

Supported Protocols and Applications

Layer-7 & Behavioral Protocol Signatures

ipoque's protocol and application classification engine (PACE) is able to identify the protocol of network traffic based on a combination of deep packet inspection (DPI) and behavioral analysis – no matter if they are plain text or use advanced encryption and obfuscation techniques.

The following list includes all supported protocols (in bold), sub-protocols for some of them (in *italic*), and the most important applications using these protocols (in normal letters). The current version of this protocol list and more information about ipoque's products are available on our Web site <http://www.ipoque.com>.

Regular Signature Updates

Regular PACE updates available at least once a month ensure the continuing effectiveness of the protocol signatures. Updates can be downloaded from ipoque's support portal at

<http://portal.ipoque.com>. Note that firmware updates for PRX Traffic Manager and DPX Network Probe have a different release schedules.

Custom Protocol Definition

Custom protocol definitions allow the administrator to specify protocol patterns based on the following criteria:

- Layer-4 protocol (i.e. TCP, UDP)
- Layer-4 ports (lists and ranges of source and destination ports)
- Layer-7 protocol
- HTTP host list or URL list for HTTP-based layer-7 protocols
- Traffic direction (i.e. inbound, outbound)

Custom protocol definitions can be used in rule definitions just as standard layer-7 protocols. For example, this enables the individual traffic management for video streams of different Web platforms such as YouTube.

Supported Protocols and Applications

Peer-to-Peer (P2P)

Aimini	Azureus / Vuze 4.2.0.0	BitFlu 0.91	BTSharp 3.1.0b	LimeWire 4.18.1
Aimini 1.9	Azureus / Vuze 4.2.0.2	BitLord 0.56	burst! 3.1.0b	LimeWire 4.18.3
AppleJuice	Azureus / Vuze 4.2.0.8	BitLord 1.01	CTorrent 1.3.4	LimeWire 4.18.8
AppleJuice 0.29.142.229	Azureus / Vuze 4.2.0.8a	BitLord 1.1	Deluge 1.1.9	LimeWire 5.0.11
AppleJuice 0.30.146	Azureus / Vuze 4.2.0.9	BitLord 1.2 Beta	Deluge 1.2.0	LimeWire 5.1.2
AppleJuice 0.31.149.110	Azureus / Vuze 4.3.0.0	BitLord 2.0 Beta	Deluge 1.2.0_rc1	LimeWire 5.2.13
Ares	Azureus / Vuze 4.3.0.1	BitPump	Deluge 1.2.0_rc2	LimeWire 5.3.0 Beta
Ares 1.9.2	Azureus / Vuze 4.3.0.2	Bits on Wheels 1.0.6	Deluge 1.2.0_rc3	LimeWire 5.3.6
Ares 2.0.8	Azureus / Vuze 4.3.0.4	BitSpiri 3.6.0.200	Deluge 1.2.0_rc4	LimeWire 5.4.5
Ares 2.0.9	Azureus / Vuze 4.3.0.4a	BitSpiri 3.6.0.300	Deluge 1.2.0_rc5	LimeWire 5.4.6
Ares 2.1.1.3035	Azureus / Vuze 4.3.0.5	BitSpiri 3.6.0.315	Deluge 1.2.1	LimeWire 5.4.7
Ares 2.1.6.3040	Azureus / Vuze 4.3.0.6	BitSpiri 3.6.0.330	Deluge 1.2.2	LimeWire 5.4.8
Filepipe 2.7	Azureus / Vuze 4.3.0.7	BitSpiri 3.6.0.336	Deluge 1.2.3	LimeWire 5.5.5
KCEasy 0.19	Azureus / Vuze 4.3.1.0	BitSpiri 3.6.0.362	Deluge 1.3.0_rc1	LimeWire 5.5.6
BitTorrent	Azureus / Vuze 4.3.1.0a	BitSpiri 3.6.0.401	FlashGet 1.9.6	LimeWire 5.5.7
<i>BitTorrent-plain</i>	Azureus / Vuze 4.3.1.1	BitSpiri 3.6.0.403	FlashGet 3.2.0.1060 Beta	LimeWire 5.5.8
<i>BitTorrent-encrypted</i>	Azureus / Vuze 4.3.1.2	BitTornado 0.3.17	FlashGet 3.3.0.1092	LimeWire 5.5.9
ABC 3.1	Azureus / Vuze 4.3.1.4	BitTornado 0.3.18	FlashGet 3.5.0.1126	LimeWire 5.5.14
Acquisition 2.1	Azureus / Vuze 4.3.1.5	BitTorrent / Mainline 4.26.0	Freeloader	MLDonkey 3.0.0
Anatomic P2P 0.1	Azureus / Vuze 4.4.0.0	BitTorrent / Mainline 5.0.0 - 5.0.9	FrostWire 4.20.9.0	MonoTorrent 0.72
Arctic Torrent 1.2.3	Azureus / Vuze 4.4.0.1	BitTorrent / Mainline 6.0.1 - 6.0.3	G3 Torrent 1.01	MooPolice 2.0
Azureus / Vuze 2.3.0.6	Azureus / Vuze 4.4.0.2	BitTorrent / Mainline 6.1.1	Gnome BitTorrent 0.0.32	MooPolice 2.2
Azureus / Vuze 2.4.0.2	Azureus / Vuze 4.4.0.4	BitTorrent / Mainline 6.1.2	Halite 0.3.1	MooPolice 2.3
Azureus / Vuze 2.5.0.0	Azureus / Vuze 4.4.0.6	BitTorrent / Mainline 6.1.2a	Halite 0.3.2	MooPolice 2.4
Azureus / Vuze 2.5.0.2	Azureus / Vuze 4.5.0.4	BitTorrent / Mainline 6.2	Halite 0.3.2.1	Opera 10.00
Azureus / Vuze 3.0	BitComet 0.61 - 0.91	BitTorrent / Mainline 6.2a	Halite 0.3.2.2	Pando 2.5.1.4
Azureus / Vuze 3.0.0.9.4b	BitComet 0.93	BitTorrent / Mainline 6.2b	KTorrent 3.2.3	qBittorrent 1.5.1
Azureus / Vuze 3.0.1.6a	BitComet 0.96	BitTorrent / Mainline 6.2c	KTorrent 3.3beta	qBittorrent 2.4.2
Azureus / Vuze 3.0.3.0	BitComet 0.99	BitTorrent / Mainline 6.3	KTorrent 3.3.4	QTorrent 0.9.5
Azureus / Vuze 3.0.5.0	BitComet 1.0	BitTorrent / Mainline 6.3a	LimeWire 4.12.11	rTorrent 0.8.5
Azureus / Vuze 3.0.5.2	BitComet 1.01 - 1.10	BitTorrent / Mainline 6.3b	LimeWire 4.12.15	rTorrent 0.8.6
Azureus / Vuze 3.0.5.2a	BitComet 1.14	BitTorrent / Mainline 6.3c	LimeWire 4.12.6	Rufus 0.6.9
Azureus / Vuze 3.0.5.2b	BitComet 1.15	BitTorrent / Mainline 6.4	LimeWire 4.13.0 Beta	Rufus 0.7 Beta
Azureus / Vuze 3.1.0.0	BitComet 1.16	BitTorrent / Mainline 6.4a	LimeWire 4.13.14	Shareaza 2.2.5.3
Azureus / Vuze 3.1.1.0	BitComet 1.17	BitTorrent / Mainline 6.4b	LimeWire 4.13.14	Shareaza 2.3.1.0
Azureus / Vuze 4.0.0.2	BitComet 1.18	BitTorrent / Mainline 7.1	LimeWire 4.13.2 Beta	Shareaza 2.4.0.0
Azureus / Vuze 4.0.0.4	BitComet 1.19	BitTyrant 1.1.1	LimeWire 4.14.10	Shareaza 2.5
Azureus / Vuze 4.1.0.0	BitComet 1.20	Blizzard Downloader	LimeWire 4.14.8	Shareaza 2.5.1
Azureus / Vuze 4.1.0.2	BitComet 1.21	BTG 0.9.2	LimeWire 4.16.7	Shareaza 2.5.2
Azureus / Vuze 4.1.0.4	BitComet 1.22	BTManager 1.99.4	LimeWire 4.17.3	Shareaza 2.5.3

... Peer-to-Peer (P2P)

Shareaza 7.0.0.91481	DC++ 0.699	WinMX MP3 4.7.0	LimeWire 5.5.13	OFF 0.17.00
Sharktorrent 0.1.8.4	DC++ 0.705	xMule 1.13.6	Morpheus 5.4.0.1080	OFF 0.19.13
Sharktorrent 0.2.0.4	DC++ 0.7091	XoloX 2.0	Morpheus 5.5.1	OFF 0.19.34
SymTorrent 1.41	DC++ 0.750	Filetopia	Morpheus 5.7.1	Pando
Tomato Torrent 1.5.1	DC++ 0.770	Filetopia 3.04	Mutella 0.4.5	Pando 1.5.5.1
TorrentFlux 2.4	DCTC 0.85.9	Freenet	Phex 3.4.2.116	Pando 1.6
TorrentSpy	Dolda Connect 1.3	Freenet 0.7	Poisoned 0.5191	Pando 2.0.0.5
Torrent Swapper 1.0	Elise 0.005	Freenet 0.7.5	Qtella 0.7.0	Pando 2.0.2.2
TorrentVolve 1.4 Beta	fulDC 6.78	Gnutella	Shareaza 2.4.0.0	Pando 2.0.3.0
Transmission 1.74	fulDC 6.79	Acquisition 2.1	Swapper.NET 4.5.1660.30216	Pando 2.3.0.0
Transmission 1.93	GtkDC	Acquisition 2.2.1	Symella 1.40	Pando 2.3.0.2
Turbo Torrent	LDCC	Acqlite 0.3.5	WinMX MP3 4.7.0	Pando 2.3.2.3
µTorrent 1.6	LinuxDC++ 1.0.2	Acqlite 0.4.1	XFactor	Pando 2.5.1.4
µTorrent 1.6.2	Microdc	Apollon 1.0.2.1	XNAP 3.0	SoulSeek
µTorrent 1.7	Microdc2 0.15.6	BearFlix 1.2	XoloX 2.0	SoulSeek 156
µTorrent 1.7.2	oDC 5.31	Cabos 0.8.1	iMesh	SoulSeek 156b
µTorrent 1.7.5	Revconnect 0.674	Cabos 0.8.2	BearShare 6.1	SoulSeek 156c
µTorrent 1.7.7	SababaDC 1.02	CocoGnut 1.21	BearShare 7.0-7.1	SoulSeek 157 NS 13e
µTorrent 1.7 Beta	ShakesPeer 0.9.5	DM2 1.23.1	iMesh 7.1	SoulSeek 157 test 8
µTorrent 1.8.0	ShakesPeer 0.9.11	Filepipe	iMesh 7.2.0	SoulseekX 1.0b6
µTorrent 1.8.Orc2	StrongDC++ 2.3.0	FrostWire 4.18.1	iMesh 8.1.0.60.352	pySoulSeek 1.2.7c
µTorrent 1.8.Orc6	StrongDC++ 2.4.1	FrostWire 4.20.9.0	iMesh 9.0	StealthNet
µTorrent 1.8.1	Valknut 0.49	giFT 0.0.11	iMesh 10.0	StealthNet 0.8.7.7
µTorrent 1.8.2	eDonkey	Gnucleus 1.8.6.0	iMesh Lite 5.0.2	Thunder / WebThunder
µTorrent 1.8.3 Beta	eDonkey-plain	Gnucleus 2.0.2.0	Lphant 4.0	Thunder / WebThunder
µTorrent 1.8.3 Stable	eDonkey-encrypted	Gtk-gnutella 0.96.6	Lphant 5.1	5.6.9.344
µTorrent 1.8.4	aMule 2.2.5	Gluz	Shareaza 7.0	Thunder / WebThunder
µTorrent 1.8.5	aMule 2.1.3	iMesh Light 5.0.2	KaZaa / Fasttrack	5.8.10.675
µTorrent 2.0 Beta	aMule 2.2.3	KCEasy 0.19	Apollon 1.0.2.1	Thunder / WebThunder
µTorrent 2.0.4	aMule 2.2.6	KCEasy 0.19-rc1	iMesh Light 5.0.2	5.8.12.689
WizBit	eDonkey2000 1.4.5	Kiwi Alpha 3.1.4	Kazaa 3.2.7	Thunder / WebThunder
Xtorrent 1.1	eMule 0.46c	LimeWire 4.12.11	Kazaa Lite	5.8.13.699
Xtorrent 2.0	eMule 0.47a - 0.47c	LimeWire 4.12.15	Mammoth 0.1.3	Thunder / WebThunder
ZipTorrent	eMule 0.48a	LimeWire 4.12.6	Filepipe	5.8.9.662
DirectConnect	eMule 0.49a - 0.49c	LimeWire 4.13.0 Beta	Manolito	Thunder / WebThunder
DirectConnect-hub	eMule 0.50a	LimeWire 4.13.14	Blubster 3.02	5.9.7.1062
DirectConnect-peer	obfuscated eMule	LimeWire 4.13.2 Beta	Blubster 3.1.1	WinMX
DirectConnect-adc-peer	eMule Plus 1.2e	LimeWire 4.14.10	Manolito 1.18 - 1.19	WinMX 3.53
ApexDc++ 1.2.1	Hydranode 0.3.0	LimeWire 4.14.8	Manolito 3.07	WinMX 3.54 Beta 4
ApexDc++ 1.3.4	Jubster	LimeWire 4.16.7	Manolito 3.1.1	XNAP 2.5r3
BCDC++ 0.750b	Lphant 3.0	LimeWire 4.17.3	Piolet 3.07	Winny
BCDC++ 0.770ax	Lphant 3.50 - 3.51	LimeWire 4.18.1	Piolet 3.1.1	Winny 2.0b7.1
CZDC 0.699b2	MLDonkey 3.0.0	LimeWire 4.18.3	Mute	XDCC
CZDC 0.699c	MLDonkey 3.0.3	LimeWire 4.18.8	Mute 0.5.1	XDCC Catcher 2.3
DC#	Morpheus 5.4.0.1080	LimeWire 5.0.11	OpenFT	XDCC Fetcher 1.409
DC++ 0.691	Morpheus 5.5.1	LimeWire 5.1.2	OpenFT 0.5.2	XDCC Fetcher 1.432
DC++ 0.695	Shareaza 2.4.0.0	LimeWire 5.2.13	Filepipe	XDCC Klipper 4.5
DC++ 0.698	Shareaza 2.5.3.0	LimeWire 5.3.0 Beta	OFF	

Instant Messaging (IM)

Gadu-Gadu	Miranda 0.9.0	Google Talk 1.0.0.105	MSN-file-transfer	Oscar-picture-transfer
Gadu-Gadu-server	mIRC 6.3.2	iChat 5.0.3	Adium 1.3.10	Oscar-voice
Gadu-Gadu-file-transfer	mIRC 7.1	Kopete 1.0	Aytm 0.4.6	Oscar-video
Gadu-Gadu-voice	Meebo	Miranda 0.6.6 - 6.6.8	GMX Multimessenger 3.01.2047	AIM 1.2
Adium 1.3.10	PoPo	Miranda 0.7.13 - 0.7.14	GMX Multimessenger 3.70.2815	AIM 6.1
GaduGadu 17.02.09	PoPo 2009beta1	Miranda 0.7.17	Kopete 1.0	AIM 6.8
GaduGadu 4.04.09	QQ	Miranda 0.7.6 - 0.7.7	Miranda 0.6.6 - 0.6.8	GMX Multimessenger 3.01.2047
GaduGadu 01.09.09	QQ 2005	Miranda 0.8.0a25	Miranda 0.7.13 - 0.7.14	GMX Multimessenger 3.70.2815
GaduGadu 7.7	QQ 2007beta3	Miranda 0.8.0a27	Miranda 0.7.17	ICQ 5.1
GaduGadu 10	QQ 2009	Miranda 0.9.0	Miranda 0.7.6 - 0.7.7	ICQ 6
Miranda 0.6.6 - 6.6.8	QQ 2009beta2	Pidgin (previously Gaim) 2.6.2	Miranda 0.8.0a25	ICQ 6.5
Miranda 0.7.13 - 0.7.14	QQ International beta3	Psi 0.11	Miranda 0.8.0a27	ICQ 7.2
Miranda 0.7.17	Jabber/Google Talk (XMPP)	Psi 0.13	Miranda 0.9.0	Kopete 1.0
Miranda 0.7.6 - 0.7.7	Jabber-unknown	Psi 0.14	Pidgin 2.6.2 (previously Gaim)	Miranda 0.6.32
Miranda 0.8.0a25	Jabber-voice	Qnext 3.0.4.64beta	Pidgin 2.7.3	Miranda 0.6.6 - 0.6.8
Miranda 0.8.0a27	Jabber-video	Qnext 4.0.4.42beta	Trillian/Trillian Pro 3.1.12.0	Miranda 0.7.13 - 0.7.14
Miranda 0.9.0	Jabber-file-transfer	Trillian/Trillian Pro 3.1	Trillian/Trillian Pro 3.1.9.0	Miranda 0.7.17
IRC	Google Talk-unknown	Trillian/Trillian Pro 3.1.12.0	Qnext 3.0.4.64beta	Miranda 0.7.6 - 0.7.7
IRC-unknown	Google Talk-voice	Trillian/Trillian Pro 3.1.9.0	Qnext 4.0.4.42beta	Miranda 0.8.0a25
IRC-file-transfer	Google Talk-video	Web.de Multimessenger 3.01.2048	Web.de Multimessenger 3.01.2048	Miranda 0.8.0a27
Aytm 0.4.6	Google Talk-file-transfer	Web.de Multimessenger 3.70.2816	Web.de Multimessenger 3.70.2816	Miranda 0.9.0
Miranda 0.6.6 - 6.6.8	Adium 1.3.10	Jabber App Nimbuzz	Windows Live 14.0.8050.1202	Pidgin 2.6.2 (previously Gaim)
Miranda 0.7.13 - 0.7.14	Aytm 0.4.6	Nimbuzz 1.3.0	Windows Live 14.0.8064.206	Pidgin 2.7.3
Miranda 0.7.17	GMX Multimessenger 3.01.2047	MSN	Windows Live 14.0.8117.416	Trillian/Trillian Pro 3.1.12.0
Miranda 0.7.6 - 0.7.7	GMX Multimessenger 3.70.2815	MSN-unknown	Oscar	Trillian/Trillian Pro 3.1.9.0
Miranda 0.8.0a25	Google Talk 1.0.0.92	MSN-voice	Oscar-unknown	Qnext 3.0.4.64beta
Miranda 0.8.0a27	Google Talk 1.0.0.104	MSN-video	Oscar-file-transfer	Qnext 4.0.4.42beta

... Instant Messaging (IM)

Web.de Multimessenger 3.01.2048	Qnext	Kopete 1.0	original Yahoo client 4.1	original Yahoo client 9.0.0.2162
Web.de Multimessenger 3.70.2816	Yahoo	Miranda 6.3.2	original Yahoo client 5.0	original Yahoo client 10.0.0.1270
Paltalk	<i>Yahoo-unknown</i>	Miranda 0.6.6 - 0.6.8	original Yahoo client 5.5	Pidgin 2.6.2 (previously Gaim)
<i>Paltalk-server</i>	<i>Yahoo-voice</i>	Miranda 0.7.13 - 0.7.14	original Yahoo client 5.6	Pidgin 2.7.3
<i>Paltalk-file-transfer</i>	<i>Yahoo-video</i>	Miranda 0.7.17	original Yahoo client 6.0	Qnext 3.0.4.64beta
<i>Paltalk-voice</i>	<i>Yahoo-file-transfer</i>	Miranda 0.7.6 - 0.7.7	original Yahoo client 6.1	Qnext 4.0.4.42beta
Paltalk 17705	<i>Yahoo-webchat</i>	Miranda 0.8.0a25	original Yahoo client 7.4	Trillian/Trillian Pro 3.1.12.0
Paltalk 17710	Aytm 0.4.6	Miranda 0.8.0a27	original Yahoo client 7.5.0.647	Trillian/Trillian Pro 3.1.9.0
Paltalk 17716	Gaim	Miranda 0.9.0	original Yahoo client 8.0	Web.de Multimessenger 3.01.2048
Paltalk 17772	GMX Multimessenger 3.01.2047	original Yahoo client 3.0	original Yahoo client 8.1.0.421	Web.de Multimessenger 3.70.2816
Web.de Multimessenger	GMX Multimessenger 3.70.2815	original Yahoo client 3.5	original Yahoo client 9.0.0.2152	

Standard Protocols

BGP	pcAnywhere	VNC	<i>DDL-gigeshare.com</i>	<i>DDL-up-file.com</i>
DHCP	PPP	Direct Download Link (DDL)	<i>DDL-ifolder.ru</i>	<i>DDL-uploaded.to</i>
DNS	POP3	<i>DDL-4shared.com</i>	<i>DDL-live-share.com</i>	<i>DDL-uploading.com</i>
EGP	RADIUS	<i>DDL-badongo.com</i>	<i>DDL-mediafire.com</i>	<i>DDL-uploadingit.com</i>
FTP	RADIUS	<i>DDL-badongo.net</i>	<i>DDL-megashare.com</i>	<i>DDL-uploadyourfiles.de</i>
<i>FTP-control</i>	Syratel Radius	<i>DDL-bigfilez.com</i>	<i>DDL-megashares.com</i>	<i>DDL-wiiupload.net</i>
<i>FTP-data</i>	RDP	<i>DDL-easy-share.com</i>	<i>DDL-megaupload.com</i>	<i>DDL-yourfilehost.com</i>
HTTP	RDS	<i>DDL-filearchiv.ru</i>	<i>DDL-mofile.com</i>	<i>DDL-yourfiles.biz</i>
HTTP App ACTIVESYNC	SMB/CIFS	<i>DDL-filecloud.com</i>	<i>DDL-quicksharing.com</i>	<i>DDL-zshare.net</i>
ICMP	SMTP	<i>DDL-filefactory.com</i>	<i>DDL-rapidshare.com</i>	<i>DDL-hostggg.com</i>
IGMP	SNMP	<i>DDL-filefront.com</i>	<i>DDL-rapidshare.de</i>	<i>DDL-megarotic.com</i>
IMAP	SSDP	<i>DDL-fileho.com</i>	<i>DDL-rapidupload.com</i>	<i>DDL-load.to</i>
IPP	STUN	<i>DDL-filepost.ru</i>	<i>DDL-sendspace.com</i>	<i>DDL-filebase.to</i>
Mapi	Syslog	<i>DDL-filer.net</i>	<i>DDL-sharebee.com</i>	<i>DDL-netload.in</i>
MulticastDNS	TDS	<i>DDL-files.to</i>	<i>DDL-vip-file.com</i>	<i>DDL-massmirror.com</i>
NETBIOS	TeamViewer	<i>DDL-fileupload.net</i>	<i>DDL-adrive.com</i>	XDMCP
NFS	Telnet	<i>DDL-fileupyours.com</i>	<i>DDL-simpleupload.net</i>	
NTP	TFTP	<i>DDL-ftp2share.com</i>	<i>DDL-speedshare.org</i>	
OSPF	Usenet	<i>DDL-gigasize.com</i>	<i>DDL-ultrashare.de</i>	

Voice over IP (VoIP)

Fring	MGC-rtp	Skinny	Skype v3.2.0.53	Skype v3.8.0.96
<i>Fring-unknown</i>	ooVoo	Skype	Skype v3.2.0.63	Skype v3.8.0.115
<i>Fring-voice</i>	RTCP	<i>Skype-unknown</i>	Skype v3.2.0.82	Skype v3.8.0.139
H.323	SIP	<i>Skype-voice</i>	Skype v3.2.0.115	Skype v3.8.0.154
Ekiga 3.2.0	<i>SIP-unknown</i>	<i>Skype-out</i>	Skype v3.2.0.145	Skype v3.8.0.180
Ekiga 3.2.6	<i>SIP-msn</i>	<i>Skype-video</i>	Skype v3.2.0.148	Skype v3.8.0.188
NetMeeting 3.01	<i>SIP-yahoo</i>	Skype v2.6.0.105	Skype v3.2.0.152	Skype Beta v4.0.0.176
OpenH.323 1.19.0.1	<i>SIP-vonage</i>	Skype v3.0.0.106	Skype v3.2.0.158	Skype Beta v4.0.0.226
XMeeting 0.4p2	<i>SIP-oscar</i>	Skype v3.0.0.123	Skype v3.2.0.163	Skype v4.0.0.195
IAX	<i>SIP-gadu-gadu</i>	Skype v3.0.0.137	Skype v3.2.0.175	Skype v4.0.0.206
DiAx 0.9.14	<i>SIP-oscar-video</i>	Skype v3.0.0.154	Skype v3.5.0.107	Skype v4.0.0.215
Firefly 3.3.2	<i>SIP-yahoo-video</i>	Skype v3.0.0.190	Skype v3.5.0.158	Skype v4.0.0.216
IAXComm 1.2.0	<i>SIP-ichat-facetime</i>	Skype v3.0.0.198	Skype v3.5.0.178	Skype v4.0.0.224
IAXPhone 2.1beta3	Ekiga 3.2.0	Skype v3.0.0.205	Skype v3.5.0.202	Skype v4.0.0.226
Idefisk/Zoiper 2.22	Ekiga 3.2.6	Skype v3.0.0.209	Skype v3.5.0.214	Skype v4.1.0.136
Kiax 2.1beta2	Gizmo 3.1.2.291	Skype v3.0.0.214	Skype v3.5.0.229	Skype v4.1.0.141
LoudHush 1.3.21	iPhone Facetime iOS 4.0.2	Skype v3.0.0.216	Skype v3.5.0.234	Skype v4.1.0.166
PURtel	OpenWengo/	Skype v3.0.0.217	Skype v3.5.0.239	Truphone
YakaPhone 1.4.2	QuiteCom 2.2rc3	Skype v3.0.0.218	Skype v3.6.0.115	Teamspeak
ZiaxPhone 0.8	SipGate	Skype v3.1.0.112	Skype v3.6.0.127	
Iskoot	Twinkle 1.4.2	Skype v3.1.0.144	Skype v3.6.0.159	
MGCP	Vonage 0.9.3	Skype v3.1.0.150	Skype v3.6.0.244	
<i>MGCP-control</i>	XMeeting 0.4p2	Skype v3.1.0.152	Skype v3.6.0.248	

Streaming Protocols

AVI	youporn.com	MPEG	ORB	ORB-client-3gp
Feidian	youtube.com	Jupster 4.0.0	<i>ORB-unknown</i>	<i>ORB-client-upload-download</i>
Feidian 1.0.1.32	etc.	Screamerradio 0.3.8	<i>ORB-server</i>	ORB 1.01.0695
Feidian 1.3.1	Funshion	Screamerradio 0.4.3	<i>ORB-client</i>	ORB 2.00.0873
Flash*	IPTV	VLC 0.8.6h	<i>ORB-client-rtsp</i>	ORB 2.00.0885
BBC	T-Home/TV2 1.2.46058.8	VLC 1.0.2	<i>ORB-client-rdt</i>	ORB 2.00.0930
clipfish.de	Kontiki	Winamp 3.531	<i>ORB-client-mwv</i>	ORB 2.01.0025
Coolstream	MMS	Winamp 5.56	<i>ORB-client-wma</i>	ORB 2.01.0026
myspace.com	Windows Media Player 11	OGG	<i>ORB-client-flash</i>	ORB 2.01.0028
myvideo.de	Move	Icecast 2.3.2	<i>ORB-client-flv</i>	ORB 2.01.0039

*Website-embedded flash content

ORB 2.01.0042
ORB 2.50.0185
Octoshape
CNN strreaming
Pandora
PPLive
PPLive 1.8.7
PPLive 1.9.23
PPLive 2.0.21
PPLive 2.1.0.0011
PPLive 2.2.1
PPLive 2.2.2
PPLive 2.3.4.0024
PPStream
PPStream 1.0.18.29

PPStream 1.0.4.641
PPStream 2.2.27.1067
PPStream 2.2.34.1122
PPStream 2.6.84.6000
PPStream 2.6.86.7800
PPStream 2.6.86.8250
PPStream 2.6.86.8800
QQ
QQLive
QQLive 5.01
QQLive 7.3
QQLive 8.0
QuickTime
iTunes 7.6.2.9
iTunes 9.0.1

QuickTime 7.6.4
Real Media
RealMediaStream 11
RTSP
RTSP
SCTP
SHOUTcast
Fishradio 1.1
Slingbox
Slingbox 1.3.0
Slingbox 1.4.0
Slingbox 2.0.2481
Slingbox 2.0.3508
SopCast
SopCast 1.1.1

SopCast 2.0.4
SopCast 3.0.3
SopCast 3.2.4
TVAnts
TVAnts 1.0.0.59
TVAnts 1.0.0.59.0835
TVUPlayer
TVUPlayer 2.3.2
TVUPlayer 2.3.6beta1
TVUPlayer 2.4.1.0
TVUPlayer 2.4.5.1
TVUPlayer 2.4.8.2
UUSee
UUSee 2.0.0.11
UUSee 2007

UUSee 2008
V CAST
VeohTV
VeohTV 1.1.3beta
VeohTV 3.9.6.1048
Windows Media Stream
Zattoo
Zattoo 3.1.0
Zattoo 3.3.3 - 3.3.4
Zattoo 3.0.5beta
Zattoo 3.1.1.11916
Zattoo 3.3.1.18350

Tunnel Protocols

SSL
HTTPS
IMAPS
POP3S
SMTPS
Stunnel
GRE
GTP

GTP-control
GTP-user-data
HamachiVPN
HamachiVPN 1.0.3.0
IP in IP
IPsec
IPsec UDP
ISAKMP

L2TP
OpenL2TP 1.6
OpenVPN
Hotspot Shield 1.3
MyFreedom 2.1-rc9
OpenVPN 2.1-rc11
PPTP
SoftEthernet

SSH
Tor
Tor 0.1.10
VoipSwitch VoIP Tunnel
VPN-X
VTun
VTun 3.0.2-1.1
YourFreedom

Socks
Socks v4
Socks v5

Gaming Protocols

Armagetron
Battlefield
CGA Games
Clubpenguin
Crossfire
Dofus
Florensia
Fiesta
GameKit
Google Earth
Guildwars

Half-Life 2 and Mods
Halo
Lively
Maplestory
Popo Game
Popo Game 2.0.26176.1
PS3
Quake
QQ Game
Second Life
Second Life 1.21.6.99587

Sina Game
Spellforce
Splashfighter
Steam
Steam v008 49/770
Vietcong
Warcraft 3
Wii
World of Warcraft
World of Warcraft 1.4.0.228
Xbox

Business Protocols

Citrix
LDAP
MySQL
Kerberos

PostgreSQL
SAP
MSSQL
MSSQL 2005 9.00.2047.00

Mobile Internet Protocols

Blackberry
WAP-WSP
WAP-WTP-WSP

WAP-WTLS
Multimedia Messaging Service

