# 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 website www.ipoque.com.

## **REGULAR SIGNATURE UPDATES**

Regular PACE updates are available at least once a month to ensure the continuing effectiveness of the protocol signatures. Updates can be downloaded from ipoque's support portal at http://portal.ipoque.com. Please note that firmware updates for PRX Traffic Manager and DPX Network Probe have different release schedules.

## **CUSTOM PROTOCOL DEFINITIONS**

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 (from the list below)
- · HTTP host list or URL list for HTTP-based layer-7 protocols
- Traffic direction (i.e. inbound, outbound)
- SSL certificate information for encrypted traffic

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

Aimini	Azureus / Vuze 3.0.5.0	Azureus / Vuze 4.4.0.1	BitSpirit 3.6.0.200	BitTorrent / Mainline 7.2
Aimini 1.9	Azureus / Vuze 3.0.5.2	Azureus / Vuze 4.4.0.2	BitSpirit 3.6.0.300	BitTyrant 1.1.1
AppleJuice	Azureus / Vuze 3.0.5.2a	Azureus / Vuze 4.4.0.4	BitSpirit 3.6.0.315	Blizzard Downloader
AppleJuice 0.29.142.229	Azureus / Vuze 3.0.5.2b	Azureus / Vuze 4.4.0.6	BitSpirit 3.6.0.330	BTG 0.9.2
Appleluice 0.30 146	Azureus / Vuze 3.1.0.0	Azureus / Vuze 4.5.0.4	BitSpirit 3.6.0.336	BtManager 1.99.4
AppleIuice 0.31.149.110	Azureus / Vuze 3.1.1.0	Azureus / Vuze 4.5.1.0	BitSpirit 3.6.0.362	BTSharp 3.1.0b
ANts P2P	Azureus / Vuze 4.0.0.2	BitComet o.61 - 0.91	BitSpirit 3.6 o 401	burst! 3.1.0b
ANts P2P I.6	Azureus / Vuze 4.0.0.4	BitComet 0.93	BitSpirit 3.6.0.403	CTorrent 1.3.4
Ares	Azureus / Vuze 4.1.0.0	BitComet 0.96	BitSpirit 3.6.0.550	Deluge 1.1.9
Ares 1.9.2	Azureus / Vuze 4.1.0.2	BitComet 0.99	BitTornado 0.3.17	Deluge 1.2.0
Ares 2.0.8	Azureus / Vuze 4.1.0.4	BitComet 1.0	BitTornado 0.3.18	Deluge 1.2.0_rcI
Ares 2.0.9	Azureus / Vuze 4.2.0.0	BitComet 1.01 - 1.10	BitTorrent / Mainline 4.26.0	Deluge 1.2.0_rc2
Ares 2.I.I.3035	Azureus / Vuze 4.2.0.2	BitComet 1.14	BitTorrent / Mainline 5.0.0 -	Deluge 1.2.0_rc3
Ares 2.1.6.3040	Azureus / Vuze 4.2.0.8	BitComet 1.15	5.0.9	Deluge 1.2.0_rc4
Filepipe 2.7	Azureus / Vuze 4.2.0.8a	BitComet 1.16	BitTorrent / Mainline 6.0.1 -	Deluge 1.2.0_rc5
KCEasy 0.19	Azureus / Vuze 4.2.0.9	BitComet 1.17	6.0.3	Deluge 1.2.1
BitTorrent	Azureus / Vuze 4.3.0.0	BitComet 1.18	BitTorrent / Mainline 6.1.1	Deluge 1.2.2
BitTorrent-plain	Azureus / Vuze 4.3.0.1	BitComet 1.19	BitTorrent / Mainline 6.1.2	Deluge 1.2.3
BitTorrent-encrypted	Azureus / Vuze 4.3.0.2	BitComet 1.20	BitTorrent / Mainline 6.1.2a	Deluge 1.3.0_rc1
ABC 3.I	Azureus / Vuze 4.3.0.4	BitComet 1.21	BitTorrent / Mainline 6.2	Deluge 1.3.1
Acquisition 2.1	Azureus / Vuze 4.3.0.4a	BitComet 1.22	BitTorrent / Mainline 6.2a	FlashGet 1.9.6
Anatomic P2P O.I	Azureus / Vuze 4 3 0 5	BitComet 1.25	BitTorrent / Mainline 6.2b	FlashGet 3.2.0.1060 Beta
Arctic Torrent 1.2.3	Azureus / Vuze 4.3.0.6	BitFlu 0.91	BitTorrent / Mainline 6.2c	FlashGet 3.3.0.1092
Azureus / Vuze 2.3.0.6	Azureus / Vuze 4 3.0.7	BitFlu 1.21	BitTorrent / Mainline 6.3	FlashGet 3.5.0.II26
Azureus / Vuze 2 4.0.2	Azureus / Vuze 4.3.1.0	BitLord 0.56	BitTorrent / Mainline 6.3a	Freeloader
Azureus / Vuze 2.5.0.0	Azureus / Vuze 4.3.1.0a	BitLord I.OI	BitTorrent / Mainline 6.3b	FrostWire 4.20.9.0
Azureus / Vuze 2.5.0.2	Azureus / Vuze 4.3.1.1	BitLord 1.1	BitTorrent / Mainline 6.3c	G3 Torrent 1.01
Azureus / Vuze 3.0	Azureus / Vuze 4.3.1.2	BitLord I.2 Beta	BitTorrent / Mainline 6.4	Gnome BitTorrent 0.0.32
Azureus / Vuze 3.0.0.9.4b	Azureus / Vuze 4.3.1.4	BitLord 2.0 Beta	BitTorrent / Mainline 6.4a	Halite 0.3.1
Azureus / Vuze 3.0.1.6a	Azureus / Vuze 4.3.1.5	BitPump	BitTorrent / Mainline 6.4b	Halite 0.3.2
Azureus / Vuze 3.0.3.0	Azureus / Vuze 4.4.0.0	Bits on Wheels 1.0.6	BitTorrent / Mainline 7.1	Halite 0.3.2.1



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Halite 0.3.2.2 KTorrent 3.2.3 KTorrent 3.3beta KTorrent 3.3.4 LimeWire 4.12.11 LimeWire 4.12.15 LimeWire 4.12.6 LimeWire 4.13.0 Beta LimeWire 4.13.14 LimeWire 4.13.2 Beta LimeWire 4.14.10 LimeWire 4.14.8 LimeWire 4.16.7 LimeWire 4.17.3 LimeWire 4.18.1 LimeWire 4.18.3 LimeWire 4.18.8 LimeWire 5.0.11 LimeWire 5.1.2 LimeWire 5.2.13 LimeWire 5.3.0 Beta LimeWire 5.3.6 LimeWire 5.4.5 LimeWire 5.4.6 LimeWire 5.4.7 LimeWire 5.4.8 LimeWire 5.5.5 LimeWire 5.5.6 LimeWire 5.5.7 LimeWire 5.5.8 LimeWire 5.5.9 LimeWire 5.5.14 MLDonkey 3.0.0 MonoTorrent 0.72 MooPolice 2.0 MooPolice 2.2 MooPolice 2.3 MooPolice 2.4 Opera 10.00 Opera 10.63 Opera II o Pando 2.5.1.4 aBittorrent 1.5.1 aBittorrent 2.4.2 QTorrent 0.9.5 rTorrent o.8.5 rTorrent o.8.6 Rufus 0.6.9 Rufus o.7 Beta Shareaza 2.2.5.3 Shareaza 2.3.1.0 Shareaza 2.4.0.0 Shareaza 2.5 Shareaza 2.5.1 Shareaza 2.5.2 Shareaza 2.5.3 Shareaza 70.0.91481 Sharktorrent 0.1.8.4 Sharktorrent 0.2.0.4 SymTorrent I 4I

Tomato Torrent 1.5.1 TorrentFlux 2.4 TorrentSpy Torrent Swapper I.o TorrentVolve 1.4 Beta Transmission T 74 Transmission 1.93 Turbo Torrent μTorrent 1.6 μTorrent 1.6.2 μTorrent 1.7 μTorrent 1.7.2 uTorrent 1.7.5 μTorrent 1.77 μTorrent 1.7 Beta μTorrent I.8.0 μTorrent 1.8.orc2 μTorrent 1.8.orc6 uTorrent 1.8.1 μTorrent 1.8.2 μTorrent I.8.3 Beta uTorrent 1.8.3 Stable uTorrent 1.8.4 μTorrent I.8.5 μTorrent 2.0 Beta μTorrent 2.0.4 μTorrent 2.2 WizBit Xtorrent 1.1 Xtorrent 2.0 ZipTorrent DirectConnect DirectConnect-hub DirectConnect-peer DirectConnect-adc-peer ApexDc++ 1.2.1 ApexDc++ 1.3.4 BCDC++ 0.750b BCDC++ 0.770ax CZDC 0.699b2 CZDC 0.699c DC# DC++ 0.691 DC++ 0.695 DC++ 0.698 DC++ 0.699 DC++ 0.705 DC++ 0.7091 DC++ 0.750 DC++ 0.770 DCTC 0.85.9 Dolda Connect 1.3 Elise 0.005 fulDC 6.78 fulDC 6.79 GtkDC LDCC

oDC 5.31 Revconnect 0.674 SababaDC 1.02 ShakesPeer 0.9.5 ShakesPeer 0.9.11 StrongDC++ 2.3.0 StrongDC++ 2.4.I Valknut 0.49 eDonkey eDonkey-plain eDonkey-encrypted aMule 2.2.5 aMule 2.1.3 aMule 2.2.3 aMule 2.2.6 eDonkey2000 I.4.5 eMule 0.46c eMule 0.47a - 0.47c eMule 0.48a eMule 0.49a - 0.49c eMule 0.50a obfuscated eMule eMule Plus 1.2e Hudranode 0.3.0 Jubster Lphant 3.0 Lphant 3.50 - 3.51 MLDonkey 3.0.0 MLDonkey 3.0.3 Morpheus 5.4.0.1080 Morpheus 5.5.1 Shareaza 2.4.0.0 Shareaza 2.5.3.0 WinMX MP3 4.7.0 xMule 1.13.6 XoloX 2.0 Filetopia Filetopia 3.04 Freenet Freenet 0.7 Freenet 0.7.5 Gnutella Acquisition 2.1 Acquisition 2.2.I Acqlite 0.3.5 Acqlite 0.4.1 Apollon 1.0.2.1 BearFlix 1.2 Cabos 0.8.1 Cabos 0.8.2 CocoGnut 1.21 DM2 1.23.1 Filepipe FrostWire 4.18.1 FrostWire 4.20.9.0 giFT 0.0.11 Gnucleus 1.8.6.0 Gnucleus 2.0.2.0 Gtk-gnutella 0.96.6 Gluz

iMesh Light 5.0.2 KCEasy 0.19 KCEasy 0.19-rc1 Kiwi Alpha 3.1.4 LimeWire 4.12.11 LimeWire 4.12.15 LimeWire 4.12.6 LimeWire 4.13.0 Beta LimeWire 4.13.14 LimeWire 4.13.2 Beta LimeWire 4.14.10 LimeWire 4.14.8 LimeWire 4.16.7 LimeWire 4.17.3 LimeWire 4.18.1 LimeWire 4.18.3 LimeWire 4.18.8 LimeWire 5.0.11 LimeWire 5.1.2 LimeWire 5.2.13 LimeWire 5.3.0 Beta LimeWire 5.5.13 Morpheus 5.4.0.1080 Morpheus 5.5.1 Morpheus 5.7.1 Mutella 0.4.5 Phex 3.4.2.116 Poisoned 0.5191 Qtella 0.7.0 Shareaza 2.4.0.0 Swapper.NET 4.5.1660.30216 Symella 1.40 WinMX MP3 4.7.0 XFactor XNap 3.0 XoloX 2.0 iMesh BearShare 6.1 BearShare 70 - 7.1 iMesh 7.1 iMesh 7.2.0 iMesh 8.1.0.60.352 iMesh 9.0 iMesh 10.0 iMesh Lite 5.0.2 Lphant 4.0 Lphant 5.1 Shareaza 7.0 KaZaa / Fasttrack Apollon 1.0.2.1 iMesh Light 5.0.2 Kazaa 3.2.7 Kazaa Lite Mammoth o.i.3

Manolito 3.1.1 Piolet 3.07 Piolet 3.1.1 Mute Mute 0.5.1 OpenFT OpenFT 0.5.2 Filepipe OFF OFF 0.17.00 OFF 0.19.13 OFF 0.19.34 Pando Pando 1.5.5.1 Pando 1.6 Pando 2.0.0.5 Pando 2.0.2.2 Pando 2.0.3.0 Pando 2.3.0.0 Pando 2.3.0.2 Pando 2.3.2.3 Pando 2.5.1.4 SoulSeek SoulSeek 156 SoulSeek 156b SoulSeek 156c SoulSeek 157 NS 13e SoulSeek 157 test 8 SoulseeX I.ob6 pySoulSeek 1.2.7c StealthNet StealthNet o.8.7.7 Thunder / Webthunder Thunder / WebThunder 5.6.9.344 Thunder / WebThunder 5.8.10.675 Thunder / WebThunder 5.8.12.689 Thunder / WebThunder 5.8.13.699 Thunder / WebThunder 5.8.9.662 Thunder / WebThunder 5.9.7.1062 WinMX WinMX 3.53 WinMX 3.54 Beta 4 XNap 2.5r3 Winny Winny 2.ob7.1 **XDCC** XDCC Catcher 2.3 XDCC Fetcher 1.409 XDCC Fetcher 1.432

#### **INSTANT MESSAGING (IM)**

Gadu-Gadu
Gadu-Gadu-server
Gadu-Gadu-yoice
Adium 1.3.10
GaduGadu 17.02.09
GaduGadu 17.02.09
GaduGadu 01.09.09
GaduGadu 7.7
GaduGadu 10
Miranda 0.6.6 - 6.6.8
Miranda 0.7.17
Miranda 0.7.6 - 0.7.7
Miranda 0.7.6 - 0.7.7
Miranda 0.8.0a25

Miranda o.8.0a27 Miranda o.9.0 IM+ IM+ 4.3 IM+ 4.5 IRC IRC-unknown IRC-file-transfer Ayttm o.4.6 Miranda o.6.6 - 6.6.8 Miranda o.7.13 - 0.7.14 Miranda o.7.17 Miranda o.7.6 - 0.77 Miranda o.8.0a25 Miranda o.8.0a27

LinuxDC++ 1.0.2

Microdc2 0.15.6

Microdo

Miranda 0.9.0
mIRC 6.3.2
mIRC 7.1
Meebo
PoPo
PoPo 2009beta1
QQ
QQ 2005
QQ 2005
QQ 2009beta2
QQ 2009beta2
QQ International beta3
Jabber-Unknown
Jabber-voice

Jabber-video
Jabber-file-transfer
Google Talk-unknown
Google Talk-video
Google Talk-file-transfer
Adium 1.3.10
Ayttm 0.4.6
GMX Multimessenger
3.01.2047
GMX Multimessenger
3.70.2815
Google Talk 1.0.0.92
Google Talk 1.0.0.104
Google Talk 1.0.0.105

Filepipe

Manolito

Blubster 3.02

Blubster 3.1.1

Manolito 3.07

Manolito 1.18 - 1.19

iChat 5.0.3
Kopete I.O
Miranda 0.6.6 - 6.6.8
Miranda 0.7.13 - 0.7.14
Miranda 0.7.6 - 0.7.7
Miranda 0.8.0a25
Miranda 0.8.0a27
Miranda 0.9.0
Pidgin (previously Gaim) 2.6.2
Psi 0.11
Psi 0.13
Psi 0.14
Qnext 3.0.4.64beta
Qnext 4.0.4.42beta

XDCC Klipper 4.5



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Trillian/Trillian Pro 3.1 Trillian/Trillian Pro 3.1.12.0 Trillian/Trillian Pro 3.1.9.0 Web de Multimessenger 3.01.2048 Web de Multimessenger 3.70.2816 Jabber App Nimbuzz Nimbuzz 1.3.0 MSN MSN-unknown MSN-voice MSN-video MSN-file-transfer Adium 1.3.10 Auttm 0.4.6 GMX Multimessenger 3.01.2047 GMX Multimessenger 3.70.2815 Kopete 1.0 Miranda o.6.6 - o.6.6.8 Miranda 0.7.13 - 0.7.14 Miranda 0.7.17 Miranda 0.7.6 - 0.7.7 Miranda 0.8.0a25 Miranda o.8.0a27

Miranda 0.9.0 Pidgin 2.6.2 (previously Gaim) Pidqin 2.7.3 Trillian/Trillian Pro 3.1.12.0 Trillian/Trillian Pro 3.1.9.0 Qnext 3.0.4.64beta Qnext 4.0.4.42beta Web de Multimessenger 3.01.2048 Web.de Multimessenger 3.70.2816 Windows Live 14.0.8050.1202 Windows Live 14.0.8064.206 Windows Live 14.0.8117.416 Oscar Oscar-unknown Oscar-file-transfer Oscar-picture-transfer Oscar-voice Oscar-video AIM I.2 AIM 6.1 AIM 6.8 GMX Multimessenger 3.01.2047 GMX Multimessenger

ICQ 5.I ICQ6 ICQ 6.5 ICQ 7.2 Kopete 1.0 Miranda 0.6.32 Miranda 0.6.6 - 0.6.8 Miranda 0.7.13 - 0.7.14 Miranda 0.7.17 Miranda 0.7.6 - 0.7.7 Miranda o.8.0a25 Miranda o.8.0a27 Miranda 0.9.0 Pidgin 2.6.2 (previously Gaim) Pidgin 2.7.3 Trillian/Trillian Pro 3.1.12.0 Trillian/Trillian Pro 3.1.9.0 Qnext 3.o.4.64beta Qnext 4.0.4.42beta Web.de Multimessenger 3.01.2048 Web.de Multimessenger 3.70.2816 Paltalk Paltalk-server Paltalk-file-transfer Paltalk-voice

Paltalk 17705 Paltalk 17710 Paltalk 17716 Paltalk 17772 Web.de Multimessenger Onext Vahoo Yahoo-unknown Yahoo-voice Yahoo-video Yahoo-file-transfer Yahoo-webchat Auttm 0.4.6 Gaim GMX Multimessenger 3.01.2047 GMX Multimessenger 3.70.2815 Kopete 1.0 Miranda 6.3.2 Miranda 0.6.6 - 0.6.8 Miranda 0.7.13 - 0.7.14 Miranda 0.7.17 Miranda 0.7.6 - 0.7.7. Miranda 0.8.0a25 Miranda 0.8.0a27 Miranda o.g.o

original Yahoo client 3.0 original Yahoo client 3.5 original Yahoo client 4.1 original Yahoo client 5.0 original Yahoo client 5.5 original Yahoo client 5.6 original Yahoo client 6.0 original Yahoo client 6.1 original Yahoo client 7.4 original Yahoo client 7.5.0.647 original Yahoo client 8.0 original Yahoo client 8.1.0.421 original Yahoo client 9.0.0.2152 original Yahoo client 9.0.0.2162 original Yahoo client 10.0.0.1270 Pidgin 2.6.2 (previously Gaim) Pidgin 2.7.3 Qnext 3.0.4.64beta Qnext 4.0.4.42beta Trillian/Trillian Pro 3.1.12.0 Trillian/Trillian Pro 3.1.9.0 Web.de Multimessenger 3.01.2048 Web.de Multimessenger 3.70.2816

# STANDARD PROTOCOLS

**BGP** DHCP DNS **EGP** FTP FTP-control FTP-data HTTP HTTP App ACTIVESYNC **ICMP** IGMP IMAP IPP Mapi **MulticastDNS NETBIOS** NFS

OSPE pcAnywhere POP<sub>3</sub> RADIUS RADIUS Syratel Radius RDS SMB/CIFS **SMTP** SNMP SSDP STUN Syslog TDS **TeamViewer** Telnet TFTP

3.70.2815

Direct Download Link (DDL) DDL-4shared.com DDL-badongo.com DDL-badongo.net DDL-bigfilez.com DDL-easy-share.com DDL-filearchiv.ru DDL-filecloud.com DDL-filefactory.com DDL-filefront.com DDL-fileho.com DDL-filepost.ru DDL-filer.net DDL-files.to DDL-file-upload.net DDL-fileupyours.com

UltraBac

DDL-ftp2share.com DDL-gigasize.com DDL-gigeshare.com DDL-ifolder.ru DDL-live-share.com DDL-mediafire.com DDL-megashare.com DDL-megashares.com DDL-megaupload.com DDL-mofile.com DDL-quicksharing.com DDL-rapidshare.com DDL-rapidshare.de DDL-rapidupload.com DDL-sendspace.com
DDL-sharebee.com DDL-vip-file.com DDI-adrive.com DDL-simpleupload.net DDL-speedshare.org
DDL-ultrashare.de
DDL-up-file.com
DDL-up-file.com
DDL-uploaded.to
DDL-uploading.com
DDL-uploadingit.com
DDL-uploadyourfiles.de
DDL-wiiupload.net
DDL-yourfilehost.com
DDL-yourfiles.biz
DDL-zshare.net
DDL-hostggg.com
DDL-megarotic.com
DDL-load.to
DDL-filebase.to
DDL-mestload.in
DDL-massmirror.com
XDMCP

#### **VOICE OVER IP (VOIP)**

NTP

Fring Fring-unknown Fring-voice H.323 Ekiga 3.2.0 Ekiga 3.2.6 NetMeeting 3.01 OpenH.323 1.19.0.1 XMeeting 0.4p2 IΔX Diax 0.9.14 Firefly 3.3.2 IAXComm 1.2.0 IAXPhone 2.1beta3 Idefisk/Zoiper 2.22 Kiax 2.1beta2 LoudHush I.3.2I PURtel YakaPhone 1.4.2 ZiaxPhone o.8 iskoot MGCP

MGCP-control

MGCP-rtp ooVoo RTCP SIP SIP-unknown SIP-msn SIP-yahoo SIP-vonage SIP-oscar SIP-gadu-gadu SIP-oscar-video SIP-yahoo-video SIP-ichat-facetime Ekiga 3.2.0 Ekiga 3.2.6 Gizmo 3 I.2.291 iPhone Facetime iOS 4.0.2 OpenWengo/ QuteCom 2.2rc3 SipGate Twinkle 1.4.2 Vonage 0.9.3 XMeeting 0.4p2

Skinny Skype Skype-unknown Skype-voice Skype-out Skype-video Skype v2.6.0.105 Skype v2.8.0.851 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 v3.2.0.63 Skype v3.2.0.82 Skype v3.2.0.115 Skype v3.2.0.145 Skype v3.2.0.158 Skype v3.2.0.158 Skype v3.2.0.163 Skype v3.2.0.163 Skype v3.2.0.175 Skype v3.5.0.107 Skype v3.5.0.107 Skype v3.5.0.128 Skype v3.5.0.229 Skype v3.5.0.229 Skype v3.5.0.234 Skype v3.5.0.239 Skype v3.5.0.239 Skype v3.6.0.127 Skype v3.6.0.127 Skype v3.6.0.127 Skype v3.6.0.125 Skype v3.6.0.125

Skupe v3.6.0.248 Skype v3.8.0.96 Skype v3.8.0.115 Skupe v3.8.0.139 Skupe v3.8.0.154 Skupe v3.8.0.180 Skype v3.8.0.188 Skype Beta v4.0.0.176 Skupe Beta v4.0.0.226 Skupe v4.0.0.195 Skype v4.0.0.206 Skype v4.0.0.215 Skype v4.0.0.216 Skupe v4.0.0.224 Skype v4.0.0.226 Skype v4.1.0.136 Skupe v4.1.0.141 Skype v4.1.0.166 Skype v5.0.0.152 Skype Beta v5.0.0.6378 Skupe iOS v3.o.o Truphone

Teamspeak



## STREAMING PROTOCOLS

ÁVI Feidian Feidian 1.0.1.32 Feidian 1.3.1 Flash\* BBC clipfish.de Coolstream myspace.com myvideo.de youporn.com youtube.com etc. Funshion Icecast Icecast 2.3.2 IPTV T-Home/TV2 1.2.46058.8 Kontiki MMS Windows Media Player II VLC 1.1.4 Winamp 3:53I Winamp 5.56 Winamp 5.581 റദദ ORB ORB-unknown ORB-server ORB-client ORB-client-rtsp ORB-client-rdt ORB-client-mwv ORB-client-wma ORB-client-flash ORB-client-flv ORB-client-3gp ORB-client-upload-download ORB 1.01.0695 ORB 2.00.0873 ORB 2.00.0885 ORB 2.00.0930

ORB 2.01.0025

ORB 2.01.0026

ORB 2.01.0028

ORB 2.01.0039

ORB 2.01.0042

ORB 2.50.0185

ORB 2.57.0010

CNN strreaming

Octoshape

Pandora **PPLive** PPLive 1.8.7 PPLive 1.9.23 PPLive 2.0.2I PPLive 2.1.0.0011 PPLive 2.2.1 PPLive 2.2.2 PPLive 2.3.4.0024 PPLive 2.6.3 PPStream PPStream 1.0.18.29 PPStream I.O.4.64I 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 PPStream 2.7.0.1148 QQ QQLive QQLive 5.01 QQLive 7.3 QQLive 8.0 QQLive 8.32 QuickTime iTunes 7.6.2.9 iTunes 9.0.1 QuickTime 7.6.4

QuickTime 7.6.8 Real Media RealMediaPlayer II RealMediaPlayer 14 RTSP SCTP SHOUTcast Fishradio 1.1 iTunes 10.0.1.22 Slingbox Slingbox 1.3.0 Slingbox 1.4.0 Slingbox 2.0.2481 Slinabox 2.0.3508 SopCast SopCast 1.1.1 SopCast 2.0.4 SopCast 3.0.3 SopCast 3.2.4 SopCast 3.2.9 Spotify Spotify 0.4.8 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 TVUPlayer 2.5.3.1 UUSee UUSee 2.0.0.II UUSee 2007 UUSee 2008 UUSee 2010 **V** CAST VeohTV VeohTV Web Player 1.1.3beta VeohTV Web Player 1.2.2.1112 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 Zattoo 4.0.5

## **TUNNEL PROTOCOLS**

SSI HTTPS IMAPS POP<sub>3</sub>S SMTPS Stunnel GRE GTP GTP-control

MPEG

Jupster 4.0.0

VLC 0.8.6h

VLC 1.0.2

VLC 1.0.5

Screamer Radio 0.3.8

Screamer Radio 0.4.3

Screamer Radio 0.4.4

GTP-user-data HamachiVPN HamachiVPN 1.0.3.0 LogMeln Hamachi 2.0.2.85 IP in IP IPsec IPsec UDP ISAKMP L2TP

OpenL2TP 1.6 NetMotion NetMotion 9.1 OpenVPN Hotspot Shield 1.3 MuFreedom 2.1-rc9 OpenVPN 2.1-rc11 SoftEthernet

SSH Teredo Tor Tor 0.1.10 Tor 0.2.27 UltraSurf UltraSurf 10.02 UltraSurf 10.03 UltraSurf 10.04 UltraSurf 10.05 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 Crossfire 1.0.52 Dofus Florensia Fiesta GameKit Guildwars Guild Wars 32.488 Half-Life 2 and Mods

Lively Maplestory Popo Game Popo Game 2.0.26176.1 PS3 Quake QQ Game rFactor rFactor 1.2.5.5 Second Life Second Life 1.21.6.99587 Second Life 2.4.0

Halo

Sina Game Spellforce Splash Fighters Splash Fighters 2.56.01 Steam Steam voo8 49/770 Vietcong Warcraft 3 Wii World of Warcraft World of Warcraft 1.4.0.228 Xbox

# **BUSINESS PROTOCOLS**

Citrix LDAP MySQL Kerberos

PostgreSQL MSSQL MSSQL 2005 9.00.2047.00

# MOBILE INTERNET PROTOCOLS

Blackberry WAP-WSP WAP-WTP-WSP WAP-WTIS Multimedia Messaging Service

<sup>\*</sup>Website-embedded flash content