



SOFTWARE-DEFINED STORAGE SOLUTION BRIEF

Itrica Hyper-converged System for Small-to-medium Enterprises

A scalable, highly available appliance that combines simple management and robust data services.

Itrica Solution Benefits

- Scalability with EMC ScaleIO**
 Open, standards-based architecture integrates seamlessly with your existing technology investments, and scales as your needs change.
- Hyper-convergence**
 Itrica and EMC united to provide offerings converge storage and compute resources into a single-layer architecture on commodity hardware and comprehensive services. Solution flexibility allows integration of VMware, KVM and Hyper-V with private cloud management and orchestration.
- Simple To Manage**
 Benefit from a single, global point of accountability for the industry's most complete set of SDS services.
- Performance**
 Aggregated I/O made available to any application in the cluster, performance scaling linearly and cost/performance rates improve with growth.
- An excellent value**
 Together, these tested solutions and services we offer, can reduce your total cost of ownership by more than 60 percent over their lifecycle.

Modern virtual datacenters have revolutionized enterprise IT, making just about every aspect more efficient and cost effective. Application deployment, software delivery, service level, resource allocation, maintenance, and management have all become simpler, more reliable and cost effective—enabling enterprises to make better use of their IT budgets and create efficiencies like never before.

One central element of the datacenter continually lags behind, and that is storage. Data storage is at the heart of the virtual infrastructure. Without an effective storage strategy, all of this progress seems incomplete. An ideal datacenter must allow both storage and compute to be scalable and flexible and manifest enterprise-grade availability, resilience, reliability, and adaptability. The solution must have low TCO and a stable cost/performance ratio in order to realize the ROI improvement that is expected of modern datacenters. To achieve this level of quality and cost, you need to think out of the box.

With Itrica's software-defined storage, powered by EMC ScaleIO, the power of EMC's proven storage technology can be realized on validated commodity hardware from industry leaders. The technology features linear scalability of capacity and performance, unmatched elasticity in resource allocation, adaptability to different types of hardware and software, complete resilience, simple.

Hyper-converged Solution

With pre-configured servers in 1-2U form factors for compact compute and storage density, we significantly reduce your footprint and power consumption. Itrica's hyper-converged platform, configured with SSD or spindle drives; serves your application needs in a smaller footprint than traditional rack servers. The pre-installed, pre-configured, all-inclusive feature set, including network speeds up to 56Gbps, combined with private cloud management and orchestration capabilities make this a go-to solution with the flexibility to serve a wide variety of use cases. EMC's ScaleIO platform provides storage enhancements including QoS, snapshots, thin provisioning and replication.

About Itrica

Itrica manages IT infrastructure for some of the largest global brands. We have the resources and expertise to deliver time-tested services that enable more predictable and consistent results. With strong ties to EMC, we continue to improve assets and tools to help deliver turnkey and managed services more efficiently.