VM Squared
data sheet

SOFTIRON + CO
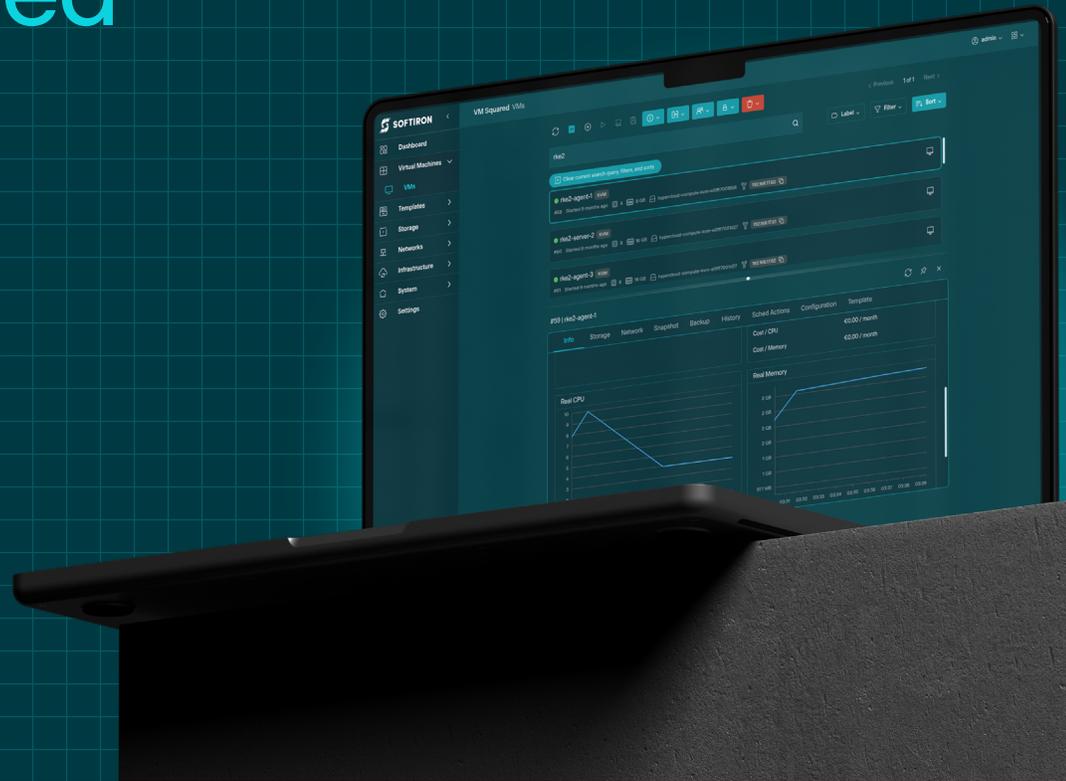

VM Squared is a modern, holistic server virtualization platform. Every VMware vSphere function can be completely replaced by VM Squared, while additionally optimizing resource utilization and reducing management complexity. VM Squared also provides a direct pathway to achieving a true private cloud.

VM Squared is not burdened by decades-old code or disconnected, bolt-on products. VM Squared can run in environments starting with just a single server and expanding out to large virtualization clusters. All aspects of the infrastructure are managed as a unified, hyperconverged whole, enabling resources to be seamlessly scaled out.

VM Squared is innovative. All resources are software-defined, migratable, self-organizing, and self-healing. External dependencies are minimized, and automatic configuration, connection, and correction features elevate traditional networking to mitigate day-one pain and maximize ease of use.

VM Squared is easy. Ease of consumption is achieved by abstracting away the unnecessary complexities typically faced by organizations working within privately hosted virtualization software. This delivers the experience of managing a public cloud within a true private cloud, dramatically reducing the cost and operational burden of managing infrastructure.

VM Squared is righteous; it is an honest product with fixed and fair costs with no hidden charges. SoftIron has simple licensing and an honest go-to-market approach. This enables SoftIron to build sustainable relationships with customers that strengthen both our products and the organizations that use them.

VM Squared is efficient, requiring less time to manage, and fewer resources to run. A single unified dashboard minimizes operational effort, and VM Squared's scale-out architecture subscription ratios ensure easier, deeper resource allocation. There is no need for expensive and extensive hardware provisioning to address older protocol conduits and gateways. VM Squared's software-defined approach enables flexibility, supporting incremental changes to a cluster. Automatic optimization and error correction create a foundation for optimal performance, maintaining high availability even during life cycle events.

VM Squared expands to a true private cloud at scale via a straightforward migration path to HyperCloud, SoftIron's cloud platform. HyperCloud operates and is consumed like a public cloud, but at a fixed price, on your terms, on your own turf.

PRODUCT COMPONENTS

License Entitlement - CPU	Per CPU Core
License Entitlement - Storage	Per TiB

PRODUCT FEATURES

Feature	
Server virtualization	✓
VM-aware storage	✓
API and policy-driven storage capabilities	✓
Support for 4K native storage	✓
Single reboot	✓
Quick boot	✓
Live migration of workloads	✓
Protect VM and data	✓
FIPS 140-2 compliance	✓
Ensure system uptime	✓
Share data center resources	✓
Endpoint security	✓
Per-VM CPU compatibility	✓
Instant clone	✓
Proactive high availability	✓
VM-level encryption	✓
Integrated containers (via Amplifier – Rancher / K3S)	✓
Centralized network management	✓
Load balancing (via Amplifier)	✓
Prioritize resources to virtual machines	✓
Rapid deployment and provisioning	✓
Accelerated graphics for virtual machines	✓
Health monitoring and performance management	✓
Capacity optimization	✓
Intelligent workload placement and rebalance	✓
Self-learning and predictive analytics	✓
Compliance through security hardening	✓

SOFTIRON

SoftIron makes the products that underpin the next evolution of IT – true private cloud.

Using one technology to provide industry replacement for infrastructure with VM Squared and allowing you to evolve that infrastructure into a true private cloud experience on your premises with HyperCloud.

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