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AUTOMATISATION / CONTROL :



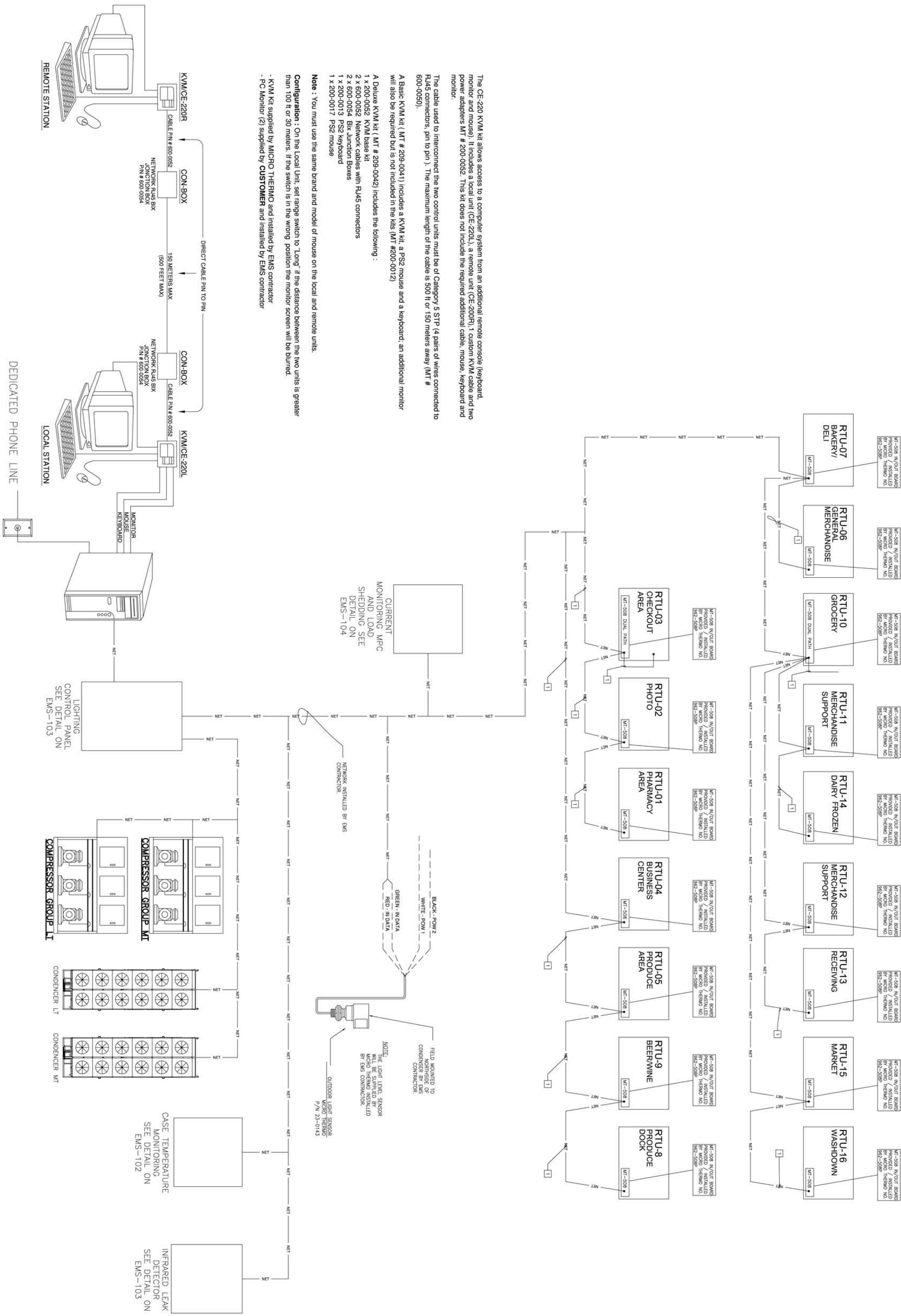
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NETWORK ARCHITECTURE



RECOMMENDED P-10 LON DATA WIRE : BELDEN 9471 SINGLE TWISTED PAIR, UNSHIELDED, 18 AWG.

FREE TOPOLOGY SIMPLE NETWORK (CHANNEL) CAN GO UP TO 500 METERS OF WIRING AND CONTAIN UP TO 63 NODES.

REPEATER (PART NUMBER : 125 NODES PER CHANNEL.) IS NEEDED TO INSTALL MORE THAN 63 NODES (MAXIMUM NUMBER OF 3 REPEATERS CAN BE USED PER CHANNEL.)

NETWORK TERMINATION IS REQUIRED ON EACH REPEATER SIDE.

MAXIMUM OF 3 REPEATERS CAN BE USED PER CHANNEL.

REPEATERS (PART NUMBER) IS NEEDED TO ADD A CHANNEL, AND INCREASE THE NUMBER OF ROUTERS (126 PER ROUTER).

NETWORK TERMINATION IS REQUIRED FOR EACH CHANNEL.

CHANNELS CANNOT BE CONNECTED TOGETHER.

CHANNELS CANNOT BE INSTALLED IN SERIES.

FOR MORE INFORMATION, CONSULT VOLUME 5 MT ALLIANCE PLATFORM / SYSTEM ARCHITECTURE GUIDELINES