

## INTEGRATION CONSIDERATIONS



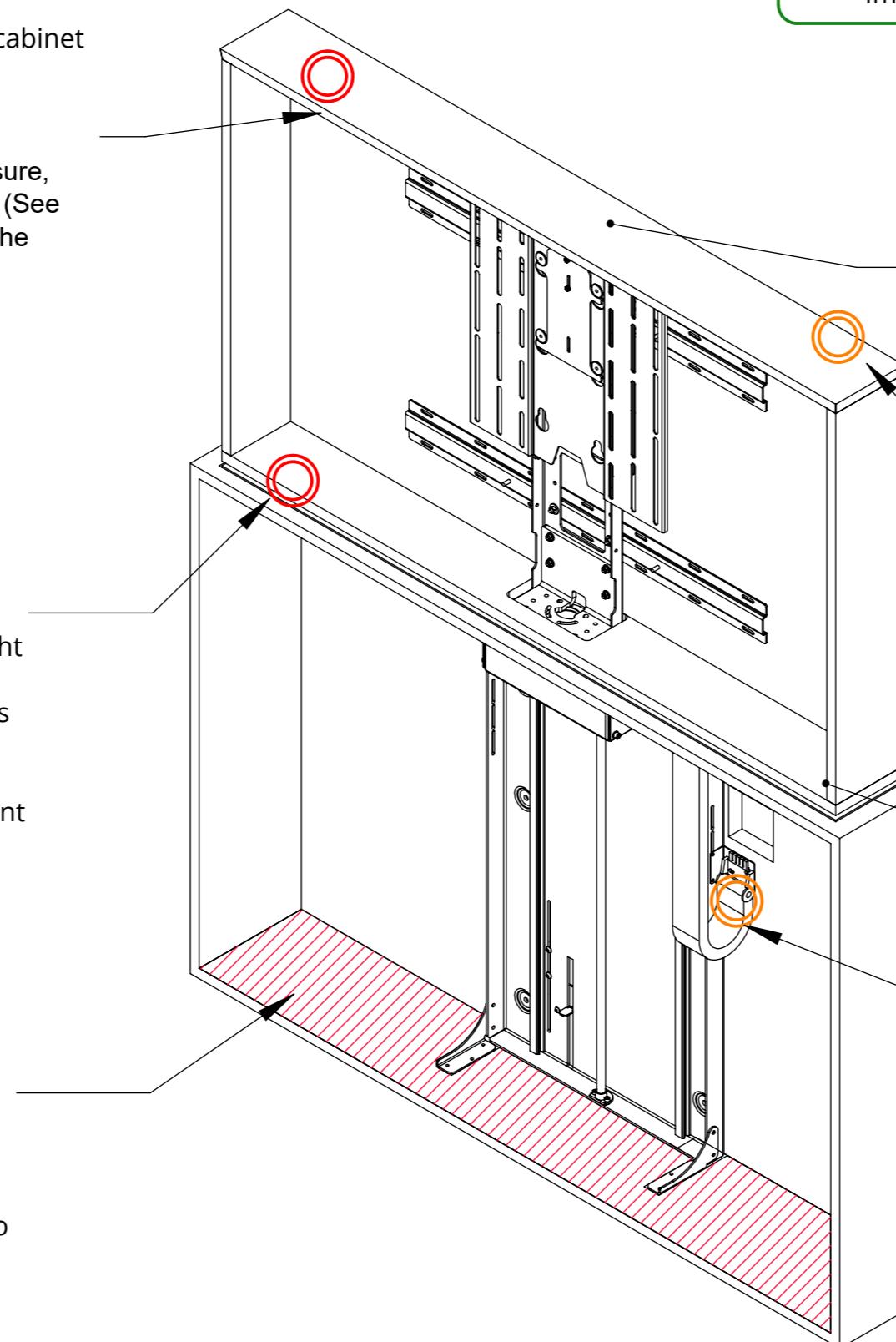
### High Risk - Crushing

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



### Mitigation

Ensure the top panel is not fixed to the box enclosure, instead attach it using the included safety bracket (See LSM instructions for correct setup procedure). In the event of an obstruction the lid will lift to clear it.



### 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.

Tapeswitch TS16S  
Sensing Edge

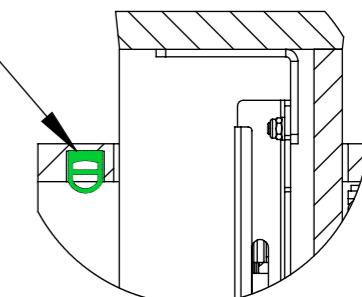


FIG A



### High Risk - Crushing

Crush hazard at the cabinet aperture when mechanism is opening.



### Mitigation

The implementation of a box enclosure with tight shadow gaps can help alleviate this risk. The cabinet top should be floating on locator dowels to allow vertical movement if an obstruction is caught between it and the base panel.

A tapeswitch is another useful method to prevent fingers getting crushed (see Fig A).



### Low Risk - Falling Objects

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



### Mitigation

See general mitigations.



### 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.