

Your Dell VxRail™ Hardware Has More Life in It



The software stack sitting on top of it doesn't have to define when you replace it.

Dell VxRail™ was built as an integrated system: hardware and software lifecycle managed together. That worked when VMware® licensing was predictable, and hardware refresh cycles were planned. Since VxRail 7.0 reached end-of-life in September 2025 and the Broadcom® licensing changes are pushing renewal costs into unplanned territory, that tight coupling has become a liability. Dell's own recommended upgrade path (Dell® Private Cloud) requires purchasing new servers, turning a software problem into a capital expenditure. *There's a path that doesn't require new hardware.*

Replace the Software Stack. Keep the Servers.

The **SC//HyperCore™** Virtualization Suite runs directly on your existing Dell VxRail nodes. The underlying servers that power VxRail 14th, 15th, and 16th-generation appliances are certified and supported to run SC//HyperCore software today.

Where the VxRail appliance ties your lifecycle to Dell's software roadmap, SC//HyperCore decouples them. Your physical nodes run until you decide they're done; not until a software EOL notice forces the conversation.

A Single Subscription Replaces Multiple Cost Lines.

The SC//HyperCore subscription covers compute, storage, virtualization, high availability, and data protection into a single predictable line item — replacing the layered VMware and VxRail software costs you're managing today. No renewal surprises. No per-feature add-ons as your environment grows.

See how this applies to your specific VxRail configuration.

[Request a quote](#) from **Scale Computing™** today.

What replaces the VxRail software stack:

Single management plane: no VxRail Manager, no vCenter equivalent to maintain. SC//HyperCore manages your cluster through one browser-based interface running on the cluster itself, with no dedicated management VM to license or lose.

- **Autonomous self-healing:** The Autonomous Infrastructure Management Engine™ (AIME™) in SC//HyperCore continuously monitors and automatically remediates hardware failures, software errors, and performance events without requiring IT intervention.
- **Unified Storage:** The Scale Computing Reliable Independent Block Engine™ (SCRIBE™) storage engine pools all node storage into a single logical unit managed automatically. No datastores, no LUNs, no storage policies to configure or maintain.
- **Full-stack updates in a single action:** No multi-step patching across separate hypervisor, storage, and management components.

Migrating from VxRail™ to SC//HyperCore™ Virtualization Suite

Migrating from a VMware environment to SC//HyperCore™ follows a well-established path, with one VxRail™ appliance-specific consideration: you may be reimaging the same physical infrastructure your workloads currently run on. That means your migration plan needs to account for where VMs live during the transition.

Two Proven Transition Approaches

Staged Migration (Recommended Where Capacity Allows)

A subset of VxRail nodes can be reimaged first to form an initial SC//HyperCore cluster. Workloads are migrated onto that cluster, freeing the remaining nodes to be reimaged and joined to the cluster. This approach keeps the transition self-contained within your existing infrastructure, minimizes external dependencies, and allows workloads to move in controlled phases rather than in a single maintenance window.

Backup and Restore

Where available cluster capacity doesn't support a staged approach, workloads are backed up to external storage prior to reimaging. Organizations already using Veeam® can leverage their existing Veeam backup infrastructure as the staging point; back up, reimage all nodes, form the SC//HyperCore cluster, then restore directly from Veeam using the agentless SC//HyperCore integration. Once all nodes are running SC//HyperCore software and the cluster is formed, workloads are restored. This is straightforward but requires a validated external backup infrastructure and a defined maintenance window for the full cutover.

Migration Tools

SC//Migrate™ migration solution: Agentless migration purpose-built for VMware exits. SC//Migrate automatically discovers, converts, and provisions VMs onto SC//HyperCore with minimal manual configuration and supports the simultaneous bulk migration of large VM inventories.

SC//Move™ migration solution: Continuous, real-time replication-based migration for complex environments or workloads with strict uptime requirements. SC//Move maintains a live synchronized replica of source workloads on SC//HyperCore and enables final cutover in minutes. Best suited for workloads where even brief downtime is not an option.

VMDK Import: Individual VM disk images can be imported directly into SC//HyperCore. Note that the source VM must be powered off during import, making this a last-resort option for individual workloads rather than a primary migration strategy.

Who Performs the Reimaging?

Reimaging VxRail nodes to run SC//HyperCore software requires a trained and certified resource. There are two options:

- Authorized Imaging Partner (AIP) — Scale Computing's formal program for channel partners trained and certified to perform field imaging of customer nodes. Your Scale Computing partner can confirm AIP status or connect you with a certified partner in your region.
- SC//HyperCore Imaging Service (QIMAGE) — Available as a purchasable service, this option allows nodes to be reimaged without requiring an Authorized Imaging Partner.

Frequently Asked Questions

SC//HyperCore™ Virtualization Suite on Dell VxRail™ Hardware

Hardware Compatibility

Q: Which VxRail generations and models are supported today?

A: Many of the VxRail 14th, 15th, and 16th-generation appliances are certified and supported. These map directly to the underlying Dell® PowerEdge™ server models certified for SC//HyperCore software. Contact Scale Computing to confirm your specific node configuration against the current compatibility list.

Q: Do I need to purchase any new hardware?

A: In most cases, no. The goal of running SC//HyperCore software on VxRail hardware is specifically to avoid a hardware refresh. Your existing nodes, storage drives, network interfaces, and rack infrastructure remain in place. If a specific component in your configuration falls outside the supported hardware list, Scale Computing will work with you to assess options.

Q: Is there a minimum cluster size?

A: SC//HyperCore clusters can be deployed starting from a single node, which is useful for staging migrations. Production deployments typically run three or more nodes to enable full high availability. Scale Computing can help you determine the right starting configuration for your workload requirements.

Migration

Q: Is migrating from VxRail different from a standard VMware® migration?

A: The workload migration process is the same. The difference is that in a VxRail scenario, you may be reimaging the same physical nodes on which your VMs currently run. This requires a plan for where workloads live during the transition: either a staged approach using a subset of nodes as a temporary SC//HyperCore cluster, or an external backup-and-restore approach. Scale Computing will help you determine the right path based on your available capacity and tolerance for downtime.

Q: Can I migrate in phases rather than all at once?

A: Yes, and phased migration is often the recommended approach. A subset of nodes can be reimaged to form an initial SC//HyperCore cluster, workloads can be migrated onto it in priority order, and the remaining nodes can then be reimaged and added to the cluster incrementally. This approach reduces risk and allows your team to validate the environment before committing all workloads.

Q: Can I import my existing VM disk images directly?

A: Yes, VMDK files can be imported directly into the SC//HyperCore user interface for migration.

Q: How long does a typical migration take?

A: Migration timelines vary based on the number of VMs, total data volume, available network bandwidth, and the approach chosen. SC//Migrate™ and SC//Move™ migration solutions both significantly minimize final cutover windows. Scale Computing can provide a migration-planning engagement to help scope your specific environment.

Q: Who performs the node reimaging?

A: Reimaging requires either a Scale Computing Authorized Imaging Partner (a channel partner certified to perform field imaging) or Scale Computing's remote reimaging service (QIMAGE), which can be purchased as a SKU and does not require an on-site technician. Your Scale Computing representative can help you determine which option is right for your situation.

Frequently Asked Questions *(cont'd)*

Software and Licensing

Q: What does my SC//HyperCore™ subscription include?

A: The SC//HyperCore subscription covers compute virtualization, the SCRIBE storage engine, built-in high availability, automated self-healing, data protection (snapshots and replication), and the unified management platform; all in a single line item. There are no separate licenses for storage, HA, or core platform features.

Q: What happens to my existing VMware licenses?

A: Once your environment is running on SC//HyperCore software, your VMware licenses are no longer needed. If you are mid-term on a VMware subscription, consult with your VMware or Broadcom representative regarding your options.

Q: What happens to my VxRail™ software support contract with Dell?

A: VxRail-specific software support from Dell will no longer apply after the nodes are reimaged with SC//HyperCore software. Scale Computing support covers the full SC//HyperCore platform stack. For support for the underlying Dell hardware, consult Dell directly regarding warranty coverage for nodes no longer running VxRail software.

Q: Is SC//HyperCore™ locked to Scale Computing-branded hardware going forward?

A: No. SC//HyperCore software runs on a broad range of certified x86 hardware, including Dell®, HPE®, Lenovo®, and Supermicro® platforms. Running on your existing VxRail hardware today does not lock you into any specific hardware vendor for future expansion.

Q: Can I mix and match my VxRail-based nodes alongside other Scale Computing node types?

A: Yes! SC//HyperCore allows for flexibility when mixing and matching node types. Considerations for mixing/matching are included in the Hardware Combination Best Practices section of the [SC//HyperCore support matrix](#).

Operations and Support

Q: Can my existing Windows® and Linux® VMs run on SC//HyperCore without modification?

A: Yes. SC//HyperCore supports Windows and Linux VMs.

Q: What about my existing backup solution?

A: SC//HyperCore includes built-in snapshot and replication capabilities. It also integrates with Veeam via an agentless plug-in if you prefer to retain your existing backup tooling, as well as other industry-leading backup providers.

Q: How does Scale Computing support work compared to my current support model?

A: Scale Computing provides 24x7x365 support that covers the complete SC//HyperCore software stack, including virtualization, storage, and platform management.

Q: What if my hardware isn't on the supported list?

A: Scale Computing actively expands its hardware compatibility list in response to customer demand. If a specific component in your VxRail configuration isn't currently supported, Scale Computing will evaluate it against the compatibility program. Contact your Scale Computing representative to initiate a hardware assessment for your specific configuration.

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