

# StealthNet

**StealthNet** is an [anonymous P2P file sharing](#) software based on the original [RShare](#) client, and has been enhanced. It was first named 'RShare CE' (RShare Community Edition). It use the same network and protocols as [RShare](#).

In 2011 a fork named *DarkNode* was released,<sup>[3]</sup> but one year later<sup>[4]</sup> the website is cleared with the source code.

## History

Development was stopped in March 2011, with version 0.8.7.9,<sup>[5]</sup> with no official explanation on the web site.<sup>[6]</sup>



In 2012, the developers had an incident with the software [Apache Subversion](#), a part of the [source code](#) of StealthNet was lost : versions 0.8.7.5 (February 2010) to 0.8.7.9 (October 2010).<sup>[7]</sup> However the source code is still available as files.

In 2017 it was forked into version 0.8.8.0.<sup>[8]</sup>

## Features

Some of the features of StealthNet:<sup>[9]</sup>

- [Mix network](#) (use for the pseudo anonymous process)
- Easy to use (same principles as [eMule](#))
- Multi-source download : 'Swarming' (Segmented file transfer)
- Resumption of interrupted downloads
- Can filter the file types searched (allowing to search only among the videos/archives/musics/... files)

StealthNet	
	
<b>Developer</b>	Planet Peer community members
<b>Initial release</b>	2007
<b>Stable release</b>	0.8.7.9 <sup>[1]</sup>  / 13 March 2011
<b>Written in</b>	<a href="#">C#</a>
<b>Operating system</b>	<a href="#">Windows</a> , <a href="#">Linux</a> (GUI with <a href="#">Wine</a> <sup>[2]</sup> otherwise CLI)
<b>Type</b>	<a href="#">File sharing</a> , Anonymous peer to peer
<b>License</b>	<a href="#">GNU GPL</a>
<b>Website</b>	<a href="http://www.stealthnet.de/">www.stealthnet.de</a> ( <a href="http://www.stealthnet.de/">http://www.stealthnet.de/</a> )

- SNCollection: this type of file contain a list of files shared into StealthNet. Like the "eMule collection" file and Torrents files
- [Point-to-Point](#) traffic encryption with AES standard process ([Advanced Encryption Standard](#), 256 bits<sup>[10]</sup>)
- EndPoint to EndPoint traffic encryption with [RSA standard](#) (1024 bits<sup>[10]</sup>)
- Strong [file hashes](#) based on [SHA-512](#) algorithm
- Anti-flooding measures
- [Text mode](#) client available for OS with [Mono](#) support like Linux, OSX and others

## Drawbacks

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- Has no support for UPnP ([Universal Plug and Play](#)), the user must open a [port](#) number (ie: 6097) into his router.
- Anonymity is unproven. An earlier version allowed for full deanonymization of users.<sup>[11]</sup>
- The [source code](#) contains no documentation at all.
- The encryption level (AES 256 bits and RSA 1024 bits in the v0.8.7.9) that was strong in the 2000s is now medium since the 2010s.

## See also

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- Anonymous P2P
- I2P



## References

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10. StealthNet v0.8.7.9 source code, file '\core\Core\Constants.cs'
11. Durner, Nils; Evans, Nathan; Grothoff, Christian (2007). "Vielleicht anonym? Die Enttarnung von StealthNet-Nutzern". *c't magazin für computer technik* (in German). **13** (21): 218–221.

## External links

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Archived Web Site (<https://web.archive.org/web/20180322045429/http://stealthnet.de/>)  
(Archive.Org)