



Rack Integration Services

Receive your enterprise systems racked and ready for integration into your infrastructure

Leading edge technologies bring implementation challenges that can be reduced or eliminated with our Rack Integration Services.

We have the experience and expertise to engineer, integrate, configure, deploy and install custom rack technology into any data center or edge environment.

Our proven integration methodology will take you step by step from a plan to a ready-to-use solution:

- End-to-end project management
- Solution and rack layout engineering
- Physical integration and configuration
- Logistics and installation

Having the ability to receive products racked and configured from our facility, ready to roll into place, saves time and resources.

Reduce or eliminate new data center technology implementation challenges

Correct integration is the key to success:

We ensure:

- Power
- Cooling
- Cable layout & coding
- Component stacking
- BIOS and firmware configuration
- Network configuration is to your spec on all of your racks with our ISO quality facilities and process

Project Management

Once your order is placed, a Project Manager (PM) will be assigned as your single point of contact for the entire integration process. Your PM will:

- Track logistics of the products ordered from the factory to a Dell merge center
- Manage and communicate with you during the build process
- Coordinate delivery logistic schedules with your receiving team or with our onsite field engineers, if you choose to have us install your fully integration rack system
- When the work is complete, the PM will get your sign off and close the project
- Your PM is accountable for your complete satisfaction

Solution and rack layout engineering

Every rack with enterprise system technology is different and complications emerge when you are implementing shared architecture computing platforms. Consider that a single rack of chassis can include 96 cores, 8 network connections and put out 60C or more on an ongoing basis. Our Dell engineers are trained to anticipate and solve for potential undocumented mistakes.

Physical integration and configuration

A sophisticated solution built on your data center computing products requires an exceptional level of integration that befits both the complexity of the solution and its importance to you. Our validation process can ensure:

- Chassis are configured per build spec to the component level
- Rack components are installed per rack layout, including PDUs and fans
- Power and network cables are properly connected and the cables are cleanly routed (color coded, labeled, uniformity, bend radius, aesthetics)
- BIOS revision is consistent at the level you request and any custom settings applied
- Firmware is consistent (for example on HDDs, HBAs, etc.) and any custom settings applied
- Interconnects are tested and configured (for example IP addresses, flow control, etc.)
- O/S image is loaded
- Physical component testing and rack stress testing, if purchased
- Assets are tagged
- The rack layout and asset report are provided to you

Logistics and installation

- Your completed rack solution will be safely packaged and shipped via a Dell-approved carrier and moved into its final position in your data center.
- Final set-up and configuration can be purchased from Dell or completed by your staff.



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