available
- 4MB flash, 4MB DRAM standard
- Expandable flash and DRAM
- Supports Wyse 50/60, VT320, SCO ANSI, IBM 3151, 3270, 5250 Data General 412, AT-386
- Multiple concurrent sessions

\* Can be upgraded to other models via Viewpoint Administrator

**MODEL 200**

Positioning: Windows® -based Terminal

- Local ICA client
- Supports Microsoft® Windows Terminal Server or Citrix WinFrame™ servers
- 4MB flash, 4MB DRAM standard
- Expandable DRAM

\* Can be upgraded to other models via Viewpoint Administrator

**MODEL 300 (SUBJECT TO CHANGE)**

Positioning: Windows® -based Terminal

- Windows CE operating system
- Local RDP client
- 4MB flash, 8MB DRAM standard
- Expandable DRAM
- \* Optional local terminal emulations
- \* Optional ICA client

**MODEL 400 (SUBJECT TO CHANGE)**

Positioning: Windows® -based Terminal

- Windows CE operating system
- Local ICA client
- Supports Microsoft® Windows Terminal Server or Citrix WinFrame™ servers
- 4MB flash, 8MB DRAM standard
- Expandable DRAM
- \* Optional local terminal emulations

**USE THIS CHART TO DETERMINE THE APPROPRIATE MODEL**

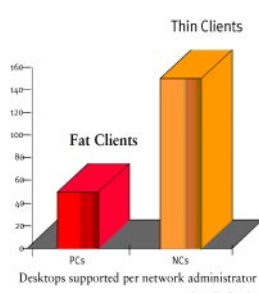
If you are using this today:	Consider Models:			
	1xx	200	300	400
Terminals (ASCII/ANSI)	•			
PC's		•	•	•
Network Computers		•	•	•
X-Terminals		•	•	•
<b>If you want:</b>				
PC Alternative/Universal Access		•	•	•
Windows		R	R	R
3270/5250 Emulation		R	L/R	L/R
Internet Browser		R	R	R
Java		R	R	R
PC X-server		R	R	R
Terminal Emulations	L	R	L/R	L/R

L = runs locally  
R = runs remotely

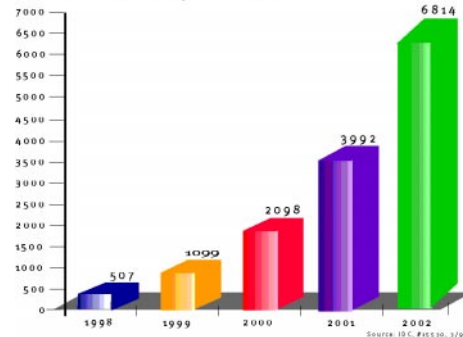


Rear Port Layout - not to scale

**NETWORK ADMINISTRATORS CAN SUPPORT MANY MORE NCs THAN PCs**



**THIN-CLIENT PROJECTIONS - IDC**



"The new Boundless Viewpoint TCs clearly address the expandability and performance that users are looking for in an NC client. The overall expandability positioning of the Boundless Viewpoint TCs is unique in the NC client market. Accordingly, Boundless ought to be able to capitalize by targeting enterprises that are contemplating an NC client direction, but are not yet ready to dive in. The capability of the products to expand to the next level of desktop when needed, in steps, confirms the potential implied in the company's name - Boundless."

Source: IDC Flash, #13535, 5/97

**NEW YORK**

100 Marcus Boulevard  
Hauppauge, NY 11788-3762  
516.342.7400  
800.231.5445  
FAX 516.342.7378  
http://www.boundless.com

**AUSTIN**

Echelon IV, Suite 200  
9430 Research Boulevard  
Austin, TX 78759-6543  
512.349.5800  
FAX 512.346.7062

**EUROPE**

Den Bommel 2  
4194 TZ Meteren  
The Netherlands  
+31(0)345 56 56 56  
FAX +31(0)345 56 56 57



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