

Fully Integrated Rack Solutions

Designing, Building, And Customizing Your Ideal Rack Solution Down To The Smallest Detail

A rack solution is much more than shelving -- fit, form and function all make a difference. It should be designed and built for plug-and-play installation while also providing long-term efficiencies and performance benefits. The best integrated racks consider requirements for network connectivity, physical and cyber security, optimized spacing and cooling, and other necessities. Even the smallest details matter to attain the greatest value.

MBX Systems has been designing, configuring and building integrated rack solutions of all sizes for decades. We have deployed racks that meet specific data-center dimensions, as well as accommodating cooling and enclosure requirements. We spec solutions for servers, storage, battery backup, switches, routers, and all types of passive and active gear. Our engineers also address your needs for remote access to the active racked gear or for limiting physical accessibility in the field.

MBX handles all the details, inside and out. We can wrap racks with customized branding skins and add your company's logo. We can label and color-code cabling to reduce time-to-troubleshoot, saving your customers time and money. And we will consider your sustainability goals with regard to packaging and enclosures.

Visibility and quality assurance is built into every product and process involved with rack integration projects. Our Forge manufacturing infrastructure harvests your unique data needs and automates configuration, testing, and verification. Forge also provides multiple quality-control checkpoints to ensure consistent performance – from firmware to connectivity. Our industry-first toolset, MBX Hatch™, provides you with bill of materials visibility down to the SKU level, including product lifecycle data, warranty information and country of origin

Our Rack Solution Expertise

A focus on the details.

Expertise to meet any requirement such as network connectivity, cable bundling, remote access, physical and cyber security, cooling (in-row, in-rack, liquid), performance, mounted gear, environmental sustainability, and more

Every rack aspect considered, including size, physical location and environmental factors such as thermal dynamics and noise, compatibility with other gear or racks, battery backup capacity, and stabilization needs for rugged or portable use

Plug-and-play installation rooted in purposeful assembly, including labelled and/or color-coded cabling, tidy bundling of cables, and packaging that ensures smooth logistics such as tilt and shock sensors

Branding solutions to help you stand out, with product logos, wraps and specialty packaging

MBX Does Rack Integration Right, Every Time

A Thorough Rack Process From Specification To Installation

- › Comprehensive approach: From initial consult to the specification process to final bill of materials and shipping, our team ensures the rack solution meets all of your needs
- › Provisions for any level of customization: Dedicated MBX engineers address specialized configurations such as dimensional restrictions, earthquake or mobility stabilization factors, acoustic or thermal considerations, and branding goals
- › Logistical quality assurance by considering how and where the rack will ship globally, specs for the right physical supports, and packaging testing for full weight simulation to ensure out-of-the-box functionality
- › Optional white glove installation by knowledgeable field services reps

Purpose-Designed, Tested, And Built Solutions For Performance And Value

- › Long-standing engineering relationships throughout the supply chain ensure high-quality systems designed with components selected for longevity
- › Integrated solutions are comprehensively tested before shipping to ensure they will operate properly right out of the box
- › Systems can be customized to meet challenging physical conditions without compromise

Into The Rack Product Lifecycle With Hatch

- › Gain a single point of control and transparency for rack system deployments
- › View individual components for detailed data on product lifecycle, country of origin and equipment environmental controls, and much more
- › Facilitate accurate on-site scheduling and inventory planning for timely order fulfillment

AHEAD

Accelerate Your Impact

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