

## LIFT SYSTEM HEAVY WITH BOX ENCLOSURE

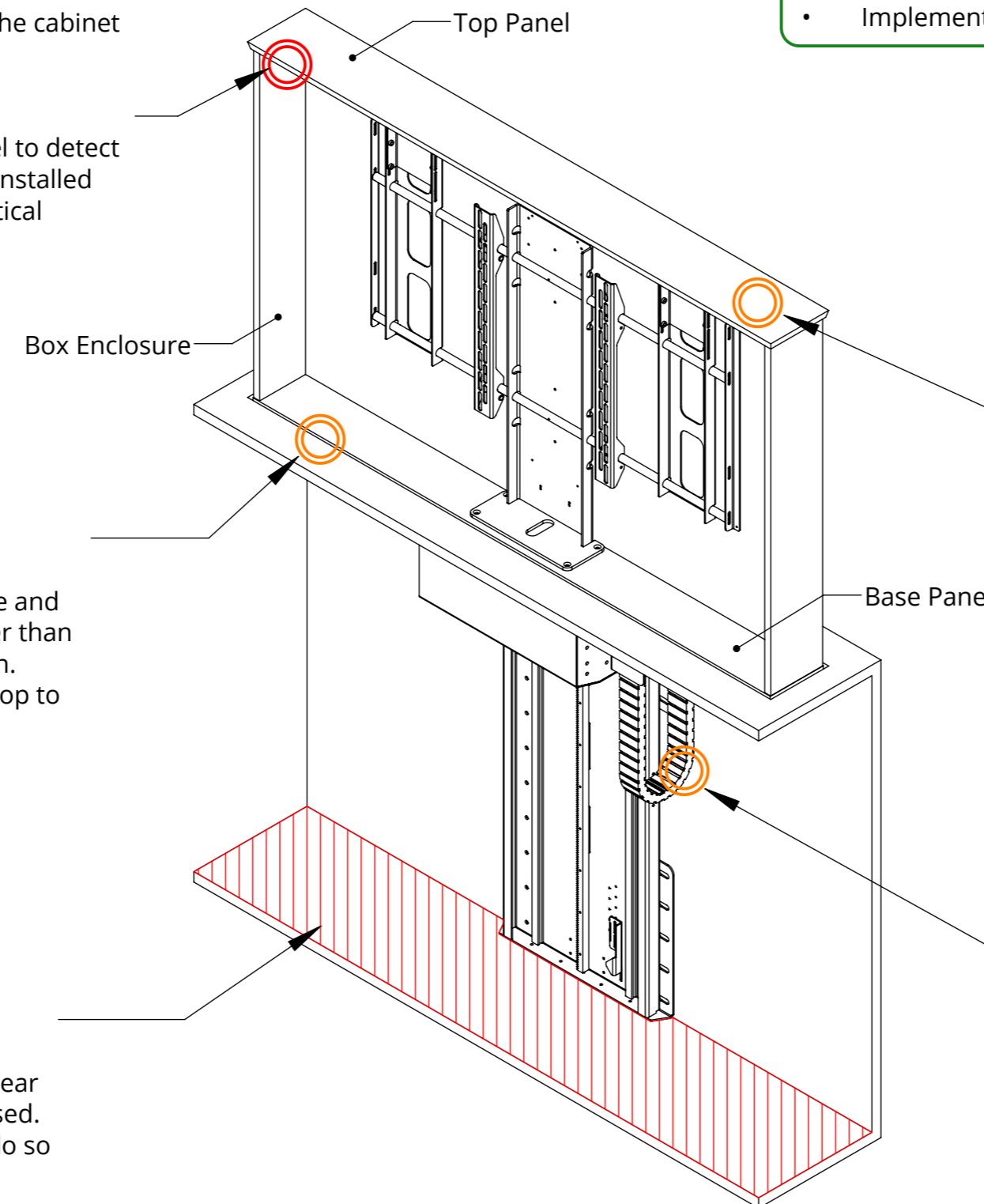
## INTEGRATION CONSIDERATIONS

**High Risk - Crushing**

Crush hazard between the base panel and the cabinet top as the lift closes.

**Mitigation**

Install a pressure switch below the top panel to detect any obstructions. A pressure switch can be installed between two timber panels to allow the vertical movement required for switching.

**Low Risk - Crushing**

Crush hazard at the cabinet aperture when mechanism is opening.

**Mitigation**

Keep the gaps between the cabinet aperture and the moving panels to a minimum (no smaller than 3mm [1/8"]) to reduce the risk of obstruction. Install a pressure switch below the cabinet top to detect any obstructions.

**High Risk - Crushing**

Crush hazard below the mechanism when mechanism is closing.

**Mitigation**

Ensure area below the mechanism is kept clear at all times when the mechanism is being used. If installing or maintaining the mechanism do so with the mechanism turned off.

**General Mitigations:**

- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

**Low Risk - Falling Objects**

Falling object hazard if objects are left on top of the top panel.

**Mitigation**

Install a light curtain in front and behind the mechanism to create an exclusion zone.

**Low Risk - Crushing**

Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.

**Mitigation**

Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/ or damage to the cables and/ or mechanism.