zencontrol

Blind control

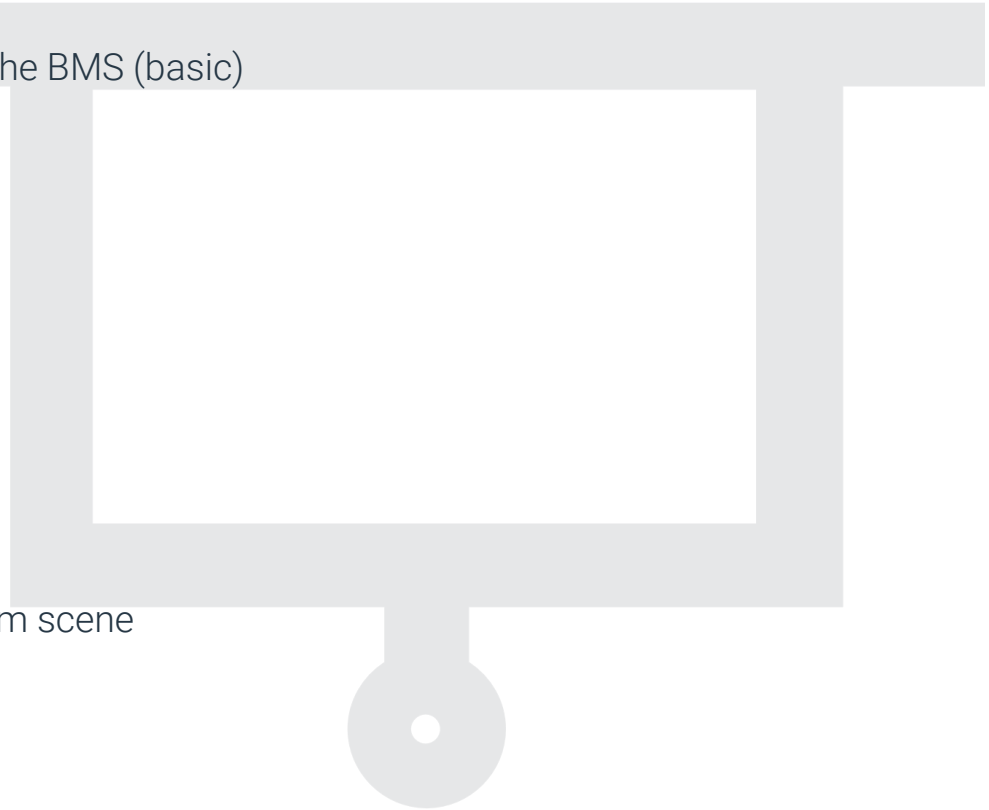
Smart **blind control** is a must in modern energy saving buildings

Blind control can be used for

- Roller blinds to reduce glare
- Roller blinds to reduce heat
- Black-out / privacy control
- Projector screens

Different uses for blind control

- Automatic / BMS
  - Blinds set to open / close at prescribed time, controlled by the BMS (basic)
- Automatic, with lighting control
  - Open / close behavior tied to the lighting / occupancy
- Audio visual control
  - Eg. AMX / Crestron - button press / scene
- Lighting control panel (LCP) or switch
  - Recall room scene - open / close behavior can be set in room scene
  - Switch press up / down for manual control / adjustment
- PC, individual user control



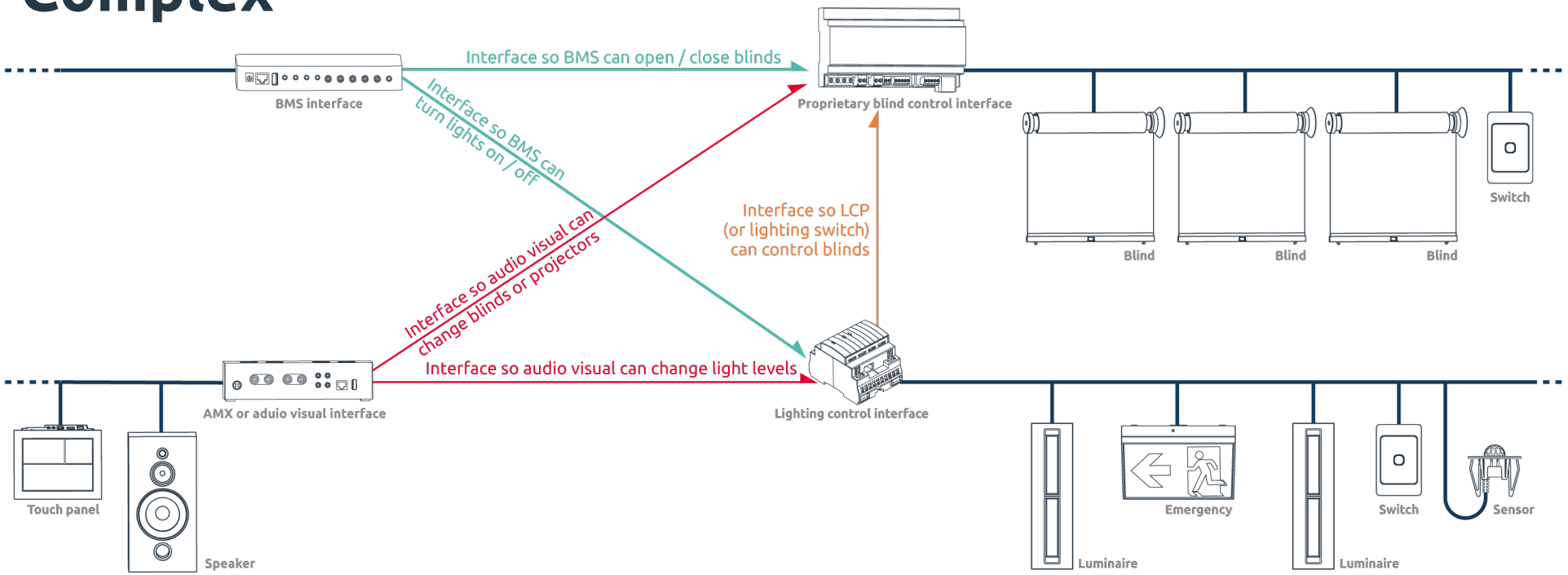
Industry problems

- Proprietary blind control requires dedicated interfaces
- Audio visual control need interfaces to both blinds and lighting to work
- Lighting control (LCPs) need an interface for blinds to work together

Problems cont.

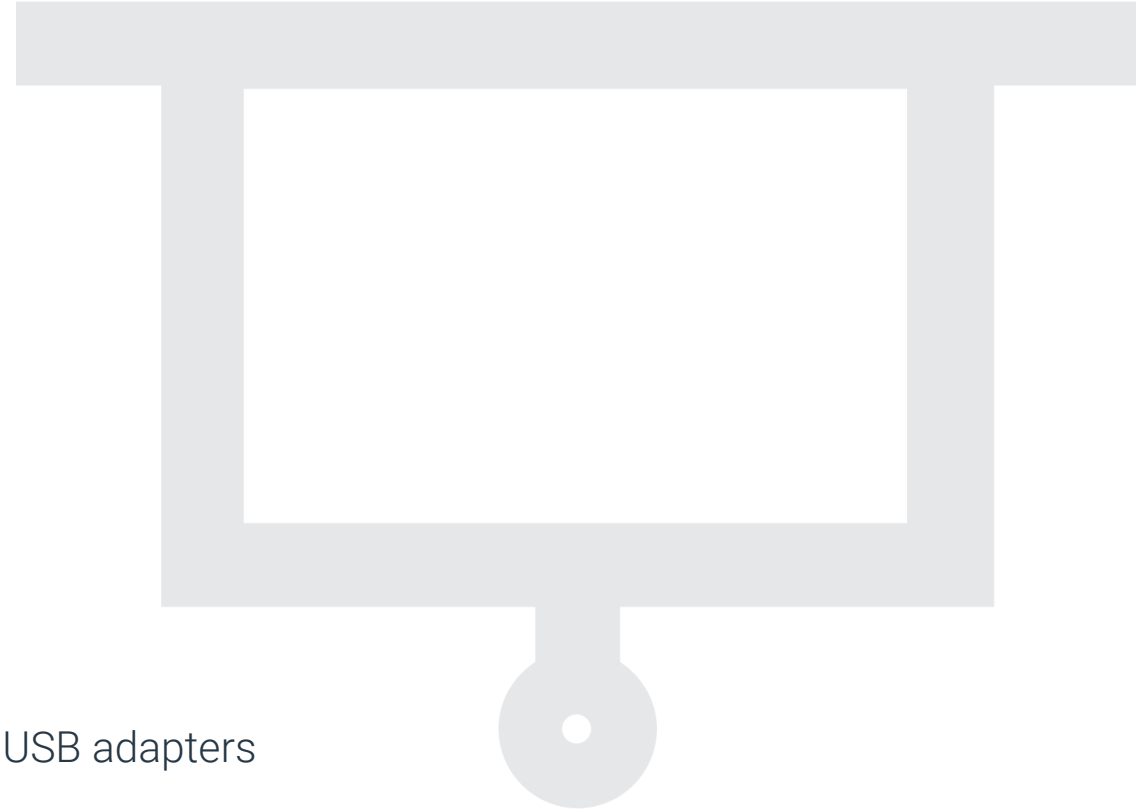
- For the best user experience, systems are complex and expensive to install as they require multiple interfaces
- Compromises lead to poor or limited control ie.
  - Lighting cannot control blinds
  - Different switches for lights / blinds

Complex

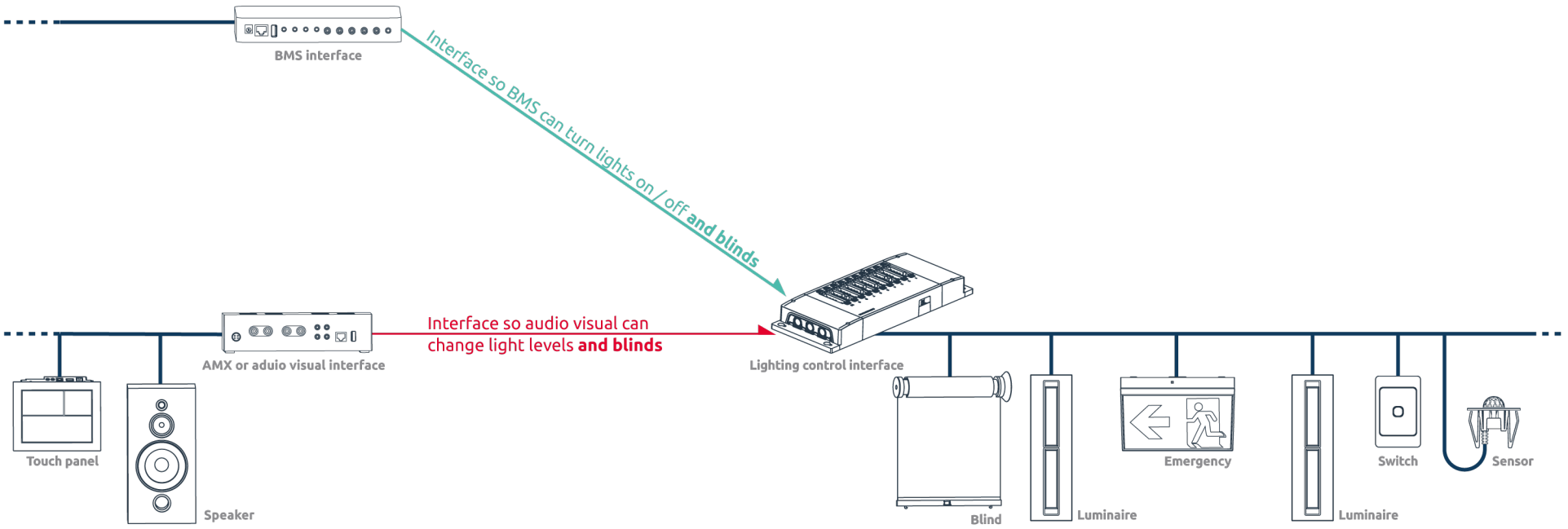

Interface so BMS can open / close blinds
Interface so BMS can turn lights on / off
Interface so audio visual can change blinds or projectors
Interface so audio visual can change light levels
Interface so LCP (or lighting switch) can control blinds
BMS interface
Proprietary blind control interface
AMX or aduio visual interface
Lighting control interface
Blind
Blind
Blind
Switch
Touch panel
Speaker
Luminaire
Emergency
Luminaire
Switch
Sensor

Native DALI blind control

- Allows simple LCP control
  - Scenes / control with lights
  - Up / down control via any switch, profile or sensor
- Easy interface to audio visual or BMS
  - BACnet
  - RS232
- Excellent energy control
  - Lighting / blinds on same system
- Lower cost, single system for blinds and lighting
- Easy per user PC control available via zencontrol USB adapters

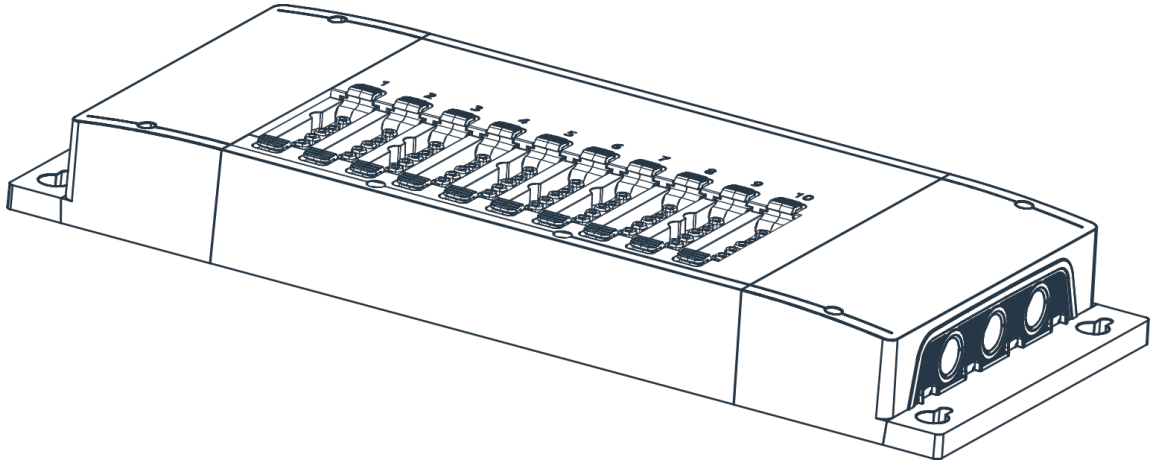


Simple



Less complex, less cost, simple to install

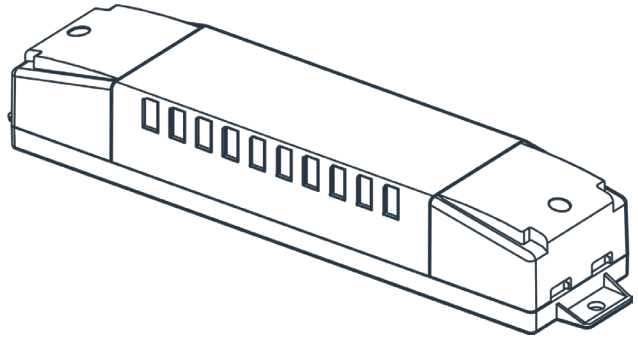
zencontrol products



zc-blind

4 Channel field mounted blind control

Setup for blinds out of the box



rm2-blind

Features automatic timings / load sensing

Highly accurate control