

Teradon Raptor V IP Communication System



Utilizing the newest technology and quality Cisco® products, the Teradon Raptor V is the most advanced communication systems in its class. The Raptor V system features are delivered on a single rack mount server – making it easy to install, use, and manage. More importantly, it provides the most complete and cost effective communication system available today. Teradon Raptor V system is built on industry standard computers with Microsoft Windows, thus offering a low cost of ownership.

Teradon Raptor V systems are modular in design to address the distinctive needs of any location. This flexibility allows the purchase of just what is needed, thereby making it easy to meet every budget

requirements. With the Teradon Raptor V, you can continue to add communication system resources as demands increase, including powerful multi-site, remote site, and distributed office capabilities. The Raptor V ranges in sizes from 16 rooms to 4096 rooms to fit any size building.

Programming Interface



The intuitive interface of the Raptor V means site based management for most system changes such as adding zones, modifying caller id or changing scheduled announcement or bell schedules. With the capabilities of **unlimited schedules** and easy drag and drop functionality, the Raptor V is the easiest and most user friendly communication system available on the market today.

Paging and Bells

The Raptor V allows users to create up to **999** software programmable paging zones as well as perform intercom communications to individual rooms. This flexibility also extends to bell scheduling. The specific zoning of announcement or bell schedules can be easily set up so that only specific locations that need to hear an announcement, receive it. This allows for a less disturbing environment where multiple schedules are in use,

such as k-12 full campus application. The Raptor V allows up to three simultaneous schedules of any complexity to run at the same time. Because Teradon uses quality Cisco® products, you can be confident that your system will be operational.

Re-Defining Communications

Additionally the Raptor V AR2000 Series allows the user to add up to 999 telephones on the system. These can be either analog phones or Cisco/Linksys® VOIP phones. The AR2000 Series utilizes industry standard SIP protocols so that the user is not required to have a particular type of telephone. This means that with the addition of a high powered analog cordless phone, a principal can be mobile and still receive intercom calls and make pages. The AR2000 series has features found in most telephone systems such as caller id, call waiting, call forwarding, voicemail with e-mail notification as well as an automated attendant.

Web Accessible Programming



The Raptor V is easy to program built with an integrated help manual. Standard on the Raptor V system is the *Raptor on the Web* program, giving users increased freedom for diagnostics, management and immediate communication through a web browser. A user can now view who is calling in from

any location on the system to an administrative handset from the *Raptor on the Web* site in real time. This functions as a virtual caller ID that shows up to ten incoming or previous calls. Not only does the log display calls, but system functions such bells, paging and outbound calls as well. Users can also change the active bell schedules with the click of a mouse. Technicians can also view system logs and events giving immediate diagnostic capabilities. District staff can also upload and play audio files from any internet connected device. The audio files can be sent to one, or any number of Raptor V systems providing district wide all page at no additional charge. This flexible technology allows districts to make general announcements, emergency pages, give weather warnings or simply recognize staff and students. All of this is included in every Raptor V system at not additional charge. No maintenance or subscription fees are required for this service.

The versatility of the Raptor V also extends to the types of tones available. The Raptor allows up to 999 manual bells that can be imported or created WAV files. This is ideal for emergency situations where a calm voice or a special keyword needs to be said to the staff. Once set up, only dialing a number or the press of a button is required to play any tone through the system. With .WAV files, it is easy to be very creative with your intercom such as a school "Fight Song" as a bell for a pep rally or using a canned alert to tell students how much time is left in passing period. The possibilities are limited only by your imagination.

The Raptor V also allows for interconnection with other systems such as lighting, security, and fire alarm, analog or IP Phone systems. These connections can be programmed to respond to or control auxiliary systems via dry contact closures. For example, in conjunction with the bell schedule, the intercom could dim 50% of the lights in all hallways to reduce energy consumption of the school. The system could also play a tone or .WAV file in the case of fire as a backup to the existing fire alarm system.

Distributive Technology

The flexibility of the Raptor V lends itself to a standard structured cabling topology. The Raptor V allows for speaker modules to be placed in remote buildings or IDF closets to reduce overall wiring costs and thus the overall cost of the project. The Raptor V has two options for remote connection including copper and fiber optic/IP- using only reliable Cisco® products. For Schools with lightening issues between buildings, the fiber optic solution is ideal and effective. These solutions operate off of the existing network on a private V-LAN for security of the system and the safety of the schools occupants in emergency situations.

For more info please contact Teradon Sales at extension 201 or refer to specification sheets.

- Modular Design for expansion
- Remote Modules Eliminate Home Run cabling
- Accommodates both IP and Analog phones
- Built in Master Clock Software
- Comes equipped with internet radio and CD player
- Intuitive, easy to use Graphical User Interface
- Uses industry standard 25 volt technology for easy retrofit situations
- Hands free operation from classroom
- Microsoft XP or newer OS
- All equipment is Rack Mounted
- 999 Paging Zones
- Unlimited Schedules
- Wav file tones
- Unlimited pre recorded messages or tones
- 3 simultaneous active bell schedules
- repeating schedule programming
- drag and drop schedule changes
- Unlimited user defined holiday schedules
- Standard keyboard shortcuts for ease of programming
- Easily interfaces with most existing phone systems
- Optional single pair of fiber backbone
- One year warranty