

WEB HEADERS:

Got a few minutes to watch some great video clips?

Monthly archives are at <http://scottrope.typepad.com> or <http://www.stupidvideos.com>.

Your kids will know all about these, but can you find the Easter Eggs on your DVDs? Easter Eggs are special little movies or extra fun things found on DVDs. Want to see Yoda rap on Star Wars 3? Or outtakes from Vanilla Sky? For a list of DVD's that contain hidden Easter Eggs, check out <http://www.eeggs.com>.

Charles Darwin's birthday was February 12 - What better way to celebrate than to review the all time Darwin award winners? [Http://www.darwinawards.com](http://www.darwinawards.com) "salute the improvement of the human genome, by honoring those who remove themselves from it."

And for Sudoku enthusiasts? Try out the easy to evil rated online puzzles at <http://www.websudoku.com>

Tip: Spray a solution of 1 part fabric softener to 20 parts water on carpets to reduce static electricity.



Definitions



E911- Emergency telephone calling system that provides a specific location and telephone number of the caller.

Endpoints - the address in a data communication system that sends and receives large blocks of data (telephone set or workstation PC)

FRTS - Frame Relay Traffic Shaping - provides parameters to manage network traffic congestion.

IP - Internet Protocol low level network protocol used for addressing and routing of packets through data networks.

IP telephony - Provide voice or multimedia communications through the Internet Protocol networks.

Legacy - An established or well known system.

Legacy Support - the ability of a new service to work with an existing product.

QoS - Quality of Service - quality of voice transmission using bandwidth shared with data transmission

SIP (Session Initiation Protocol) - uses text format messages to setup, manage and terminate multimedia communications sessions.

VAD - Voice Activity Detection - may reduce bandwidth by 35%; when VAD is used silence packets are suppressed

VoIP - Voice over Internet Protocol - converts the voice signal into a digital signal that travels over the internet.

Wi-Fi IP Telephony - Short range wireless telephone systems that use wireless local area network systems to communication voice using IP telephone technology.

Technology • Service • Commitment

FORWARD Telecommunication Services, Inc.
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FORWARD TELECOMMUNICATION SERVICES, INC.

FORWARD Communicator

2006

1Q06

Newsletter

Just what the heck is VoIP

VoIP Technology is fast becoming the buzz word in business and personal communications. Although some think that technology is the reason businesses



want to make the change, it appears that the real desire to move into IP communication are the applications and advantages.

SUDOKU Puzzle #06-01

4		6	3		7			
9		8		6	2	5		4
	7			9				
			2	5				3
	1		8				9	
	2	3	7	1		6	4	5
	8			3		7		2
3		2						
5		7	6			4		

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FAQ: We've found some users' voicemail boxes are allowing outside callers to set up international and long distance calling features once they've accessed an employee's mailbox. If

your passwords are something easy to guess by a malicious caller (e.g. your extension #) change all users Mail Box Passwords to something more complicated to guess, but easy for Administrators to change later. (last four digits of user's Social Security number, or multiple reversed extension numbers)

Savings Tip: Remember when you could make a free call to find a phone number? Those days are back. Try out 1-800-FREE-411. (800-373-3411)

TECHNOLOGY CHANGES

We've spoken with a lot of folks lately who are not investing in new technology due to concerns over near daily changes. 'Equipment or services purchased today may be archaic next year.'

Comdial, a name known throughout the industry as producing communications equipment that migrates easily and cost effectively with technology advancements, has increased and enhanced its product line when Comdial was bought by Vertical, a leader in IP business phone systems and applications. Vertical solutions leverage next generation voice and data integrated communications technology with business process understanding. Together Comdial and Vertical set the standards for what business communications should be.

Vertical's VoIP ready systems define and blend the best of legacy and pure data systems. For instance, Vertical's systems allow for E911 capabilities and intercom use, while other VoIP systems are not capable of these essential points of business communications needs.

Another new name in the communications market is an old one. SBC is changing it's name to AT&T. Again, bringing the best products of both companies under one name.

Need quick access to a user guide for your Comdial system or phone? View the user manuals in PDF format at our website:



<http://www.forwardtel.com/resources.html>

When is VoIP an Advantage?

Voice over Internet Protocol converts the voice signal from your telephone into a digital signal that travels over the internet.

- Business with multiple locations
- Business with a remote office
- Two Businesses that need instant communications
- Business with a work at home employee
- Business with traveling employees

Advantages:

- 1) No cost of call to the remote office, or to or from off-site or traveling employees
- 2) Sharing the onsite resources at the home office.
- 3) Simultaneous video, voice, IM and data transfer.
- 4) Flexibility to retain endpoint telephone sets
- 5) Migration strategies to the next new communications solutions

Disadvantages:

- 1) E911 requirements and needs may not be met
- 2) Requires additional bandwidth at the home office or remote locations, to prevent echoing or latency on voice traffic and slowed data transmission
- 3) Sharing bandwidth with data transfer needs will require Quality of Service routers and positioned so that voice traffic has priority.
- 4) In case of server disruption or internet outages, both voice and data services are disrupted.
- 5) Reduction in alarm communication reliability and performance.

Equipment and Services needed:

- Switching equipment that will support voice and internet usage
- High Speed internet access
- Local calling services access

Vertical VoIP systems meet E911 requirements, enables intercom calling, can send CID to your alarm company, and connect immediately with traveling personnel. Is VoIP a good choice for your business? Call Dave or Anna for more information.

Come see us at Greater O'Hare Association's EXPO 2006 April 27, from 2 pm to 6:30 pm - booth 402. Elk Grove Park District Pavilion, 1000 Wellington Ave, Elk Grove. Free admission with your business card.



CURRENT PROMOTIONS

Prices good through May 31

Installed Systems - Includes tax and installation

☑ Vertical DX80 Key System Package with Caller ID, (4) Lines, (8) Digital station ports, (4) Analog station ports and (4) 30-Button speakerphones with display (720104) \$1,508.12

☑ Vertical DX80 Key System Package with Caller ID, (8) Lines, (16) Digital station ports, (4) Analog station ports and (8) 30-Button speakerphones with display (720108)... \$2,879.34

☑ DX80 Flash Voice Mail System 100 universal mail boxes and 3.5 hours of storage. . . \$1,177.96

DX80 System in a Box; (for self installation) *(does not include installation or shipping)*
720104 (includes system description above and tax) \$ 894.52
720108 (includes system description above and tax) \$1,862.15



Plantronics M170-Convertible Headset for wireless or DX80 phones..... \$32.50 ea. plus tax and shipping ... 3 or more free shipping

DX80 30-Button Speakerphone . . . \$159.71 plus tax and shipping. (may require jack activation)

4	5	6	3	8	7	1	2	9
9	3	8	1	6	2	5	7	4
2	7	1	5	9	4	3	8	6
7	4	9	2	5	6	8	1	3
6	1	5	8	4	3	2	9	7
8	2	3	7	1	9	6	4	5
1	8	4	9	3	5	7	6	2
3	6	2	4	7	1	9	5	8
5	9	7	6	2	8	4	3	1

Sudoku Puzzle #06-01 Solution