



DATASHEET

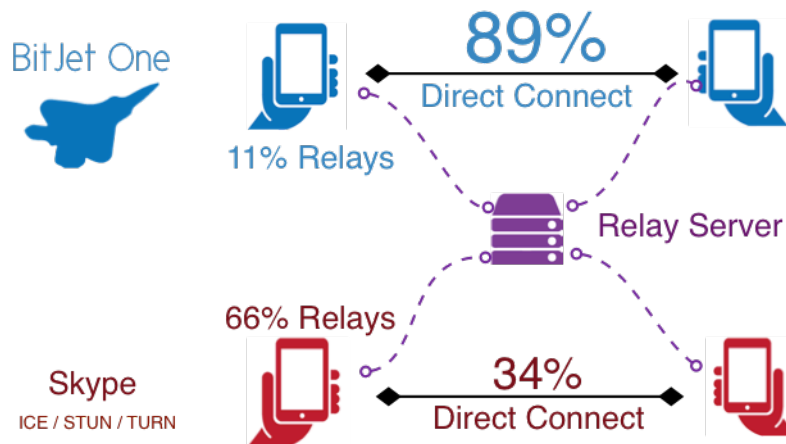
BitJet™ One

P2P SDK

BitJet One is a mobile technology SDK, which can help any Windows, iOS, Android, Mac OS, or Linux, developer establish general purpose Peer-to-Peer connectivity within their app. BitJet One goes beyond mere port forwarding or port prediction and employs cryptographic methodologies invented by Whitfield Diffie and the Bit Action Team to effectively traverse any NAT, including symmetric NATs (aka Carrier Grade NATs).

Its ability to traverse symmetric NATs makes BitJet One the only solution suitable for large-scale P2P deployments for apps that use mobile networks. Using BitJet One will significantly reduce your server infrastructure cost by minimizing the need for expensive, slow server-relayed connections and providing faster and more direct P2P connections resulting in better user experience.

Mobile-to-Mobile Connectivity

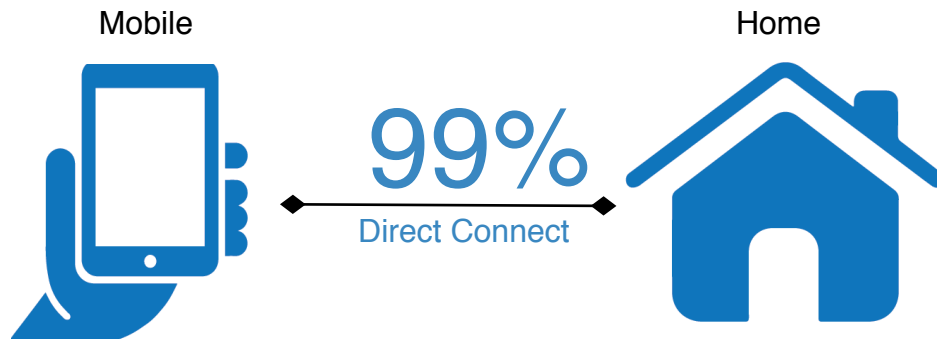


Highest Mobile-to-Mobile Direct Connectivity due to Symmetric NAT Traversal

BitJet One, by virtue of its ability to traverse symmetric NATs, provides the best direct mobile-to-mobile connectivity possible. Others technologies have to use relay servers 66% of the time. Figure based on Q2, 2014 market share reports for AT&T at 33%. (Source: Wikipedia, August 2014)

Unmatched Mobile-to-Home Connectivity

BitJet One field tests reveal that under real-world conditions, mobile-to-home connectivity is nearly 100% direct. Mobile is defined to be a laptop, mobile phone, or tablet connecting through either a mobile network or WiFi. Home is defined to be a device at a residence (set-top box, server, or appliance) connected to the Internet.



BitJet One is ideal for developers who need direct connectivity to the home from a mobile device.

Features:

- Blazing fast connect times configurable to under ONE second
- Lightweight on the Client App
- Secure NAT Traversal based on a session key
- Compatibility with standard STUN servers
- VoIP compression/decompression using the Opus codec

BitJet One Server Requirements – One of the following:

- Your own server(s) without modification for developers if you have already deployed P2P servers
- Use a standard SIP Trunk (SIP, STUN, TURN) for developers without P2P deployments
- Use ejabberd XMPP/STUN/TURN servers hosted by Bit Action or you.

About Bit Action

Headquartered in the Silicon Valley, Bit Action, Inc. has radically evolved the connectivity and security of P2P technology. Our team of world-class mathematicians, cryptographers, and computer scientists has developed the first P2P solution that scales on mobile networks. It enables direct and secure communication on such a massive scale that companies who use the BitJet One SDK are leaving their competitors behind.



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