

AIS Matrix

Technical Information

Panel Frames & Tiles

- Frames are a single, full-frame welded unit, instead of vertical or horizontal units that must be assembled to create a panel frame. Fewer parts per panel than any other frame and tile system.
- Frames available in 34", 42", 50", 58", 66", and 82" heights.
- Stack-on frames available in 8", 16", and 24" increments.
- Frames and stack on frames stack up to 130", and structural component supporting up to 114".
- Steel frames made of 14 gauge, cold-rolled steel.
- All panel trim is powder coated painted steel, aluminum extrusion, or die cast metal alloys. No plastic trim on the panel.
- Entire panel frame is UL Rated as a raceway.
- Fabric acoustical tiles include height options up 66", and all fabric tiles 24" or taller come with clips to prevent tile bowing.
- Tile options include: Tackable Acoustical Fabric, Woodgrain or Laminate, Wood Veneer, Embossed Steel, Solid Steel, Perforated Steel, Whiteboard, Tempered Glass or Acrylic, Dual Power Data or combination, Quad Power Data or combination, Tool Rail, and Open Pass Through.
- Tiles are mounted to frames with no hardware required, and no additional parts other than the tile itself.
- Panel frames and tiles can be assembled with the use of only a screw driver, and Allen wrench.
- ADA door panel options available.

Electrical / Data Management:

- Panels do not have a fixed raceway at the base of panel. Power and data must be capable of being placed anywhere on the panel in at a minimum of 8" increments.
- Entire panel frame is UL Rated as a raceway.
- 8 wire, 4 circuit electrical system standard, with 2x2 capability.
- 82" h panels must be capable of handling a maximum capacity of 600 pair category 5 cables.
- Power can be placed anywhere on the panel in 8" increments, up to a height of 98".
- Electrical includes the option to pass from a powered panel thru a non-powered panel into a powered panel with a pass-through jumper extender.
- External access to power and data includes a dual or quad combination in a single tile.
- Power ways can be removed in the field without having to disassemble the panel.

General

- Matrix is on GSA Schedule, and meets all the ANSI/BIFMA, fire testing, and other criteria contained therein to be on GSA schedule.
- Acoustical tiles must have a minimum NRC rating of 0.70.
- Tile options include a high performance STC rating of 25.
- Panel must have unimpeded lay-in top channel wire management for up to 80 pair category

- 5 cables.
- Wire management channels allow for a 2" minimum bend radius.
- Product comes with Lifetime Warranty for manufacturer's defects.
- 10 day quick-ship option, with a minimum of 125 standard fabrics, 30 standard laminates, and 9 paint options on quick ship program. Quick ship available for orders up to 200 workstations. Maximum lead time may not exceed 4 weeks, or 20 working days for any cataloged Matrix product line.