

In order for all your users to be able to use and enjoy our ubivent solution without restrictions, the IT must be approved for firewall matters. Of course, this only affects users whose internet access is protected by a firewall.

## Scope of the connections:

Our webcast system uses https/websocket on several servers via port 443 on the domains [\\*.meetyoo.de/](https://*.meetyoo.de/) and [\\*.ubivent.com/](https://*.ubivent.com/)

There is also a UDP WebRTC/DTLS/ICE connection for video & audio on ports 48100-48300. Under certain circumstances, this can also be set up via a TURN/S server that is addressed via TCP port 443 if a direct WebRTC connection fails.

## Summary:

- https 443 / tcp [webcast.meetyoo.de](https://webcast.meetyoo.de/)
- wss 443 / tcp [myubi.hosts.ubivent.net](https://myubi.hosts.ubivent.net/) (secure websocket)
- wss 443 / tcp [myubi-lb.hosts-fra.ubivent.net](https://myubi-lb.hosts-fra.ubivent.net/) (secure websocket)
- wss 443 / tcp [ubivent-lb.hosts-fra.ubivent.net](https://ubivent-lb.hosts-fra.ubivent.net/) (secure websocket)
- wss 443 / tcp [proxy \[1-500\].hosts-fra.ubivent.net](https://proxy[1-500].hosts-fra.ubivent.net/) (secure websocket)
- https 443 / tcp [live1.hosts.ubivent.net](https://live1.hosts.ubivent.net/) / live [ 1-99].[hosts-fra.ubivent.net](https://hosts-fra.ubivent.net/)
- https 443 / tcp [livemux.hosts.ubivent.net](https://livemux.hosts.ubivent.net/) (slides and video clips)
- turn / s 443 / tcp [turnserver.ubivent.com](https://turnserver.ubivent.com/) (tunnel for WebRTC SRTP connection)
- srtp / ice-dtls 48100-48300 / udp [live1.hosts.ubivent.net](https://live1.hosts.ubivent.net/) / live [1-99].[hosts-fra.ubivent.net](https://hosts-fra.ubivent.net/) (WebRTC)

## Proxy / Firewall rule recommendations:

- https 443 / tcp \*.[meetyoo.de](https://meetyoo.de/) / \*.[ubivent.com](https://ubivent.com/) / \*.[ubivent.net](https://ubivent.net/)
- CONNECT wss 443 / tcp \*.[meetyoo.de](https://meetyoo.de/) / \*.[ubivent.com](https://ubivent.com/) / \*.[ubivent.net](https://ubivent.net/)
- CONNECT turns 443 / tcp [turnserver.ubivent.com](https://turnserver.ubivent.com/)
- UDP 48100-48300 \*.[hosts.ubivent.net](https://hosts.ubivent.net/) / \*.[hosts-fra.ubivent.net](https://hosts-fra.ubivent.net/)

### abbreviations:

wss = secure websockets

turn / s = Traversal Using Relay NAT secure server

ice-dtls = Interactivity Connectivity Establishment using Datagram Transport Layer Security

srtp = Secure Real-time Transport Protocol