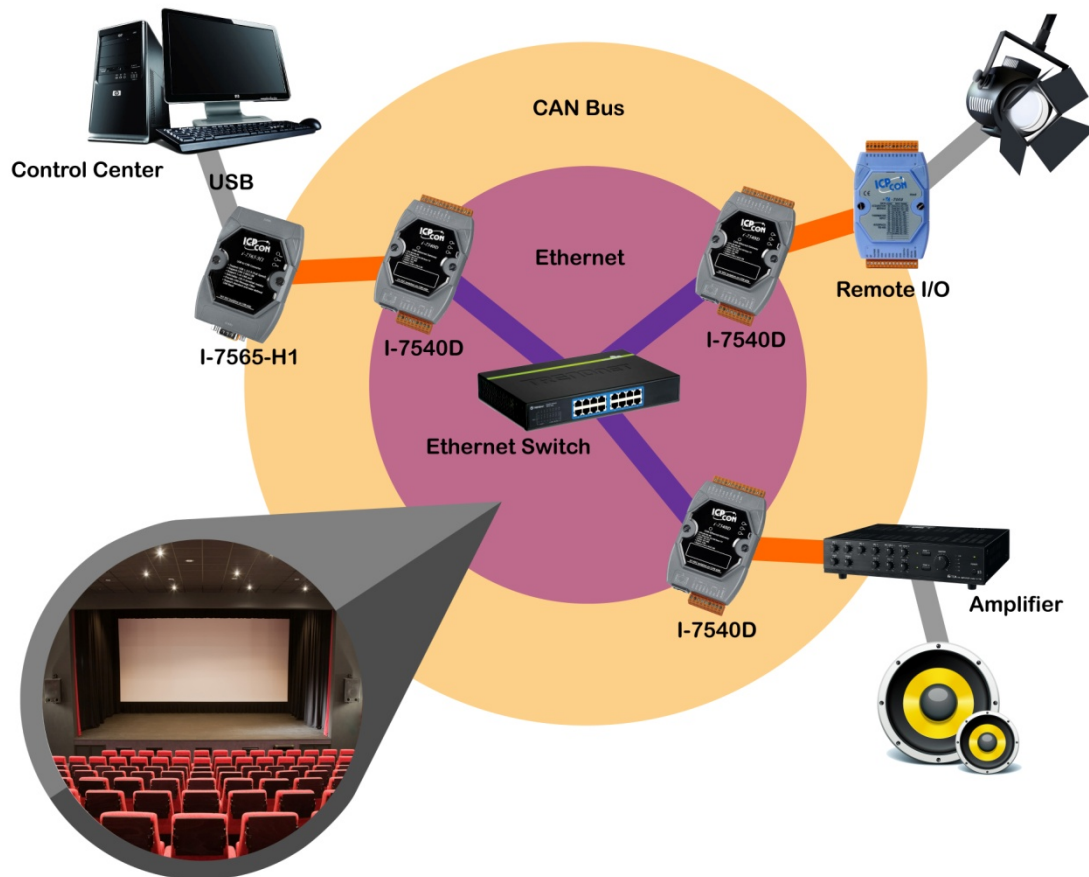


Modern Theater Control

In recent years, the CAN Bus not only is used in industrial field but also is used in the place of public entertainment. Thus, the related products such as light switch (remote IO devices), amplifier devices for control voice output, and so on are developed in order to be satisfied with widely markets.



The customer in control center would like control light status and amplifier output via CAN Bus in the movie theater, but the total distance of CAN Bus between control center and CAN devices is over 1 kilometer which is beyond CAN Bus standard. In order to solve the distance issue, he uses I-7540D for translating CAN messages into Ethernet packets to control terminal CAN devices. By using Ethernet method, the CAN devices no longer have a limitation of the CAN bus distance.