

VPC-9000
Calling Card Platform



The affordable turnkey solution for prepaid calling service providers.

- >> **Generate More Revenue**
- Real-Time Call Monitoring**
- Call Detail Information**
- Fraud Control**
- Multiple Rate Tables**
- Retail or Wholesale**

- >> **Easily Configurable**
- Custom Voice Prompts**
- 50+ Languages**
- Surcharge Capable**
- Changeable Billing**
- Increments**
- Balance Alert Warnings**

VLEC's VPC-9000 offers your business a calling card platform with a high port density in a small footprint.

The VPC-9000 can be deployed in both circuit-based and packet-based networks, so two business options are pre-paid Internet service and Voice over IP.

The VPC-9000 is capable of supporting multiple ports in an E1 or a T1 configuration.

Contact Information:

Please contact us for more information and pricing.

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VPC-9000 Supported Services:

- >> Prepaid Calling Cards
- >> Prepaid Internet
- >> Prepaid Mobile
- >> Prepaid Fixed Line
- >> VoIP
- >> Voicemail
- >> Teleconferencing
- >> SMS
- >> Interactive Voice Response (IVR)
- >> Call Center Services
- >> Web Call Back



Features

VPC Administrator

The VPC Administrator's easy to use Windows-based application allows you to start, stop, or monitor the system's performance, as well as to check the current status of each service per dual channel in real-time.

Configurable Voice Prompts

Different sets of voice prompts can be played per DNIS-based voice prompt configuration.

Call Detail Record

Every incoming and outgoing call is time-stamped and recorded in the database. This information is used for reference and call track reporting.

VPC Data Master

The VPC Data Master is a Windows-based application that interacts with your database and doesn't require DBMS knowledge. You can submit complex queries to the database management system and print or save the response to a file for further analysis.

VPC PIN Manager

The VPC PIN Manager generates thousands of personal identification numbers (PIN) in seconds with a proprietary algorithm. Using the VPC PIN Manager, users can generate PINs, filter unwanted PINs as well as several other innovative tasks.

Fraud Control

The database has a record for every incoming call, whether completed or not, and the reason for disconnect. It discourages potential fraud by prohibiting simultaneous use of a single PIN.

Surcharge Configuration

Several configuration options are available to impose a surcharge per:

- >> Country Code
- >> City/State Code
- >> Incoming Call from Pay Phone

Balance Alert Warning

Two levels of warnings are played to the caller when their account balances go below the minimum required threshold.

Technical Specification

Channel Capacity

- >> Single T1/E1: 24/30 voice channels.
- >> Dual T1/E1: 48/60 voice channels.
- >> Four T1/E1: 96/120 voice channels.
- >> Eight T1/E1: 192/240 voice channels.

Each model is expandable to accommodate additional voice channels.

Line Interface

	T1	E1
Framing	SF (D3/D4)	CCITT G.704-1988 with CRC4
Clock Rate	1.544 Mbps	2.048 Mbps
Connector	RJ-48C	RJ-48C
Loop-Back	Switch Selectable	Switch Selectable
Line Coding	AMI, AMI with B7	HDB3
Signaling	ISDN PRI, CAS	ISDN PRI, R2MF

Hardware Specification

The VPC-9000 series is enclosed in the award winning VPC-6908 rack mounted chassis, designed for mission critical applications and harsh industrial computing environments.

Dimension: 4U (17.5 cm)

Cooling System: Two front mounted, hot swappable cooling fans with air filters

Fault detection and alarm notification monitors fan failure and high temperature.

Operating temperature: 0°C - 50°C

Relative humidity: 10-95% @ 40°C, non-condensing

Power Supply: PS-260 (260 Watt max.), 110/220 VAC

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