

CUSTOMER SUCCESS STORY

Legrand Cabinets & Containment | www.legrand.us

LEADING SOCIAL MEDIA COMPANY

OPPORTUNITY

With an application that is as cabling intensive as discussed below, two areas requiring special attention are cable management and cable entry/egress. The solution the client's prior vendor offered required onsite modification as the cable density increased. When modifications were not possible, unorganized cabling and inefficient device deployments were commonplace. The client needed to support over 100 cables per side (AEC, DAC, Fiber, etc.) and configure the cabinet to support this volume of cables without spreading the devices across multiple cabinets. In future applications, connections between cabinets would be even more extensive.

APPROACH

Within the cabinet configuration, to support the volume of cable, we assessed vertical, horizontal, and traverse cable supports and pass-throughs. Our Field Sales Engineering team generated a 3D CAD model of the initial solution, allowing the client to overlay their equipment and make measurements. Legrand has an extensive portfolio of solutions, and by leveraging our expertise, the team made additional changes with the client to develop a solution. Our design included features that allowed the client to route their cabling efficiently and offered the ability to expand this cable volume as necessary through full-depth cable managers. We focused on where the cables were bundled, the size of the openings and wire managers, and the pathways for cables to be routed from cabinet to cabinet or from front to rear.

RESULT

The client awarded Legrand the opportunity to create a bespoke offering to replace their existing cabinets with a more reliable and solution-oriented product. This switch reduced installation time, leading to expedited project completion, notably from the enhancements that were made to the cabinet design. Utilizing this bespoke solution gave the client a more efficient and reliable product that met their current and future needs and provided a basis from which they could make additional enhancements.

