

# Supported Protocols and Applications

## List of Supported Protocols

The following list includes all supported protocols (in bold) and the most important applications using these protocols.

The most up-to-date version of this protocol list and more information about ipoque's products and future developments is shown on our Web site [www.ipoque.com](http://www.ipoque.com).

## Changing Protocols

ipoque is able to detect traffic based on a combination of deep packet inspection (DPI) and behavioral analysis. The ipoque detection is very reliable. It is impossible to determine exact misclassification rates for real network traffic. Most of the protocols are proprietary. In theory it is possible to change the protocol so it cannot be detected any longer. But every provider of a protocol has compatibility constraints so they are not fully free to change their protocol at will. On the other hand, there is no guarantee that the specific protocol can be blocked in the future. In the past it took ipoque no more than four days to update a signature after a new version of a protocol had been released.

## Regular Updates

A regular firmware update service is available to ensure the continuing effectiveness of the protocol signatures. Every customer with a valid support contract gets an account on ipoque's support server. As soon as an update is available, ipoque or the sales partner sends out a notice via email. Every customer can then download and install the update.

## Supported Protocols and Applications

### Peer-to-Peer (P2P)

<b>AppleJuice</b>	Localhost	ldcc	<b>Gnutella</b>	<b>iMesh</b>
Applejuice	MLDonkey	LinuxDC++	Acquisition	BearFlix
<b>Ares</b>	MonoTorrent	microdc	AcqLite Apollon	BearShare
Ares	MooPolice	microdc2	BearShare	iMesh
KCEasy	Opera	oDC	BearFlix	<b>Manolito</b>
<b>BitTorrent (encrypted and unencrypted)</b>	QTorrent	Revconnect	Cabos	Blubster
ABC	Qbittorrent	SababaDC	CocoGnut	Manolito
Acquisition	rTorrent	ShakesPeer	DM2	Piolet
Anatomic P2P	Rufus	StrongDC++	FrostWire	<b>Mute</b>
Arctic Torrent	Shareaza	Valknut	giFT	Mute
Azureus	sharktorrent	<b>eDonkey</b>	Gnucleus	<b>OFF</b>
BitComet	SymTorrent	aMule	Gtk-gnutella	OFF
BitFlu	Tomato Torrent	eDonkey2000	Gluz	<b>Pando</b>
BitLord	Torrent Swapper	eMule and its Mods	iMesh	Pando
BitPump	TorrentFlux	obfuscated eMule ext.	KCEasy	<b>PoPo</b>
BitTornado	TorrentVolve	eMule Plus	Kiwi Alpha	PoPo
BitTorrent / Mainline	Transmission	Hydranode	LimeWire	<b>Skinny</b>
BitSpirit	Turbo Torrent	Jubster	MLDonkey	Skinny
Bits on Wheels	TorrentSpy	Lphant	Morpheus	<b>SoulSeek</b>
BitTyrant	µTorrent	MLDonkey	Mutella	SoulSeek
Blizzard Downloader	WizBit	Shareaza	Phex	pySoulSeek
Blog Torrent - BTG	XTorrent	xMule	Poisoned	<b>Thunder/Webthunder</b>
BitManager	ZipTorrent	<b>FastTrack</b>	Qtella	Thunder/Webthunder
BTSharp	<b>DirectConnect</b>	Apollon	Shareaza	<b>WinMX</b>
burst!	ApexDc++	Grokster	Swapper.NET	WinMX
CTorrent	BCDC++	Kazaa lite	Symella	Winnie
Deluge	CZDC	KCEasy	XFactor	Winnie
FlashGet	DC++	MLDonkey	XNap	<b>XDCC</b>
freeloader	DC#	<b>Filetopia</b>	XoloX	XDCC Catcher
G3 Torrent	dc_gui	Filetopia		XDCC Fetcher
Gnome BitTorrent	dctc	<b>Freenet</b>		XDCC Klipper
Halite	Dolda Connect	Freenet		
KTorrent	Elise			
LimeWire	fulDC			
	GtkDC			

## Instant Messaging (IM)

<b>Gadu-Gadu</b> IRC	<b>Jabber/Google Talk</b> Gaim Google Talk Kopete Miranda Trillian / Trillian Pro	<b>MSN</b> Gaim Kopete Miranda original MSN client Trillian / Trillian Pro	<b>Oscar</b> AIM Gaim ICQ Kopete Miranda Trillian / Trillian Pro	<b>Yahoo</b> Gaim original Yahoo client Kopete Miranda Trillian / Trillian Pro
-------------------------	--	---	--	---

## Voice over IP (VoIP)/ Skype

<b>H.323</b> Ekiga NetMeeting OpenH.323 XMeeting	<b>SIP</b> Ekiga Gizmo OpenWengo SipGate Twinkle Vonage XMeeting	Skype v2.0.0.105 Skype v2.0.0.107 Skype v2.5.0.72 Skype v2.5.0.82 Skype v2.5.0.91 Skype v2.5.0.113 Skype v2.5.0.122 Skype v2.5.0.126 Skype v2.5.0.130 Skype v2.5.0.137 Skype v2.5.0.141 Skype v2.5.0.146 Skype v2.5.0.151 Skype v2.5.0.154 Skype v2.6.0.67 Skype v2.6.0.74 Skype v2.6.0.81 Skype v2.6.0.97 Skype v2.6.0.103	Skype v2.6.0.105 Skype v3.0.0.106 Skype v3.0.0.123 Skype v3.0.0.137 Skype v3.0.0.154 Skype v3.0.0.190 Skype v3.0.0.198 Skype v3.0.0.205 Skype v3.0.0.209 Skype v3.0.0.214 Skype v3.0.0.216 Skype v3.0.0.217 Skype v3.0.0.218 Skype v3.1.0.112 Skype v3.1.0.144 Skype v3.1.0.150 Skype v3.1.0.152 Skype v3.2.0.53 Skype v3.2.0.63	Skype v3.2.0.82 Skype v3.2.0.115 Skype v3.2.0.145 Skype v3.2.0.148 Skype v3.2.0.152 Skype v3.2.0.158 Skype v3.2.0.163 Skype v3.2.0.175 Skype v3.5.0.107 Skype v3.5.0.158 Skype v3.5.0.178 Skype v3.5.0.202 Skype v3.5.0.214 Skype v3.5.0.229 Skype v3.5.0.234 Skype v3.5.0.239 Skype v3.6.0.127 Skype v3.6.0.159 Skype v3.6.0.248
--	---	---	--	---

## Standard Protocols

<b>DHCP</b> <b>EGP</b> <b>FTP</b> <b>HTTP</b> <b>ICMP</b> <b>IGMP</b> <b>IMAP</b> <b>NFS</b> <b>NTP</b> <b>POP3</b> <b>SCTP</b> <b>SMB/CIFS</b> <b>SMTP</b> <b>SSDP</b> <b>Usenet</b> <b>Telnet</b> <b>VNC</b>	<b>Direct Download Link (DDL)</b> 4shared.com badongo.com badongo.net bestsharing.com bigfilez.com chinamofile.com depositfiles.com easyshare.com filearchiv.ru filecloud.com filefactory.com filefront.com fileho.com filehost.tv filepost.ru filer.net	filesafe.to filesend.net files.to files-upload.com file-upload.net file-upload.to fileupyours.com ftp2share.com gigasize.com gigashare.com ifolder.ru keepmyfile.com livedepot.net live-share.com mediafire.com megashare.com megashares.com	megaupload.com mofile.com mofile.net mytempdir.com quicksharing.com rapidshare.com rapidshare.de rapidupload.com savefile.com sendmefile.com sendspace.com sharebee.com sharebig.com sharebigfile.com sharebigflie.com simpleupload.net speedshare.org	turboupload.com ultrashare.de up-file.com uploaded.to uploading.com uploadingit.com uploadpower.com uploadyourfiles.de wiupload.net yourfilehost.com yourfiles.biz zshare.net
--	--	--	--	--

## Streaming Protocols

<b>Flash*</b> clipfish.de myspace.com myspace.tv.com myvideo.de pornotube.com youporn.com youtube.com etc.	<b>AVI</b> <b>Joost</b> <b>MMS</b> <b>MPEG</b> <b>ORB</b>	<b>Quicktime</b> <b>Real Media Stream</b> <b>RTP</b> <b>RTSP</b> <b>Slingbox</b>	<b>SopCast</b> <b>TVAnts</b> <b>TVUPlayer</b> <b>UUSee</b> <b>Vcast</b>	<b>Windows Media Stream</b>
--	---	--	---	-----------------------------

\* only site-embedded flash content

## Tunnel Protocols

<b>HamachiVPN</b>	<b>SoftEthernet</b>	<b>SSH</b>	<b>TOR</b>	<b>VPN-X</b>
-------------------	---------------------	------------	------------	--------------

## Gaming Protocols

<b>Halfife2</b>	<b>Steam</b>	<b>World of Warcraft</b>	<b>XBOX</b>
-----------------	--------------	--------------------------	-------------