

Application note

OPTIMA remote access

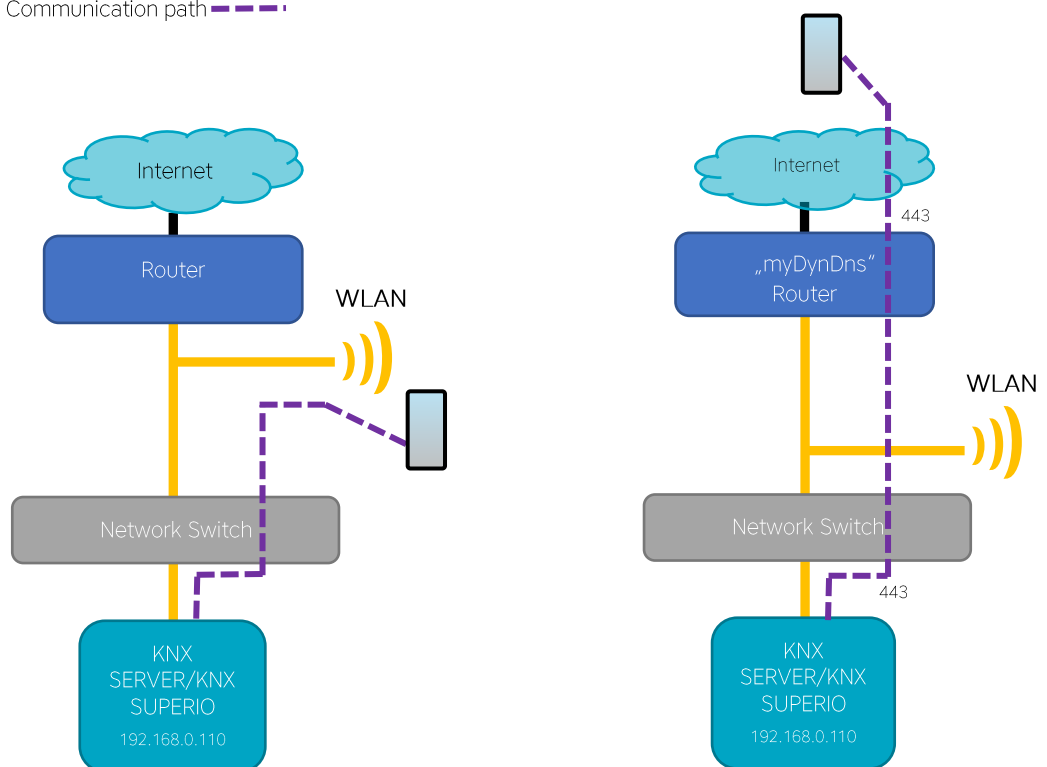
NETWORK CONFIGURATION



ATTENTION! For the further understanding the basic knowledge about DIVUS OPTIMA and KNX SERVER/KNX SUPERIO is required, therefore it is highly recommended to read the according documentation before reading this application note; the documentation can easily be found on our homepage www.divus.eu.

A simple network scheme follows showing the network structure of reference for this application note:

Communication path 



Local: No special network configuration; correct configuration of KNX SERVER/ KNX SUPERIO and OPTIMA App is of course expected.

Remote: Port-Forwarding is required inside the Internet router for correct communication; correct configuration of KNX SERVER/ KNX SUPERIO and OPTIMA App is of course expected.

To be able to use the remote mode you need a static external IP address or a DynDns service to access your system from outside.

To be able to connect to KNX SERVER/KNX SUPERIO from outside a port forwarding to port 443 on the IP address of KNX SERVER/KNX SUPERIO is required. This will be a secure connection over "https://". External you can use same port "443" or each other free port of your choice for the forwarding, for example: 443 → 443 on 192.168.0.110. Use the port defined in this port forwarding rule of your router in the remote port setting of the OPTIMA App and the external IP or host name of your router.

Additionally, on the KNX SERVER/KNX SUPERIO a certificate for secure access must be generated. For this access the administration area under "SETUP → NETWORK" enter the external IP address or host name of your router in the according field and save; detailed information can be found in the OPTIMA administration manual.

Finally you need a valid root certificate installed in your client device. Please refer to the [FAQ section on our homepage](#) 2.16 for all information and required downloads.