

This document does not include the complete instructions for the safe use of the described equipment. Make sure that you have read and understood the safety instructions in the user documentation for the described equipment before proceeding.

Anybus[®] Wireless Bridge II[™]

Configuration Examples

Ethernet network to existing WLAN



This example describes how to connect a machine with an internal Ethernet network to an existing WLAN.

This setup allows traffic on network layer 3, but not layer 2. This means that TCP/IP based protocols such as EtherNet/IP, Modbus TCP and BACnet can be used on the WLAN, but not protocols that use layer 2 traffic, such as PROFINET.

Configuration

1. Reset the Wireless Bridge to the factory default settings.
2. In **Network Settings**, configure the IP settings as required by the wireless network.
3. If the network uses DHCP, select **DHCP Relay Enabled**.

Internal DHCP Server

DHCP Relay Enabled

4. In **WLAN Settings**, click on **Scan for Networks**.
5. When the scan has completed, select the wireless network from the dropdown list.
6. If required, select the authentication mode and enter the passkey for the wireless network.



WLAN Bridge Mode must be set to Layer 3 IP forward (the default setting).

7. Click on **Save and Reboot**.

The Ethernet network should now be able to access the WLAN access point.