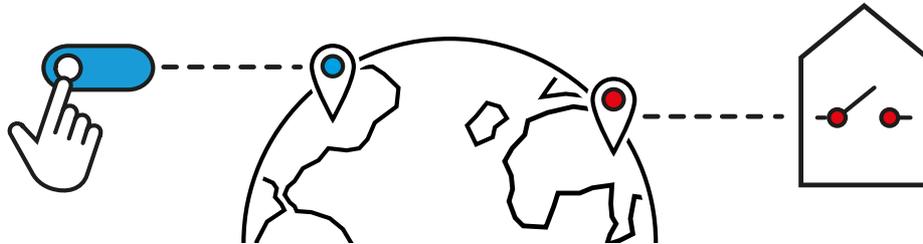


Topic:

Switching between locations

Tunnel IO signals "Box-to-Box" through the network



Switching signals are often not needed where they are generated. But unfortunately it is not so easy to carry switching signals across longer distances.

In addition to the wiring effort and possible electrical interference, lack of rights of way often plays a role as well. One simple and secure alternative is to send switching signals over the existing network. Our Web-IO products offers several ways to do this:

The Box-to-Box solution is ideal especially in local networks or over VPN connections. Two Web-IO boxes are configured such that the outputs on the one Web-IO automatically assume the switching states of the inputs on the other unit - in both directions if needed.

Also, using MQTT you can send switching signals across networks using (DSL-) router borders - generally without the need to configure the routers.

In addition, by storing specific corresponding actions you can merge Web-IOs centrally at various locations.

Go deeper

Web-IO Digital Box-to-Box

Send switching signals 1:1 over greater distances through a network

MQTT as switching tunnel

Send switching signals from A to B barrier-free using an MQTT broker.

Flexibly distribute switching signals

Arrange various inputs and outputs in any way with each other and send switching signals over the network.

Tutorials and application examples

Connecting Web-IO Digital to the network

- to a local network
- to a wireless LAN
- to the internet via DSL

Configuring Web-IOs for box-to-box mode

How it's done: Configuring the Box-to-Box master and Box-to-Box slave

Wiring inputs and outputs

A short introduction to wiring and connecting the Web-IO Digital models.

Products



Web-IO 4.0 Digital
2xIn, 2xOut

Power via PoE also when needed



Web-IO 4.0 Digital
12xIn, 12xOut

12x inputs,
12x outputs



Other Web-IOs

All W&T Web-IO Digital 24V



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