

VCP1000



VCP 1000 Communications Server Base Unit

The VCP 1000 represents a radical new communications platform. Unlike conventional terminal server architectures which provide a single networking and user connectivity strategy, the VCP 1000 separates these functions, moving them onto individual slide-in expansion Line Cards.

The VCP 1000 Base Unit can be customized to satisfy a wide range of networking requirements by selecting the proper combination of easily installed VCP 1000 Line Cards.

The VCP 1000 is protocol independent, employing a single Enhanced Network Interface Card (E-NIC) that is responsible for all network connectivity. It incorporates the full complement of hardware and software necessary to implement a particular, industry-standard networking strategy, such as LAT, TCP/IP, or dual protocol LAT and TCP/IP. Firmware upgrades to the E-NIC are achieved quickly and easily by use of a slide-in software card. Exceptional performance and reliability are realized by use of Custom Gate-Array Logic as well as by a dedicated Intel 80186 processor and 82586 network coprocessors.

The VCP 1000 provides four expansion slots that are reserved for VCP 1000 Line Cards. Each Line Card implements a unique user/server interface. Users and peripherals can be connected through our 8-port RS232 Line Card or via our 16- and 32-port RS423 Line Cards. You can also choose from a variety of advanced communications Line Cards. These include an eight Hayes-compatible modem Line Card, an X.25 PAD Line Card, a Network Protocol Translator Line Card, a LAN-to-SNA 3270 Gateway Line Card and more.

A back-lit front-panel LCD display provides a user-friendly, menu-driven interface allowing complete control over all server operations and capabilities. An extensive array of diagnostics and operational displays are provided to facilitate trouble-shooting at the source.

The VCP 1000 is a free-standing or rack-mountable 5¼" high unit that can be expanded to support an unprecedented 256 users.

Features

- **Flexible Communications Platform**

Lets you quickly implement a preferred networking strategy via easy-to-install VCP Line Cards and an appropriate Network Interface Card.

- **Small Footprint/High Capacity**

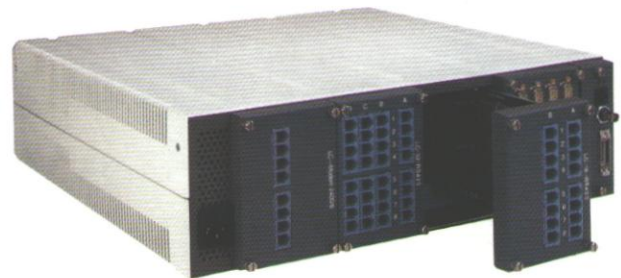
Allows up to 4 Line Cards per VCP 1000 Communications Server Base Unit, supporting an unprecedented 256 users with one 5¼" rack-mountable unit.

- **Easy Software Upgrades**

Compact slide-in Software Card facilitates the installation of new firmware on an E-NIC and supports the ability to serve as a software download master for all models of VCP servers. Simplifies traditional distribution and upgrade methods.

- **Cost Effective**

Exceptional capability combined with per port costs that are among the lowest in the industry.



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VCP-1000 Base Unit Specifications

Dimensions	Height 5¼" Width 17⅝" Depth 17⅝"
Weight	10 lbs.
Slot Capacity	1 Network Interface Card 4 Line Cards
Power Supply	90-132/180-264 Volts, 47-63 Hz Autosensing Maximum 2 amps (depending on configuration)
Front Panel	Full diagnostic and configuration functions Four lines by 40-character EI back-lit LCD display
Environmental Temperature Humidity Certification	0-40°C 10-90% non-condensing Meets FCC Part 15 Subpart J Class A specifications UL, CSA, GS Mark, VDE Level B approved

DATABILITY

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Is remote access to your corporate LAN running out of gas?



Datability's VCP 1000 advanced modem pool gives you the fuel you need

Need dial-in access to your Corporate LAN from PC portables and terminals at remote locations? Now there's an advanced modem pooling solution that gives you that and a lot more, all without the wiring chaos and space-consuming clutter of racks of individual modems.

Introducing the VCP 1000 Internal Modem Line Card

By sliding Datability's innovative Internal Modem Line Card into your existing VCP 1000, remote users can instantly access your corporate LAN's resources through any one of its eight Hayes-compatible modems. And, thanks to autoswitching, only a single line is needed. With space for up to four Internal Modem Line Cards per VCP 1000, you can pack the full power and functionality of 32 network-based modems in one 5 1/4" high unit.

A superior modem pooling solution

A sophisticated dial back option provides maximum security for your host computer. System administrators can even create LAN services with predefined telephone numbers that correspond to remote computer systems.

That means any LAN user can access remote systems as easily and transparently as they now access systems on their own network, without knowing a single telephone number or entering a single modem command.

Last but not least, this network-based solution requires fewer modems than distributed one-modem-per-user systems while freeing up banks of dedicated terminal server ports, simplifying cabling and maintenance in the process. This all adds up to significant cost savings over alternative solutions.

A special offer to existing VCP 1000 Communication Platform customers

Improve remote access to your corporate LAN by calling us to purchase the VCP 1000 Internal Modem Line Card in the next thirty days and we'll make you an offer you can't refuse.

