

This document is last updated on Feb. 28, 2017

Relay MCU license requirement

The keycode for Relay MCU must contain a tag "qualified_relay", which is represented as "Enable MCU Relay" in the license web site.

Meeting MCU license requirement to accept a JoinNet connection via a relay MCU

To accept a JoinNet connection via a relay MCU, the meeting MCU's keycode must contain a tag "accept_mcu_relay2", which is represented as "Accept MCU Relay" in the license web site.

How the connections are counted when Relay MCU is used?

- Each JoinNet directly connected to the meeting MCU is counted as 1 at the meeting MCU.
- Each JoinNet connected to the meeting MCU via a relay MCU is counted as 1 at the relay MCU.
- All JoinNets connected to the **same** meeting at the meeting MCU via the **same** relay MCU are counted as only 1 at the meeting MCU.

Suppose the meeting MCU A has a meeting. There are two relay MCUs R1 and R2. There are 100 JoinNets who join this meeting via R1; there are 200 JoinNets who join this meeting via R2; there are 50 JoinNets who join the meeting directly.

The meeting MCU A counts 52 connections.

The relay MCU R1 counts 100 connections.

The relay MCU R2 counts 200 connections.

The Relay MCU can save bandwidth consumption only on the data of down-link media(audio, video, and appdata) and slide downloading. For each media packet, only one copy is sent from the meeting MCU to the relay MCU and then the relay MCU forward the packet for those JoinNets behind it. For each slide downloading, the slide is firstly downloaded to the relay MCU while the JoinNets behind it download the slide from the relay MCU.