

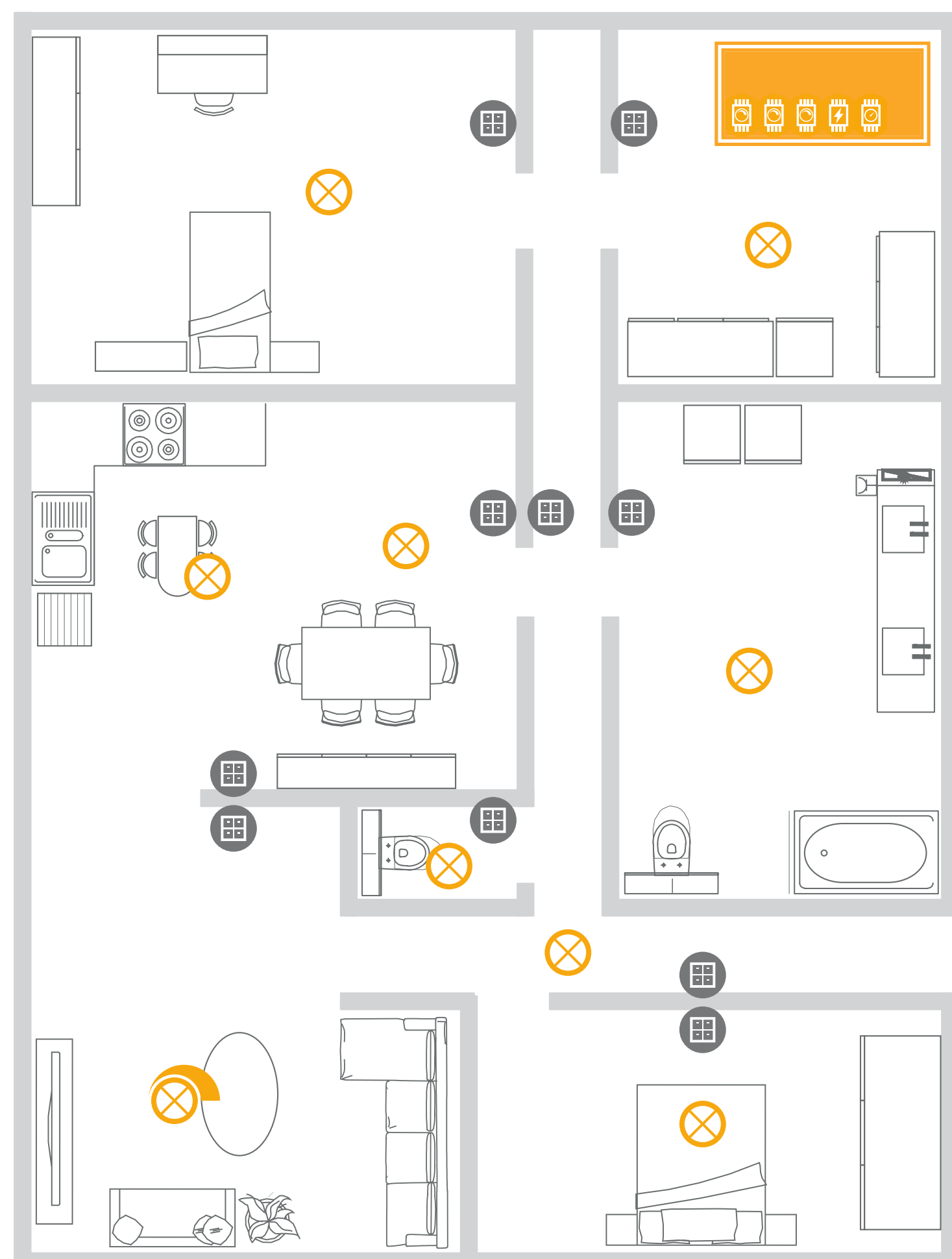


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Floor plan of an example apartment

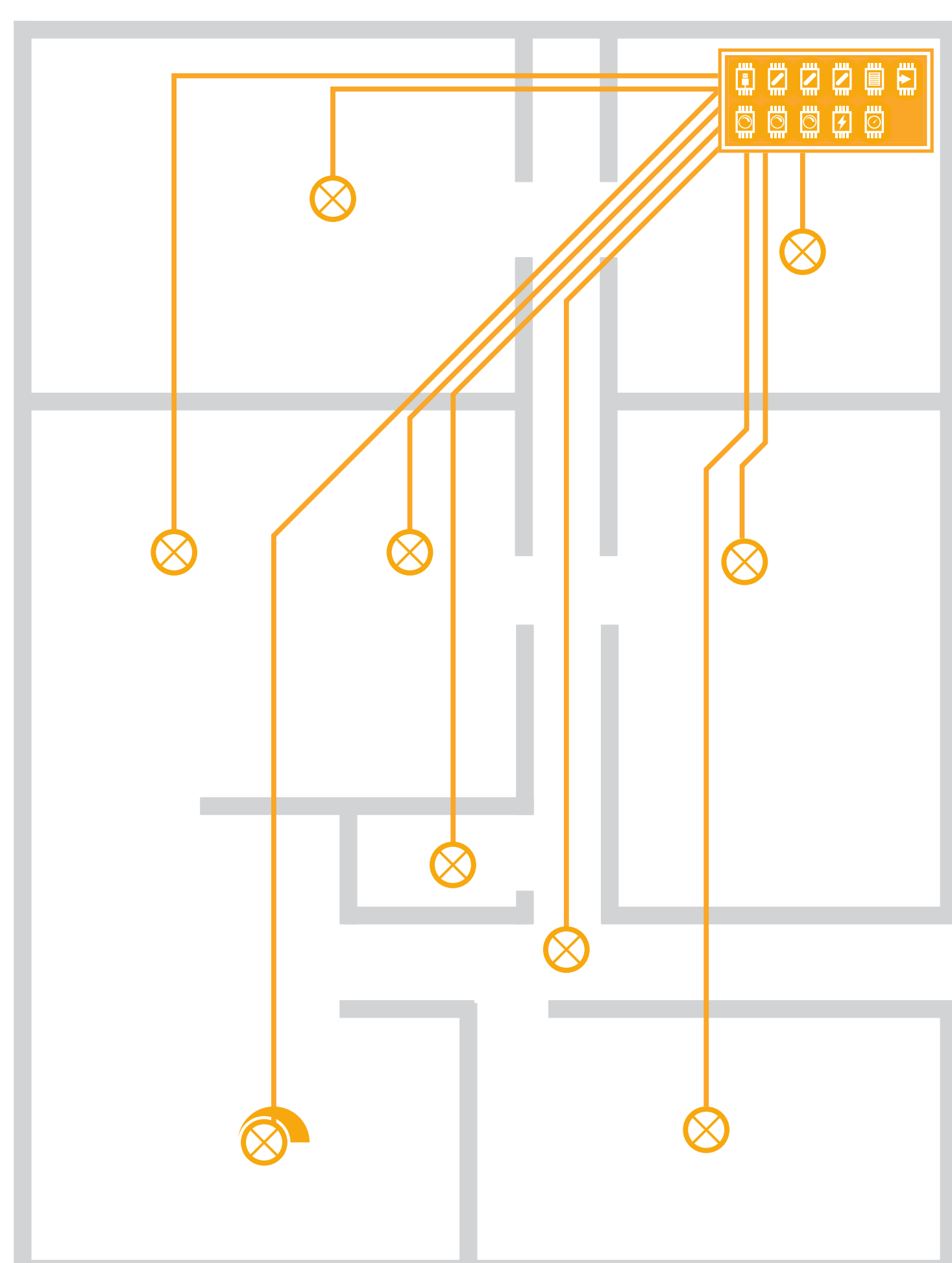
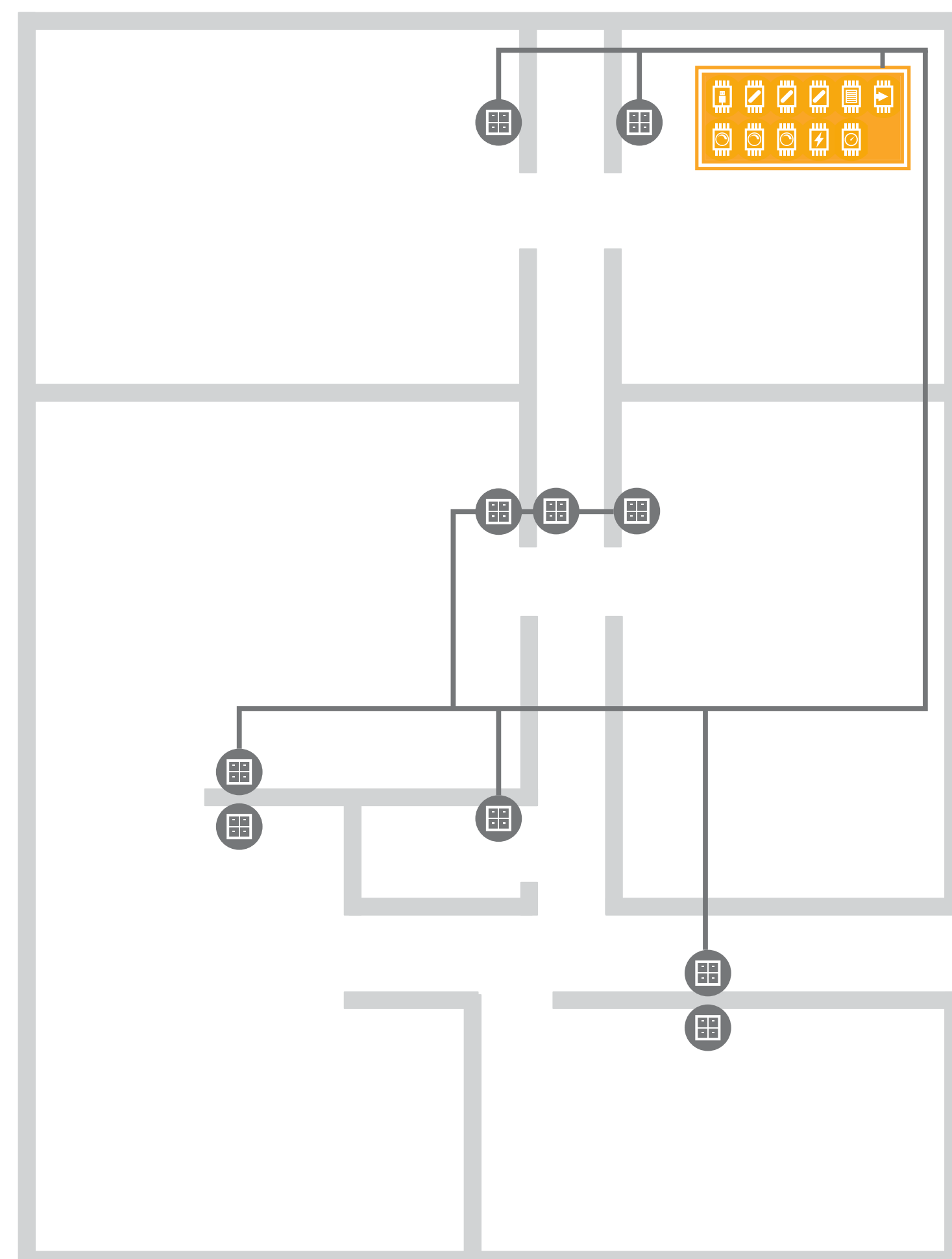
- Input modules, push buttons, glass panel control modules with thermostats, PIR Presence, Window & Door sensors etc installed throughout the property on one "CANbus" style cable
- Output modules (e.g. relays, dimmers, blind motor controllers) installed in the electrical cabinet
- Relay output modules control manifold actuators for zoned heating or cooling

Overview of apartment



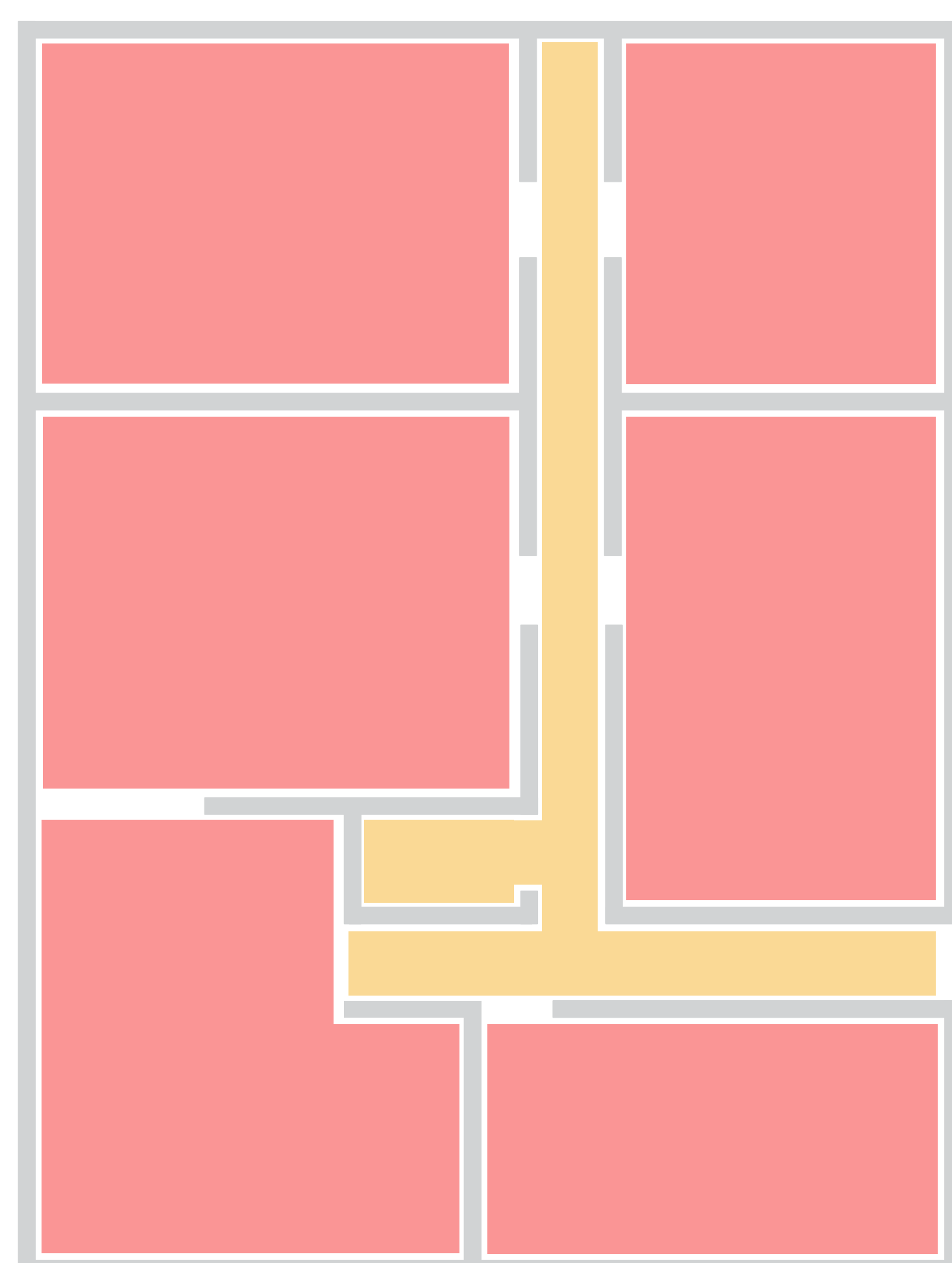
CANbus wiring

- A 4-wire (2-pair) extra low voltage cable connects all the Velbus modules



230 VAC wiring

- All power consuming devices (lights, blind motors) will be cabled directly to the electrical cabinet.



Heating / Cooling zones

- Every zone, independently controllable

Any Button, Any Thing

Each of these button sections can be configured for "anything" I.E. One button by an exit door could turn EVERYTHING off

EVERY panel is also a thermostat

Every Velbus glass panel can be activated as a thermostat For heat AND cooling

No hidden cable joints

Only continuous cables between locations
No wiring centres or jointing boxes
Less opportunities for errors



1-way, 2-way, even >10-way switching, is EASY

Multiple buttons can operate the same light, window, fountain, door release, heater etc.

Freedom to choose, now and later

Everything can be adapted to suit changing needs
This year, a room might be an office, but next year? Maybe a bedroom.
Changing a button to a 2-way takes about ONE MINUTE

Different trades, same technology

Less wiring for every trade, if they all use the same technology and BUS cable
Neater installations, using less cabling
Save time by not having to wait for another trade to finish
Share the work load
Same sensor data can be used multiple times by different trades

Similar costings* to a classic system

*When directly comparing functionality
Consider saving due to reduction in cable joints
Consider saving due to reduced cable sizes
Consider ease of termination and testing
Extra core features as standard
Expansion and modifications are easy