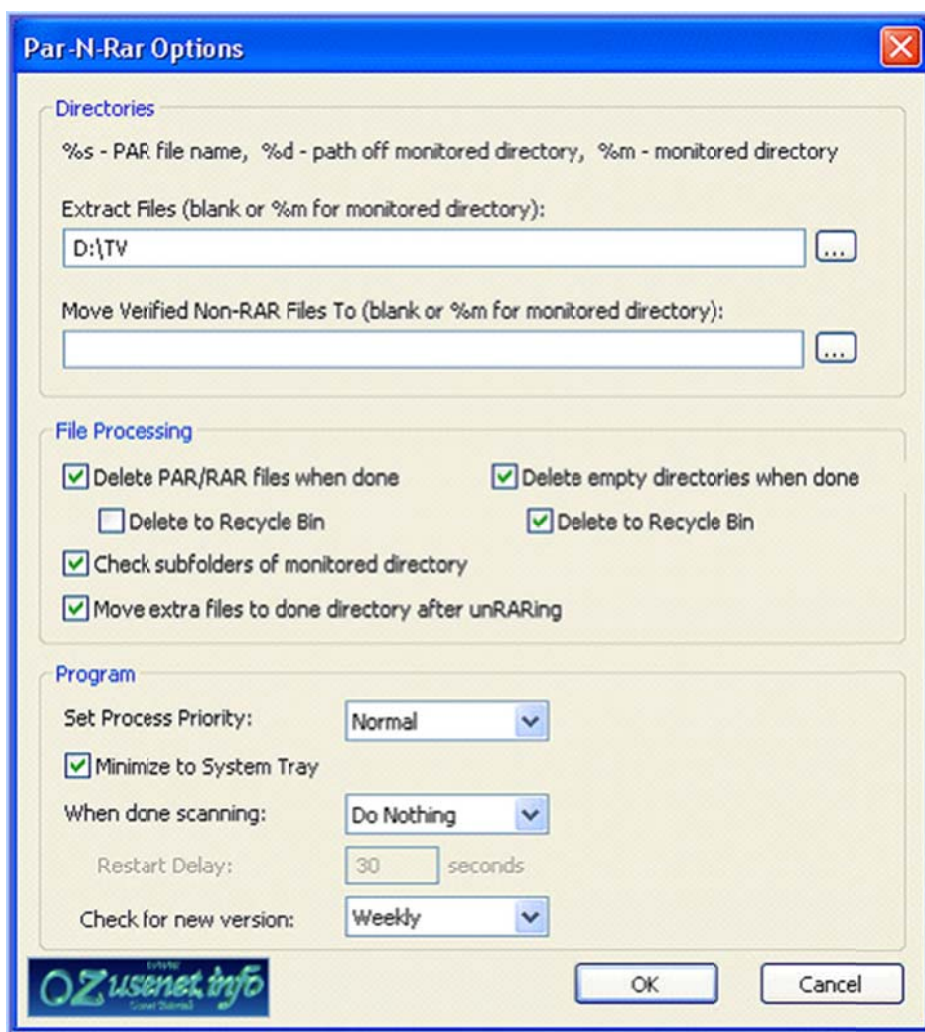


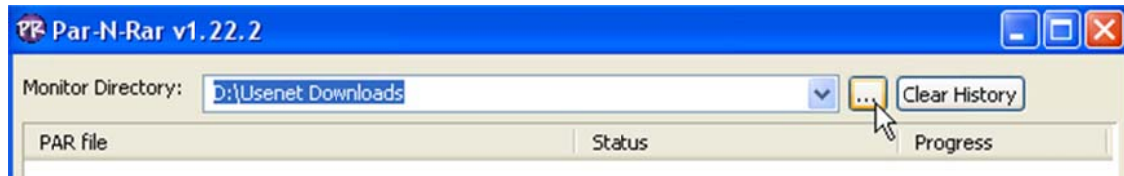
DISCLAIMER: The following information is provided for “informational” purposes only. What you choose to do with this information is totally up to you and the author accepts no responsibilities.

Par-n-Rar available from <http://www.milow.net/site/projects/parnrar.html>
(freeware)

- 1) Download and install.
- 2) Set options

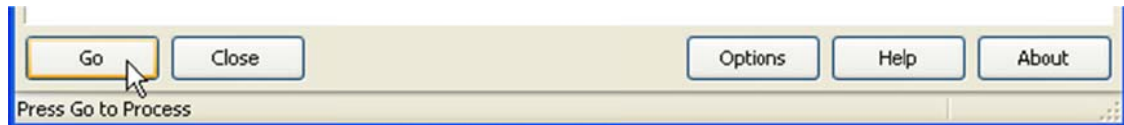


Options are all very straightforward, the main thing is to enter the directory to Extract Files (E.G D:\TV) and PRESS **OK**.



From main program menu you simply press the Button (near the Clear History) and select the directory your download resides.

Now PRESS the GO button.

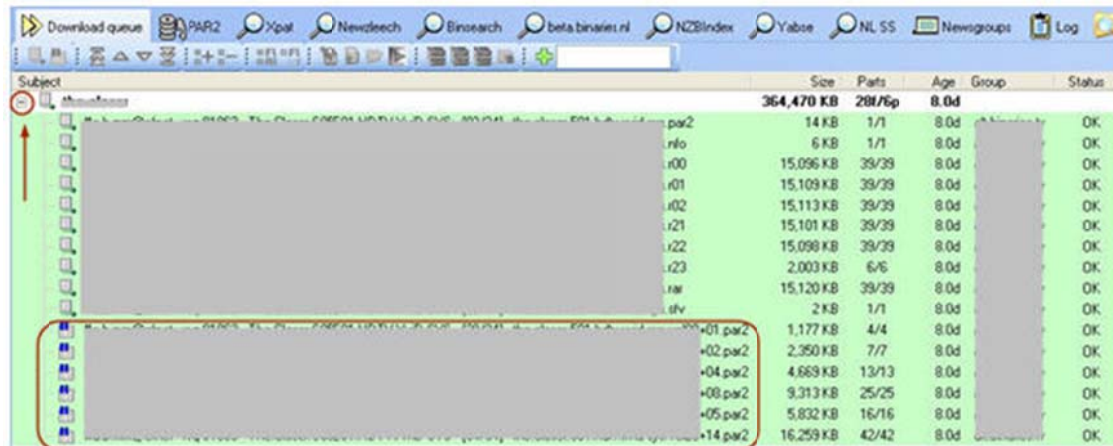


You will see it load any PAR files and check the file authenticity. If needed it will repair provided you have enough PAR files and then un-rar to your selected directory in the options.

If you don't have enough PAR files, just download the required amount and put them in the same directory and re-run.

I did briefly describe PARity files in my SETUP.pdf file, but rather than re-hashing you can obtain more detailed information from Slyck's Guide at

(Listing has been cut down for display purposes)



Subject	Size	Parts	Age	Group	Status
364,470 KB 281/6p 8.0d					
.par2	14 KB	1/1	8.0d		OK
.info	6 KB	1/1	8.0d		OK
.i00	15,096 KB	39/39	8.0d		OK
.i01	15,109 KB	39/39	8.0d		OK
.i02	15,113 KB	39/39	8.0d		OK
.i21	15,101 KB	39/39	8.0d		OK
.i22	15,098 KB	39/39	8.0d		OK
.i23	2,003 KB	6/6	8.0d		OK
.iaw	15,120 KB	39/39	8.0d		OK
.itv	2 KB	1/1	8.0d		OK
.+01.par2	1,177 KB	4/4	8.0d		OK
.+02.par2	2,350 KB	7/7	8.0d		OK
.+04.par2	4,689 KB	13/13	8.0d		OK
.+08.par2	9,313 KB	25/25	8.0d		OK
.+05.par2	5,832 KB	16/16	8.0d		OK
.+14.par2	16,259 KB	42/42	8.0d		OK

The important part to understand here is in the large circle. This is showing you available **PARity** files.

PARity files are for repairing the archive of missing blocks. 99% of the time caused by the uploader or a Usenet provider with bad 'completion' rates. So you can save heaps of downloading (a.k.a quota/time) by automatically pausing these files.

The key to figuring these guys out is right before the very end where they indicate how many blocks they can repair the number after the +plus sign indicates the number of blocks that PAR2 file can rebuild. PAR2 sets usually start at 1 block, and then slowly progress to what the block size is for a full file of the archive - in this example 14 blocks would be the block size of a full file in the archive. So, if alt.binZ needs 20 more blocks to complete the archive, it will un-pause any or all of these files it needs and download them to automatically, repair the archive, and delete the rest. So if you only have a file with a 95% completion rate and you have PARity files you still might be o.k.

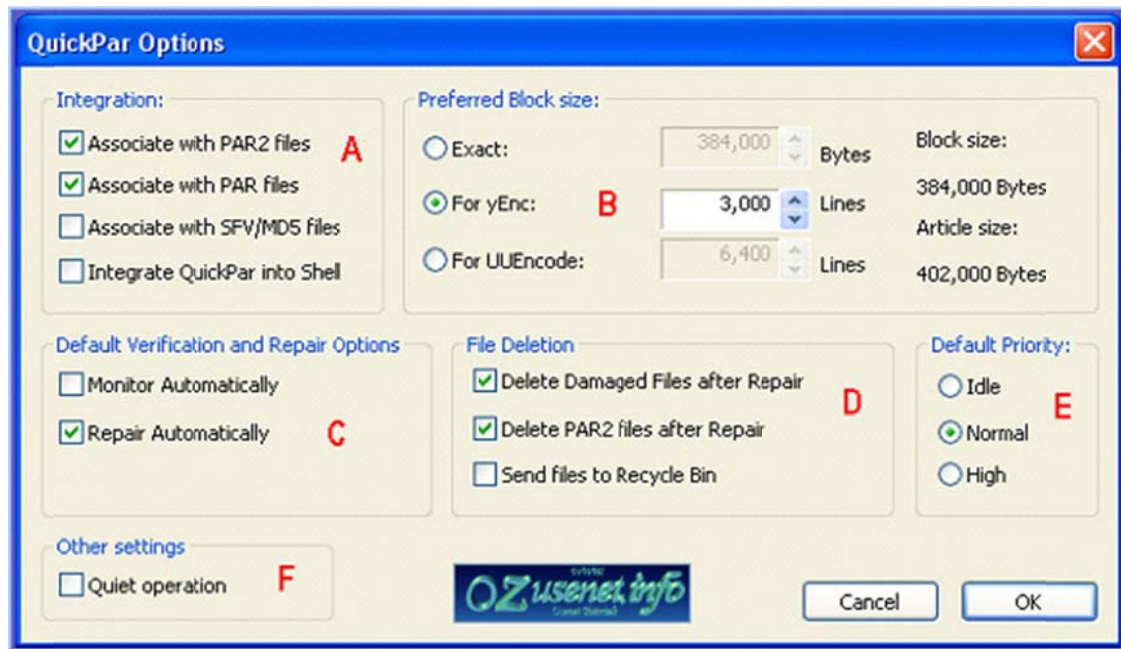
And another reason why I showed you how to expand the listing is because at rare times you might need to just delete one of the main RAR files because it keeps giving you an error, knowing the PARity files will deal with the missing file.

QuickPar

Data verification and repair using PAR2

QuickPar available from <http://www.quickpar.org.uk/> (freeware)

After installing, open QuickPar and select Options.



A: Integration.

In the past you had several other programs for these type of files. Since we are only concerned with PAR files just tick the first two.

B: Preferred Block Size.

Since we are only using QuickPar to verify and Repair PAR files this option can remain unchanged.

C: Default Verification and Repair Options.

With these options QuickPar will monitor your download directory and automatically repair your archive. This option is used in conjunction with the above 'Integrate QuickPar into a Shell'. I recommend for now you just select "Repair Automatically".

D: File Deletion

Once repaired, QuickPar will automatically delete the used PAR files.

E: Default Priority.

Here you can set how much of your PC resources QuickPar will use when running.

F: Quiet Operation.

When activated, QuickPar will not beep when it has done verifying or repairing.



The following information is available from Binaries4all Web Site

<http://www.binaries4all.com/quickpar/repair.php>

This is an example: I have downloaded a 'Freeware Collection' and now I want to verify whether all files were received correctly, so that none of the files are corrupt. To use PAR2 in the most efficient way you need to download all files, even **the files that are incomplete** on your newsserver (check the tutorial of your newsreader to learn how to do that, because not every newsreader supports downloading incomplete files). That way you need to download less recovery blocks afterwards. Even incomplete PAR2 files can be used for recovery.

After you have download all RAR files and the first PAR2 file, open the PAR2 file to verify the downloaded files. QuickPar will start and this might be the result:

Recovery files created by :- QuickPar 0.9

Filename	Size	Status
Recovery Files	6.453.980	10 recovery blocks
Freeware Collection.par2	5.956	0 blocks
Freeware Collection.vol0+1.PAR2	646.024	1 block
Freeware Collection.vol1+2.PAR2	1.291.972	2 blocks
Freeware Collection.vol3+3.PAR2	1.932.040	3 blocks
Freeware Collection.vol6+4.PAR2	2.577.988	4 blocks
Data Files	119.363.881	167 blocks found
Freeware Collection.part01.rar	15.000.000	Complete
Freeware Collection.part02.rar	15.000.000	Complete
Freeware Collection.part03.rar	15.000.000	Complete
Freeware Collection.part04.rar	15.000.000	Complete
Freeware Collection.part05.rar	15.000.000	Complete
Freeware Collection.part06.rar	15.000.000	Incomplete (13/24 blocks available)
Freeware Collection.part06.rar	15.000.000	13 blocks
Freeware Collection.part07.rar	15.000.000	Incomplete (11/24 blocks available)
Freeware Collection.part07.rar	15.000.000	11 blocks
Freeware Collection.part08.rar	14.363.881	Complete

Open 100.0 % Add

New Need 14 more blocks Monitor

About Number of source files: 8 Total size of source files: 119.363.881 AutoRepair

Options Source block count: 191 Source block size: 640.000 Repair

Exit Misnamed files: 0 Damaged files: 2 Missing files: 0 Stop

As you can see two RAR files are incomplete (Freeware Collection.part6.rar and Freeware Collection.part7.rar). The bar shows us that we need to acquire **14 more blocks** before we can repair the downloaded files. Usually a couple of PAR2 files are posted together with the RAR files (in this case we've already downloaded 10 blocks) but if there aren't enough PAR2 blocks available, we have to ask the poster to create and upload more blocks. This means that you don't have to tell the poster which files are missing or incomplete, you can just say how many blocks you need.

At the moment we are missing 14 blocks. As soon as enough recovery blocks are available on the server, we will download them.

First, let's analyze the structure of the PAR2 filenames:

filename.volnn+mm.PAR2

nn is the total number of blocks **of all preceding files**.

mm is the number of blocks **in this file**.

So, we have to download a couple of extra PAR2 files and we need to make sure that the sum of the numbers behind the '+'-sign is 14 or higher.

The 'Monitor' functionality can be very handy: when you keep QuickPar activated while downloading, it will check the download directory and verify the newly downloaded files immediately. When you activate 'AutoRepair', QuickPar will start repairing as soon as enough PAR2 blocks are downloaded.

When you have downloaded enough blocks, hit the 'Repair' button to start repairing.

Recovery files created by :- QuickPar 0.9

Filename	Size	Status
Recovery Files	15.468.156	24 recovery blocks
Freeware Collection.par2	5.956	0 blocks
Freeware Collection.vol0+1.PAR2	646.024	1 block
Freeware Collection.vol1+2.PAR2	1.291.972	2 blocks
Freeware Collection.vol10+1.PAR2	646.024	1 block
Freeware Collection.vol11+2.PAR2	1.291.972	2 blocks
Freeware Collection.vol13+4.PAR2	2.577.988	4 blocks
Freeware Collection.vol17+7.PAR2	4.498.192	7 blocks
Freeware Collection.vol3+3.PAR2	1.932.040	3 blocks
Freeware Collection.vol6+4.PAR2	2.577.988	4 blocks
Data Files	119.363.881	167 blocks found
Freeware Collection.part01.rar	15.000.000	Complete
Freeware Collection.part02.rar	15.000.000	Complete
Freeware Collection.part03.rar	15.000.000	Complete
Freeware Collection.part04.rar	15.000.000	Complete
Freeware Collection.part05.rar	15.000.000	Complete
Freeware Collection.part06.rar	15.000.000	Incomplete (13/24 blocks available)
Freeware Collection.part06.rar	15.000.000	13 blocks
Freeware Collection.part07.rar	15.000.000	Incomplete (11/24 blocks available)
Freeware Collection.part07.rar	15.000.000	11 blocks
Freeware Collection.part08.rar	14.363.881	Complete

Open 100.0 % Add

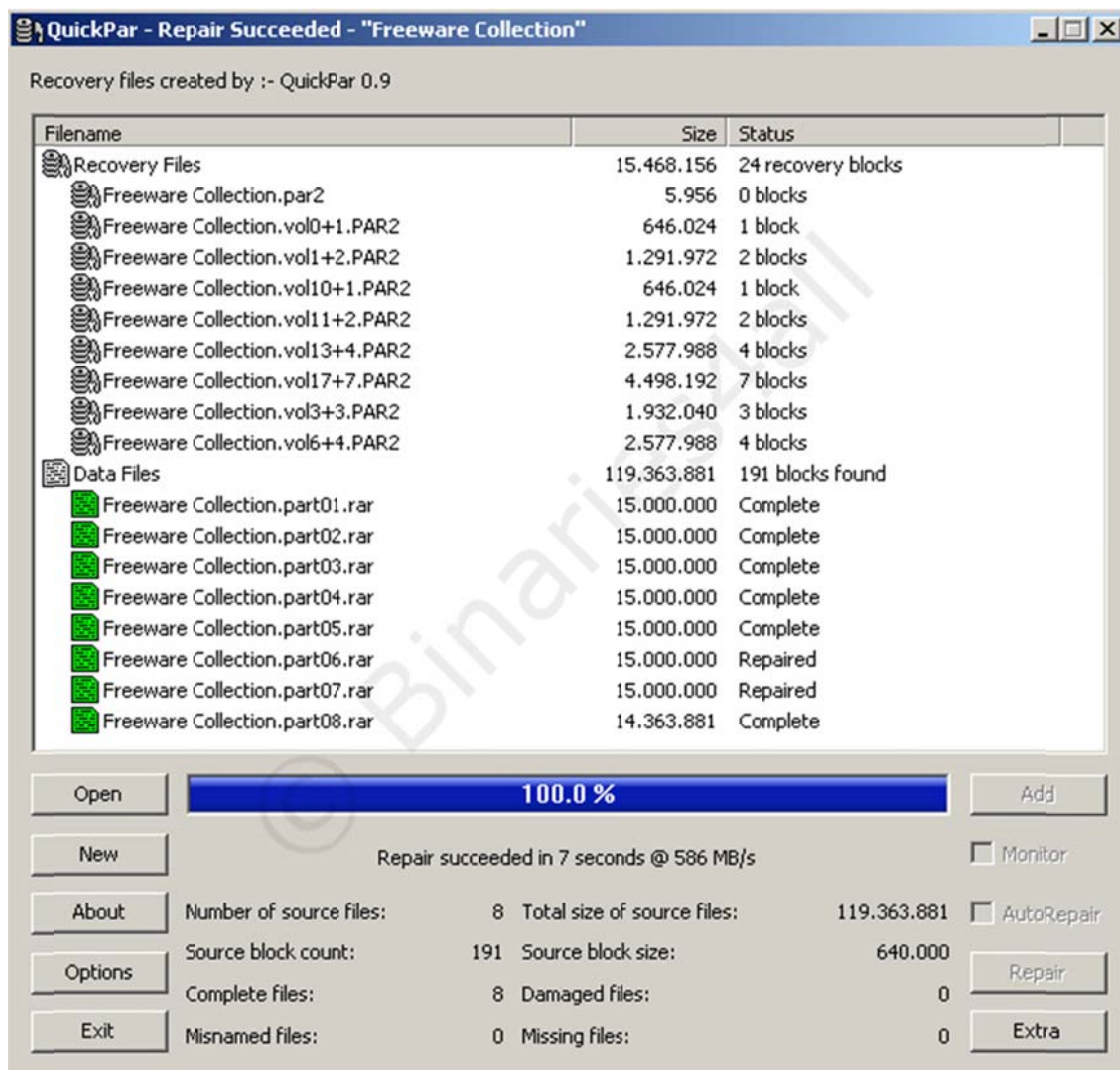
New Ready to recover using 24/24 recovery blocks Monitor

About Number of source files: 8 Total size of source files: 119.363.881 AutoRepair

Options Source block count: 191 Source block size: 640.000 Repair

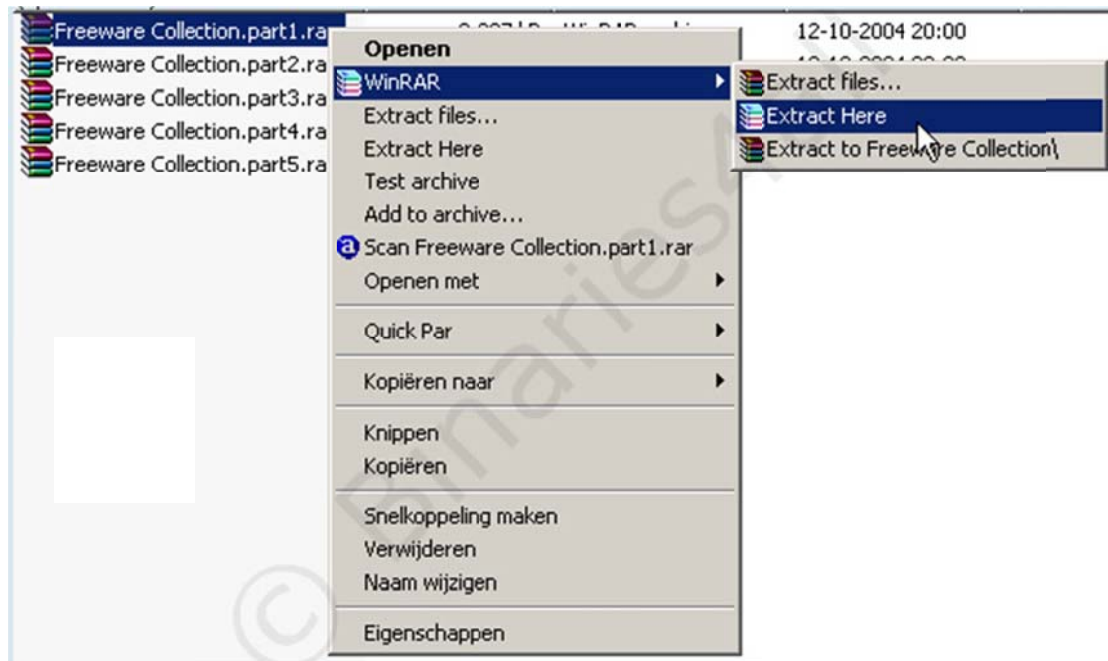
Exit Misnamed files: 0 Missing files: 0 Stop

After QuickPar, the result will be:



As you can see, the files have been repaired! Now it's time to extract files using WinRAR.

Extracting using WinRAR (a cracked version available on my Web Space)



In the Windows Explorer, right click on the first file ***.part1.rar** and choose for WinRAR > Extract here. The files will be extracted in the same directory.

The above have been a brief description on Par-n-Rar and QuickPAR.

You will find Par-n-Rar quicker to use, as you don't need to run two programs, but I decided to include the information anyway.

HOW TO FIND A USENET PROVIDER

If you are unlucky enough not to have a Premium Usenet supplied by your ISP you will need to find one yourself (**No ISP in Australia currently re-sells Usenet access**).

These Usenet providers in the USA that offer re-occurring monthly accounts all vary on Pricing, Retention, and Quota. I've listed the top providers below for value; so simply [click the links](#) or via [Ozusenet.info](#) for the sign-up specials. They also offer European server farms.

You basically have three choices with Usenet Providers, either pay for a monthly re-occurring subscription fee based on a limit, or unlimited account, a once a year plan, or, pay for blocks of quota (PAYG).

NEWSHOSTING

(My recommendation, use the free Browser/Client as well)

The screenshot shows the Newshosting website interface. At the top, there's a navigation bar with the Newshosting logo and 'SUPPORT | CONTACT' links. The main content area is titled 'Newshosting Usenet Browser' and lists several features: 'Yours, for Free!', 'Easy Setup', 'Easy to Use', 'Integrated Search', 'Automatic Repair', 'Automatic Decompression', 'Video Previews', '24/7/365 Support', and 'Automatic Updates'. To the right, there's a promotional banner for a 'FREE Usenet Browser' with two pricing options: '1 MONTH Unlimited Plan' for \$9.99 (33% off retail of \$14.95/mo) and '1 YEAR Unlimited Plan' for \$99.99 (44% off retail of \$8.33/mo). Below the banner, there are images of the Newshosting Usenet Browser software interface on a computer screen.

USENETSERVER



UsenetServer Lifetime Discounts

Unwrap Unbeatable Savings

- ✓ Unlimited Downloads
- ✓ Uncapped Speed
- ✓ Encrypted SSL
- ✓ 1222 Days of Retention
- ✓ 20 Connections
- ✓ 99% Completion
- ✓ Referral Credit
- ✓ 24/7 Live Support



1 MONTH

High-Speed Plus Special

\$10.00 SIGN UP

SAVE
44%
EVERY MONTH

1 YEAR

High-Speed Plus Special

\$95.40 SIGN UP

That's Only \$7.95 a Month!

SAVE
55%
EVERY YEAR



EASYNEWS

EASYNEWS
[CONTACT US](#) | [SUBSCRIBE TO OUR NEWSLETTER](#)

Search, Preview & Download

From over 107,000 newsgroups
All from the Easynews web-Usenet interface.



Unlimited NNTP Access

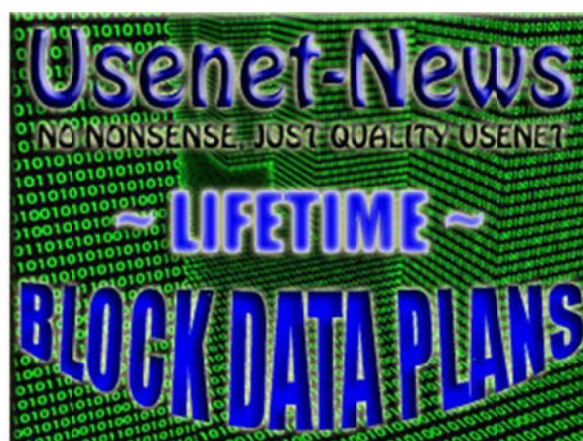
\$9⁹⁵/mo.

FREE TRIAL!

- ▶ Unlimited NNTP Usenet Access
- ▶ 14 Days/10GB Web-Access Free Trial
- ▶ Unlimited downloads, Uncapped Speed
- ▶ Free 256-bit Encoded SSL Connections
- ▶ 1200 Days Binary Retention

[Sign Up Now](#)

USENET-NEWS



Lifetime Block download accounts

Block size	Cost/block	(Payable in USD, EUR or GBP)
2 GB	€ 2.00	1.00 USD/GB
5 GB	€ 3.00	0.60 USD/GB
10 GB	€ 5.00	0.50 USD/GB
20 GB	€ 8.00	0.40 USD/GB
30 GB	€ 10.00	0.33 USD/GB
50 GB	€ 15.00 12.00	0.24 USD/GB --> New lower price!
100 GB	€ 22.00 15.00	0.15 USD/GB --> New lower price!
200 GB	€ 27.00 22.00	0.11 USD/GB --> New lower price!
500 GB	€ 65.00 52.00	0.105 USD/GB --> New lower price!
1024 GB	€ 92.00	0.09 USD/GB --> New block size, 1 Terabyte!

So feel free to contact me if you run into any problems.

Website: www.ozusenet.info or www.ozusenet.com
[Email Me!](#)



Feel free to link ozusenet.info anywhere for Usenet help. 😊

Kind Regards, Glenn Thomson

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