



# Custom Containment Checklist

A Seamless Transition To Triad Containment

Monitor. Integrate. Alert. Peace of Mind.

## Custom Made For Your Facility

Designed for durability, fit, and function, our solutions are custom designed and manufactured, and represent the ultimate value in containment for data centers.

## Extensive Experience

Our professionals are ready to help you design, fit, and install the containment solution best suited for your facility.

*At RLE, we know each facility's design and needs are different. We've curated a catalog of quality containment equipment and use these resources to design custom containment solutions that fit your needs as well as your budget.*

**Why source your raised access floors and containment needs from various companies when you can choose one solution best suited for your facility?**

We've compiled this guide to help you start the seamless transition from your outdated containment system to a custom Triad containment system.

## Hot Or Cold Aisle Configuration

- Where Is Cold Air Being Supplied From?
- Where Is Hot Return Air Being Ventilated To?
- Are There In-Row Cooling Units?
- Will Rigid Or Soft Containment Be Used?

Notes:

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## Containment Measurements Needed For Rigid Doors

- Aisle Width
  - » Distance from cabinet to cabinet or cabinet to wall.
  - » If one row of cabinets extends further than the other row of cabinets in an aisle, rigid walls can be used to extend the shorter row of cabinets to accommodate an end of aisle door.
- Cabinet Height
- Door Options
  - » **Swinging doors** have base plates that allow carts to be pushed through.
  - » **Sliding doors** can be upgraded with locks.
  - » **Single swinging doors** are ideal for cabinet to wall options.

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Measurements Needed For Rigid Panels Above Racks

- Total Aisle Length
  - » Distance from floor to ceiling along with the distance from the top of cabinets to the ceiling
- Aisle Width
- Height Of All Cabinets / In-Row Cooling Units / UPS Systems In Row
  - » Are there variances in height down the row? If so, leveling kits can be used to create even rows.
  - » Check for obstructions such as cable trays, lights, sprinkler pipes, cables etc., above racks, or beams or posts in the aisle.
  - » Will these obstructions need to pass through the containment, be moved, or have the containment go around?

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Measurements Needed For Rigid Panels Above Racks

- Exact Aisle Width And Length
- Is The Height Of The Cabinets Consistent Down The Entire Row?
- Is The Front Of The Cabinet Along The Aisle Consistent Down The Entire Row?
- Does Any Cabinet Protrude Into Or Recess From The Aisle?
- Any Obstructions That May Block Installation Of Ceiling Trays?

Notes:

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Soft Containment Measurements (Curtains)

Typically soft containment curtains are called thermal walls and are hung above cabinets in hot or cold aisles. Strip doors are typically used for entrance into the aisle and are called thermal doors.

- Ceiling Type
  - » Is the ceiling a standard drop 1" grid or 2" grid acoustical ceiling, cement, or other?
- Exact Aisle Width And Length
- Dimensions Of Cabinets. Height, Width And Depth
- Distance From Floor To Ceiling
  - » Distance from top of cabinets to ceiling

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