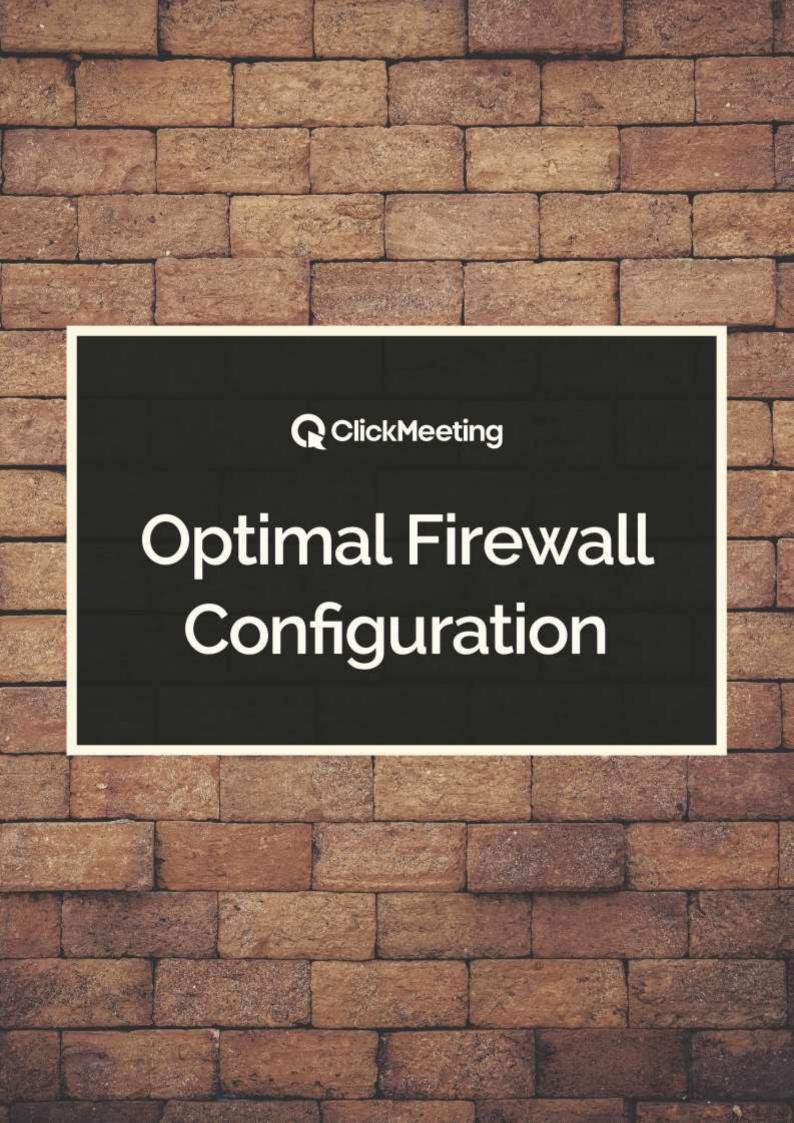# Технические требования для видеовстреч

salangin

ООО «ЦПК «ПРОФИЛЬ»

Технические требования для видеовстреч

1. Процессор 1,4 ГГц Intel® Pentium® 4 или более производительный (или аналогичный) для Microsoft® Windows® XP или Windows 7.
Процессор 2 ГГц Pentium 4 или более производительный (или аналогичный) для Windows Vista® Windows XP, Windows Vista, Windows 7 или Windows 8, Windows 10 (32/64-разрядные версии с 32-разрядным веб-обозревателем).
2. 512 Мб ОЗУ (рекомендуется 1 Гб) для Windows XP или Windows 7; 1 Гб ОЗУ (рекомендуется 2 Гб) для Windows Vista или Windows 8 или Windows 10.
3. Microsoft Internet Explorer 10 или выше (только 32-разрядная версия); Mozilla Firefox 3 или выше; Google Chrome.
4. Последняя версия плеера Adobe® Flash® у всех пользователей (ведущих, докладчиков, участников и администраторов).
5. Требование к интернет-каналу:
— Для работы с тестами/курсами/библиотекой материалов необходимы самые минимальные требования. Фактически Вы можете работать с системой даже на скорости 128 kbit/s.
— Аудиоконференция от 256 kbit/s.
— Вебинар с видео от 512 kbit/s.
— Демонстрация рабочего стола от 728 kbit/s.
6. Порты 1935, 443 и 80 должны быть открыты.

Optimal Firewall Configuration

This fact sheet covers firewall configuration regarding ClickMeeting and ClickWebinar services and future product deployments involving our servers.

1.   ClickMeeting has an outbound service ports configured for each end every user. Outbound connection may be established through TCP ports 1935, 80 or 443. For systems with restricted environments we provide TCP 1935 port available for RTMP protocol, that also works for outbound connections. ClickMeeting services are not configured to listen or require any inbound connections. For optimal use we recommend outbound configurations via TCP ports mentioned above that are 1935, 80 and 443.

2.   TCP ports 1935, 443 or 80 are fully configured for outbound connections with integrated VoIP and Webcam Video.

3.   For best performance, and to avoid blocking or latency we recommend to verify the below IP ranges and specify an exception in your firewall system configuration to exclude them from content or application data scanning filters.

4.   Should your security policies require exact specification of distinct IP ranges, we encourage you to limit firewall configuration to TCP port 1935, 80 or 443 on RTMP protocol destined for below listed ClickMeeting IP ranges.

Important notice: Unless absolutely necessary we do not recommend to configure your firewall based on steps 3 and 4 as IP ranges need to be occasionally audited and monitored, implementing further maintenance to your network. These changes are not occurring very often, however they may be indispensable to constantly provide stable and the best performance of ClickMeeting services.

For most recent information please make sure that you are reviewing the latest version of this document. The most current version may always be found in our Knowledge Base.

Last update: January 26, 2018

Assigned by localization	CIDR Notation	Numeric IP Address Range	Netmask Notation
Block 1 US Pennsylvania	104.160.66.8/29 104.160.66.135/32 108.59.10.130/32	104.160.66.8 - 104.160.66.15 104.160.66.135 108.59.10.130	104.160.66.8 255.255.255.248 104.160.66.135 255.255.255.255 108.59.10.130 255.255.255.255
Block 2 Europe Poland	213.241.89.186/32	213.241.89.186	213.241.89.186 255.255.255.255

Block 3 Asia Singapore	52.77.161.49/32 209.58.173.144/32	52.77.161.49 209.58.173.144	52.77.161.49 255.255.255.255 209.58.173.144 255.255.255.255
Block 4 Europe Ireland	52.51.138.118/32	52.51.138.118	52.51.138.118 255.255.255.255
Block 5 Australia Syndey	52.65.139.25/32	52.65.139.25	52.65.139.25 255.255.255.255
Block 6 Brasil Sao Paulo	52.67.144.238/32	52.67.144.238	52.67.144.238 255.255.255.255
Block 7 Europe Netherlands	95.211.96.149/32 95.211.96.153/32 95.211.96.178/32 37.48.83.18/32 85.17.235.22/32 85.17.235.24/32	95.211.96.149 95.211.96.153 95.211.96.178 37.48.83.18 85.17.235.22 85.17.235.24	95.211.96.149 255.255.255.255 95.211.96.153 255.255.255.255 95.211.96.178 255.255.255.255 37.48.83.18 255.255.255.255 85.17.235.22 255.255.255.255 85.17.235.24 255.255.255.255
Block 8 US Washington	162.210.194.12/30 162.210.194.16/30 207.244.98.38/31 207.244.98.40/32 199.58.85.133/32	162.210.194.12- 162.210.194.15 162.210.194.16- 162.210.194.19 207.244.98.38 - 207.244.98.40 199.58.85.133	162.210.194.12 255.255.255.252 162.210.194.16 255.255.255.252 207.244.98.38 255.255.255.254 207.244.98.40 255.255.255.255 199.58.85.133 255.255.255.255

Block 9 US San Francisco	209.58.131.14/32	209.58.131.14	209.58.131.14 255.255.255.255
Block 10 US Dallas	209.58.144.101/32	209.58.144.101	209.58.144.101 255.255.255.255
Block 11 Europe Russia	87.245.170.38/32 87.245.170.50/32 87.245.170.54/32	87.245.170.38 87.245.170.50 87.245.170.54	87.245.170.38 255.255.255.255 87.245.170.50 255.255.255.255 87.245.170.54 255.255.255.255
Block 12 Europe Germany	178.162.204.157/32 84.16.241.103/32 46.165.246.165/32	178.162.204.157 84.16.241.103 46.165.246.165	178.162.204.157 255.255.255.255 84.16.241.103 255.255.255.255 46.165.246.165 255.255.255.255

Additional information and support

ClickMeeting service is a cloud based technology hosted on a very secure infrastructure. For more information please refer to the ClickMeeting Infrastructure Reliability Fact Sheet available here.

If you meet any problems with configuration or the service itself, we provide five star support that you may always contact at support@clickmeeting.com.

Apart from standard configuration and setups we also provide dedicated services that may be fully customized to your needs. Should you have any inquiries regarding the dedicated solutions   please contact our Sales Team at sales@clickmeeting.com.