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VISIT OUR WEBSITE FOR CURRENT NEWSLETTERS, NEWSLETTER ARCHIVES, OR TO SIGN UP FOR NEWSLETTERS VIA EMAIL

## OCS Moves to Licensed Frequencies

In a rare example of positive results from government policy, the Telecom Act of 1996 designated several wireless frequency bands that could be used freely, without having to go through all the usual FCC licensing process and associated prohibitive costs.

That essentially launched wireless Internet, as manufacturers jumped to make equipment available and independent ISPs like OCS could venture directly into these new territories.

The primary downside when operating in "unlicensed" frequencies has been interference, since the FCC imposed very little regulation and essentially left it up to local operators to cooperate and work out any problems between themselves.

As other ISPs and schools and even some government agencies have adopted unlicensed solutions over the years, OCS has dealt with a number of interference issues. The solutions have sometimes been cooperative, but more often we've simply developed other workarounds or moved to lesser-used bands in order to continue providing reliable service.

And, since interference problems affect both parties, the natural progression has been for operators to find their own stable niches and then stay put. That has tended to work, but space remaining for any new players is very limited.

A few months ago we began to see occasional bursts of very high interference that affected one of our primary tower sites on Lewis Hill near Porterville. We eventually identified the source as a local cable company who had mounted wireless antennas very near to ours, but our efforts to achieve their cooperation were unsuccessful.

So, in order once again to preserve the quality and reliability of our service, we decided to replace that link with relatively new "point-to-point" radios that can not only deliver much higher throughput, but will also be entirely immune to interference issues since they operate on FCC licensed frequencies assigned exclusively to OCS with enforced regulation.

This new link to Lewis Hill is now operational, and as time and resources permit we plan to replace all of our primary tower connections with licensed radio links. This plan, along with increased fiber capacity and backup redundancy connecting our office directly to the global (Tier One) Internet backbone, are just more ways we're always working to improve the quality and reliability of our service.

*Send comments on this story to [feedback@porterville.com](mailto:feedback@porterville.com)*



## No Email in Windows 7

Windows 7 was officially released as scheduled on October 22. In response partly to complaints of "bloat" and partly to anti-trust pressure, there is no email application in this new version ... no Outlook Express, no Windows (Vista) Mail, nothing.

So what do you do for email? If you prefer to use only webmail, like Yahoo or Gmail or Hotmail, there's no change ... just continue using your browser to access the webmail utility of your choice. OCS Webmail may also be used, but it is not intended as a standalone solution without an email program on your computer to transfer mail from our server.

If you're accustomed to using Outlook Express or Vista Mail, the successor to them is Microsoft's new "Windows Live Mail," which you can download for free at [download.live.com/wlmail](http://download.live.com/wlmail). This program will import all of your settings and mail from OE or VM. If you're already using or plan to purchase Microsoft Office, Outlook (not Express) is included for email.

Or finally, you're free to choose from any number of other popular email programs, like Thunderbird or Eudora or Postbox or IncrediMail (there are many others, just search for them). Some of these offer 64-bit operation, and some will import OE/VM settings and mail.



## VETERANS DAY November 11, 2009

The OCS home page has received more than 13 million hits – contact us for local advertising information!

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

Internet Plans and Pricing

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SUPPORT OUR MILITARY  
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## 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! **Our subscribers have earned \$58,208 so far** – click *Referrals* on our home page for details! Your friends may simply click *Subscribe* to sign up online.



**EMAIL CHANGE ALERT - SEE OUR WEBSITE**

*Wireless customers are now being transitioned tower-by-tower*

**MORE THAN 377 MILLION VIRUSES, SPAM, AND PHISHING ATTEMPTS HAVE BEEN STOPPED BY THE OCS CENTRAL SYSTEM - THAT'S 5 MILLION IN JUST THE LAST MONTH. CALL US ABOUT OCS OFFICE SCAN!**

Need qualified computer or network maintenance?  
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## The SPF Project

Further efforts to control forged email

While not all spam is forged, virtually all forgeries are spam.

According to MAAWG, the email Messaging Anti-Abuse Working Group, "At the very least, ISPs should incorporate SPF into their mailing domains."

BITS, a nonprofit industry consortium of many of the largest financial institutions in the USA, recommends the deployment of SPF to help address identity forgery and phishing problems associated with email.

Due to increasing issues to do with email phishing and other forms of spam, and the several problems caused when users unwittingly respond to fraudulent requests for information, OCS has recently added SPF ("Sender Policy Framework") to our email delivery system.



How will this affect you? Probably very little or not even noticeably at all, other than to further reduce the amount of spam that evades filters and still gets through.

In a nutshell, SPF blocks messages being sent to our mail server that claim to be from an address at ocsnet.net (or any other mail domains we host) but which are in fact coming from a different (non-OCS) mail server. Lots of spam originates this way, masquerading with an ocsnet.net "from" address in an attempt to lure recipients into responding.

Since in most cases there is no good reason for incoming mail from, say, yahoo.com for example to have an ocsnet.net "from" address, that kind of mail is now being blocked.

There may be a few exceptions that require special handling, but we prefer to deal with those on a case-by-case basis than to avoid implementing this new feature entirely.

Send comments on this story to [feedback@porterville.com](mailto:feedback@porterville.com)

### Stuck in a contract?

Bring in your binding paperwork and we may be able to waive up to \$100 from your OCS startup costs to help offset your early termination fee with another provider.



## WIRELESS SERVICE AREAS

- Porterville
- Springville
- Pleasant Valley
- River Island
- Globe Drive
- Strathmore
- Terra Bella
- Lindsay
- Exeter
- Badger Hill
- Visalia
- Yokohl Valley
- Camp Nelson
- Success Valley
- Richgrove
- East Delano



### Fan Mail

"Performance is so much better than our last wireless service. Thanks for making the effort to help our small communities stay connected!" -RS

"Your wireless service is great! I had satellite before and OCS is so much better." -TW

"We can't believe the difference from dialup to wireless and wish we would have switched a long time ago. The ability to access the Internet so easily really makes a difference!" -CM

## 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	
1 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	100.00	49.95 <sup>2,3</sup>
<b>24 Premium</b>	250K	1M	1.5M	15-5-5	25.00	100.00	100.00	79.95 <sup>2,3</sup>
<b>24 Business</b>	375K	1.5M	2M	20-10-10	25.00	100.00	100.00	129.95 <sup>2,3</sup>
<b>WIRELESS   SPECIAL CASES 900 MHz (where available)</b>								
<b>900 Basic</b>	125K	375K	750K	5-5-5	25.00	100.00	100.00	59.95 <sup>4,5</sup>
<b>WIRELESS   MISSION CRITICAL 5.8 GHz (where available)</b>								
<b>58 Premium</b>	250K	1M	1.5M	15-5-5	25.00	100.00	100.00	99.95
<b>58 Business</b>	375K	1.5M	2M	20-10-10	25.00	100.00	100.00	129.95
<b>58 Professional</b>	500K	2M	3M	25-25-25	25.00	100.00	100.00	159.95
<b>58 Corporate</b>	750K	3M	4M	30-30-30	25.00	100.00	100.00	199.95
<b>58 Enterprise</b>	1M	4M	5M	40-40-40	25.00	100.00	100.00	249.95

All plans include automated central email virus scanning, email spam filtering, and website parental controls. Some plan types permit webpace for personal use only. Wireless installation and deposit package may be paid in 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. All plans subject to change without notice. Pricing and terms are current at the date of this newsletter and supersede previous versions. For footnotes 2,3,4,5 surcharges may apply. Please check with our office for additional details.

### I Didn't Know That!

- OCS provides "A-to-Z" technology services
- Complete computer service and repair shop
- Variety of Internet access plans and packages
- Professional website development and hosting
- Programming and custom development
- eCommerce solutions
- Computer and Internet technology consulting
- Secure branch office inter-networking
- Internet-based "VOIP" telephone services

To set Account Preferences or make Payments Online, click **UserAdmin** on our website

On the road? Call our toll-free support at 888-OACYS.COM