

## BRIDGING SITES WITH GREEN-GO

The Green-GO bridge products can be used to make communication possible between multiple sites. This can be different buildings in a campus or connecting sites all over the world. A Green-GO bridge not only creates a tunnel from site to site like a VPN but it also buffers the audio to accommodate for latency and jitter that is inherent to a routed connection.

By buffering the audio on the bridge the local Green-GO network can stay lip-sync and bridged connections are free from audio glitches.

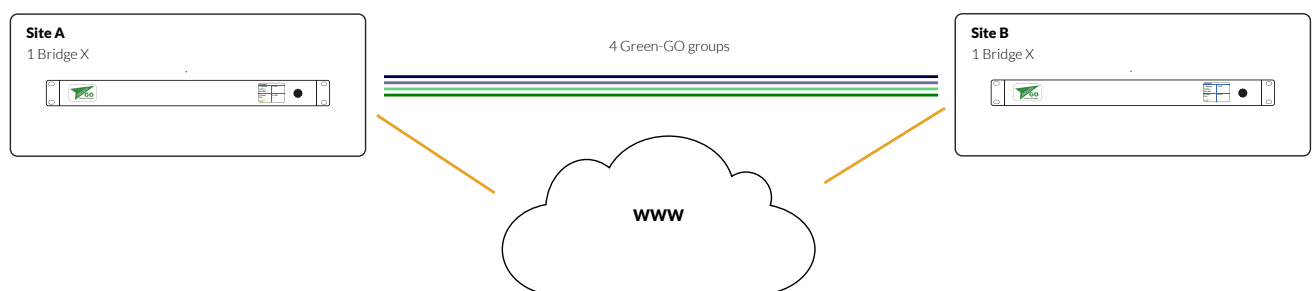
One **BridgeX has four ports** and can make 1 connection on each port. (An original Bridge has 2). Each connection of a bridge can be either in Group or User mode. Giving freedom to tailor connections to specific needs.

A **User connection** always connects a remote Green-GO device to a bridge port. The remote device then becomes member of the local Green-GO network and has all the features - 32 channels + special channels

A **Group connection** always connects between 2 bridges. bridging 1 Group of the local Green-GO network to the remote Green-GO network and vice versa. (Note that the groups don't need to be the same on both site's)

## Bridging Groups between 2 sites

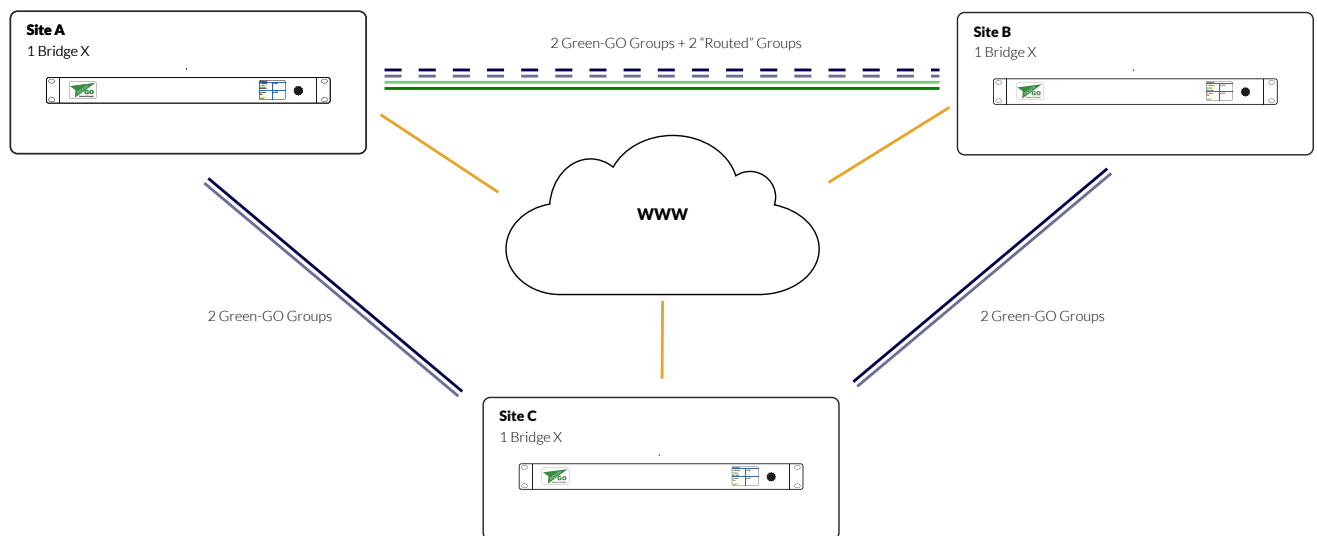
Having a BridgeX on 2 sites gives the possibility to bridge a total of 4 groups between 2 sites. If all ports of the bridge are utilized there are no more free connections that are available. adding a bridge on both sites will increase the number of available connections and can be extended virtually unlimited by adding bridges.



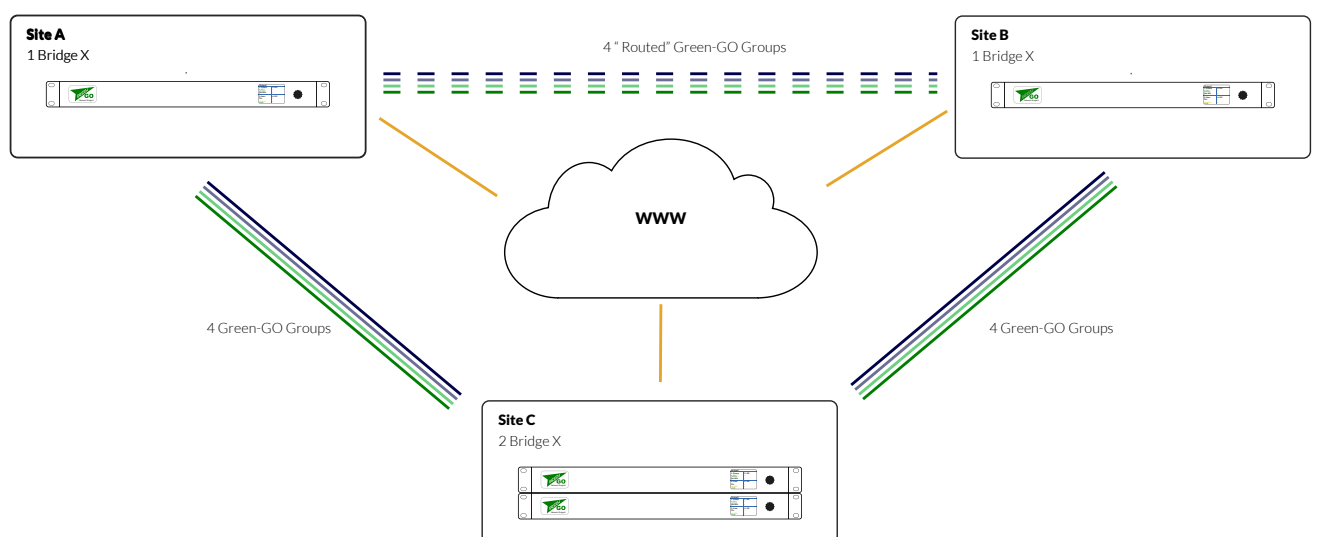
## Bridging Groups between 3 sites

Having a BridgeX on 3 sites gives the possibility to bridge 2 groups from site to site. Each bridge will use 2 connections to both other site's.

Groups that need to be shared between the 3 sites however only require 2 connections One between Site A and C and one between Site B and C. Site A and B then have a routed connection via site C. having a BridgeX on each site can share 2 extra groups between site A and B as these bridges have only 2 connections utilized.

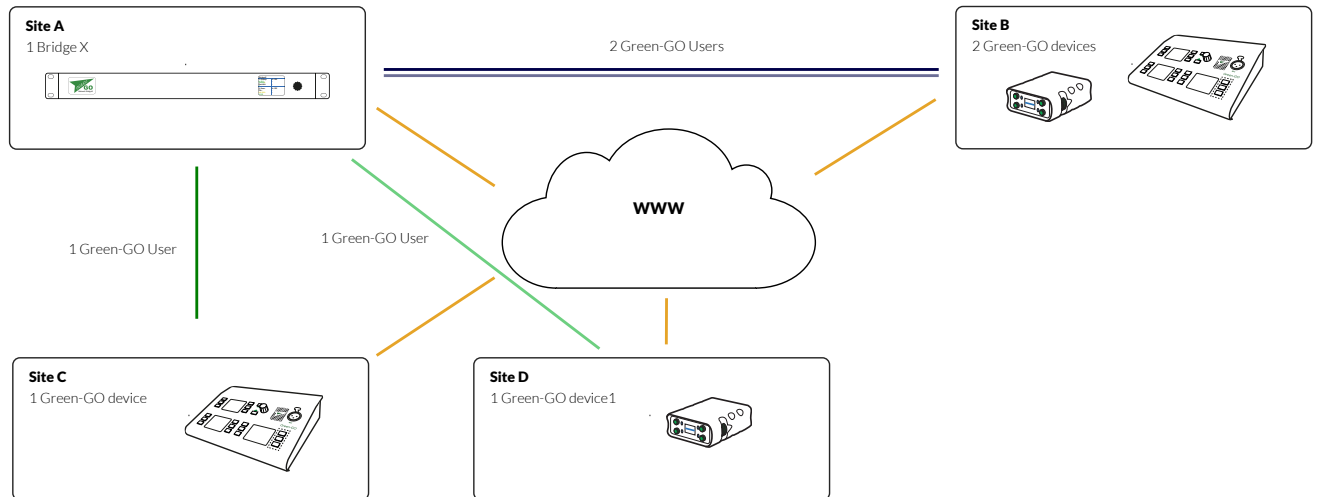


Adding an extra Bridge to Site C will even increase this effect by having 4 groups shared between the 3 sites by having only routed connections between site A and B.



## Bridging Users

Having a BridgeX allows up to 4 remote Green-GO devices to connect to the local Green-GO network. The remote devices can be on one remote site or sites scattered over the world.



## Bridging between multiple sites

It is possible to connect more sites all over the world by adding more remote devices or sites with a bridge to make any size of global intercom system possible. The only limiting factor is the amount of connections a single can make. But there is virtually no limitation in the amount of Bridge connections that can be made to create a multi site intercom system.

