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NETWORKING THE  
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N E W S L E T T E R A P R I L 2 0 0 4

## Technology Outlook

Rich Karlgaard, publisher of Forbes Magazine (www.forbes.com), wrote a recent column describing their outlook on technology in which he finished by naming the four sectors they consider the brightest on the horizon. From our perspective at OCS it seemed that Forbes must be bugging our staff meetings, since their outlook matches exactly what we've already been doing.

- **Wireless Internet.** High speeds, proven reliability, and flexible service areas will continue to drive this technology. OCS pioneered local wireless service in 1999 and has been very active in developing innovative solutions for superior quality of service. Our wireless network will soon cover approximately 1,000 square miles.

- **VOIP.** Voice Over Internet service was announced by OCS last month, and at the same time we converted our entire office phone system to this technology. In addition to providing long-distance calling over the Internet at negligible cost, the range of truly useful additional services is very attractive, especially for businesses and those with branch and home office operations.

- **Wireless Devices.** Laptop computers and handset PDAs are everywhere, they are extremely powerful and capable, and they are increasingly popular and useful. OCS pioneered the community's first wireless "hot-spot" locations in 2002, and more are coming soon.

- **Low-Cost Servers.** Servers are at the heart of all networks, whether local or wide area. Servers manage security functions, central applications, and file storage, and they have never been cheaper. OCS runs our VOIP system, login security, email services, virus scanning, spam filtering, websites, and many other applications on a few dozen servers in our network operation centers. Google runs its Web search empire with 100,000 cheap servers. More affordable servers mean more Internet functionality.

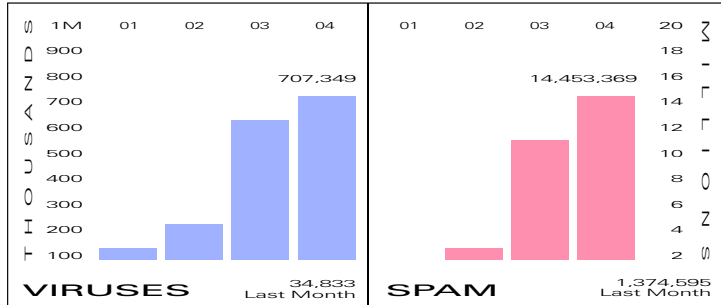
We appreciate that Forbes has reinforced our vision of what we consider important in the industry!

### WIRELESS SERVICE AREAS

Service is currently available in . . .

- Porterville
- Springville
- Pleasant Valley
- River Island
- Globe Drive
- Strathmore
- Terra Bella
- Lindsay
- Exeter
- Visalia . . . more coming soon!

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Click **USER ADMIN** on our website to set account preferences and make payments online

## Viruses are causing more damage

to corporate networks than in previous years despite expanded use of antivirus software, according to a March 2004 survey by ICSA Labs, the company that certifies antivirus products.

The survey of 300 computer security professionals in medium-large companies showed a 15% rise in virus "disasters" in 2003. Even though the virus infection rate was only slightly higher, there was a 78% jump in the overall volume of viruses that corporations had to contend with.

Disasters were defined as infections in at least 25 machines or an event causing a significant dollar loss, averaging \$100,000 each in recovery. Costs once defined in terms of lost productivity or as a general nuisance are now more likely to be related to file corruption and loss of access to data.

OCS central virus filtering is very efficient, but even at our offices we also run internal security as additional protection against the few that might slip through, or other forms that are not transmitted via email. We encourage our customers to do the same, or to contact us regarding our central OfficeScan security options.

OCS dialup and wireless plans are described at [www.porterville.com](http://www.porterville.com)

Internet Plans and Pricing

Call about eCommerce!

Want to work from home?

OCS can connect your home to your office or tie multiple offices together, at high speed and with full "VPN" security, anywhere in the Valley or beyond...

Need qualified computer or network maintenance? Give us a call!

### SUPPORT OUR MILITARY



### THE NATIONWIDE OCS REFERRAL PROGRAM

If you refer a friend, family, or business associate to OCS, tell them to mention your name and you'll receive up to a month of free service! Some restrictions apply, click Referrals on our home page for details. Your friends may simply click *Subscribe* to sign up online, now from anywhere in the country!



## Wireless Conferences

OCS Chief Wireless Engineer Ryan Walker recently attended two national conferences focused on wireless Internet operations. As has so often been the case over many years, gatherings like these of our industry peers typically just reinforce that OCS is actually leading the pack, and OCS personnel are often better suited as session panelists than as attendees.

The recent events were no exception. In fact, OCS is a premier test partner for most of our major equipment manufacturers, and a number of our innovations and feedback reports have resulted in significant improvements to equipment in local, nationwide, and global use.



### NATIONWIDE OCS SERVICE for FRIENDS • FAMILY • BUSINESS

With over 2,500 free local access numbers across the country, you can keep quality OCS dialup service when you travel or even if you move. Or recommend it to your friends, family, and business associates across the country and earn referral credits at the same time! To check for available numbers in different areas of the country, just click "Nationwide Numbers" or "Access Numbers" on our website. New accounts may sign up using the handy "Subscribe Online" procedure on our home page. Call us for more information!

## OACYS VOIP PBX Features

What can you do with a VOIP-based PBX system? The list is too long to describe in this space, but here's a brief summary:

- Long Distance Calling at Low Flat Rates
- Personal and Automated Answering Controls
- Music and Messaging On Hold
- Conference and 3-Way Calling
- Voice Mail (with custom messaging) and Voice-to-Email
- Link Branch Locations as Extensions (no measured usage)
- Support Roaming Users with Find/Follow and Remote Access
- Usage Logs with Accounting and Authorization Codes
- Station-to-Station Intercom and Speed Dial
- Caller ID, Hold, Transfer, and Forward
- Call Notify, Return, and Do Not Disturb
- Call Plans and Hunt Groups
- Call Park and Pick-Up

## OACYS INTERNET SERVICE PLANS

Plan Name	Average Speeds			B-M-W <sup>1</sup>	One-Time Fees			Monthly Service
	Min	Typ	Max		Service Activation	Install/Configure	Equipment Deposit	
<sup>1</sup> Bandwidth-Mailboxes-Webpace (see notes)								
<b>DIALUP</b>	26K	40K	53K	1-5-5	25.00	-	-	24.95
<b>Accelerator</b>	Typically 2-5X faster			-	-	-	-	+5.00
<b>WIRELESS   STANDARD 2.4 GHz</b>								
<b>24 Basic</b>	125K	500K	750K	10-5-5	25.00	100.00	200.00	49.95 <sup>2</sup>
<b>24 Premium</b>	250K	1M	1.5M	15-5-5	25.00	100.00	200.00	79.95 <sup>2</sup>
<b>24 Business</b>	375K	1.5M	2M	20-10-10	25.00	100.00	200.00	129.95 <sup>2</sup>
<sup>2</sup> Add \$10 per month for locations beyond 5 miles from nearest tower								
<b>WIRELESS   SPECIAL CASES 900 MHz</b>								
<b>900 Basic</b>	125K	375K	750K	5-5-5	25.00	100.00	200.00	59.95
For special cases where obstacles prevent normal service. Please call or see our website for more information.								
<b>WIRELESS   MISSION CRITICAL 5.8 GHz</b>								
<b>58 Business</b>	500K	2M	3M	25-25-25	25.00	200.00	500.00	159.95
<b>58 Corporate</b>	750K	3M	4M	30-30-30	25.00	200.00	500.00	199.95
<b>58 Enterprise</b>	1M	4M	5M	40-40-40	25.00	200.00	500.00	249.95

### HI-CAP

Please call to enquire about fractional and dedicated T1 circuits.

**Notes.** Locations beyond 5 miles add \$10 per month. All plans include automated central email virus scanning, email spam filtering, and website parental controls. All plans except Wireless 24 Basic and 900 Special include supplementary dialup account. Bandwidth caps are in GB per month, see AUP. Dialup, Wireless 24 Basic and Premium, and 900 Special plans may use webspace for non-commercial purposes only. Wireless installation and deposit package may be paid in three installments upon request. All speeds are symmetrical (same for upload and download) within the OACYS network only. All plans terminate at OACYS Porterville headquarters and transport to the Internet via dual T3s over dedicated OC12 fiber optic circuit. This is not a quote, all information is subject to change without notice. Pricing and terms are current at the date of this newsletter and supersede previous versions. Please check with our office for additional detail regarding any of our Internet service plans.

### I Didn't Know That!

OCS provides "A-to-Z" computer technology services:

- Complete computer service and repair shop
- Broad variety of Internet access plans and packages
- Professional website design, development, and hosting
- Professional programming and custom application development
- eCommerce and business groupware solutions
- Computer and Internet technology consulting
- Secure branch office inter-networking
- Internet-based "VOIP" telephone services
- iSuite of online utility applications