

## Linking two ETH-GPI Links Together

This will explain the details from the first part of the video [“Sending GPI over Ethernet - and much more!”](#). Basically this setup will allow two ETH-GPI Links to be connected together for transporting GPIO over Ethernet. The configuration utilities the Device Cores:

- **UniSketch Raw Panel** - will work as a client
- **TCP Server** - will work as a server

ETH-GPI Link #1 (Client)	ETH-GPI Link #2 (Server)																																																
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Notice that the IP for the Device Core “UniSketch Raw Panel” matches the IP address of ETH-GPI Link #2

Connection can be confirmed in the Serial Monitor to the ETH-GPI Link #2 via the message  
 “.Connected to client.  
 UniSketch TCP Client has initialized”

## Tutorials

See a demonstration of the setup in action here: [https://github.com/SKAARHOJ/Support/raw/master/Manuals/Videos/ServerClientTutorials/ETH-GPI\\_Link\\_ServerClient.mov](https://github.com/SKAARHOJ/Support/raw/master/Manuals/Videos/ServerClientTutorials/ETH-GPI_Link_ServerClient.mov)

