



DEDICATED TO YOUR CRITICAL COMPUTING

Critical Computing

*KeyInfo™ Creates a Solid Foundation
for Your Business*

OVERVIEW

What does Critical Computing mean to you? At KeyInfo™ it means everything. From highly available compute platforms, to geographically dispersed compute farms, and everything that keeps them up and running, Key Information Systems specializes in providing the solid foundation you want to build your business on. Here are just a few of the ways that Key Information Systems can keep your critical computing from going critical mass.

ABOUT KEYINFO



Key Information Systems, Inc. is a leading regional systems integrator with world-class compute, storage and networking solutions, and professional services for advanced software-defined data centers.

These competencies are tightly complemented by a full suite of data center capabilities including private and hybrid cloud offerings, connectivity services, colocation facilities and managed services.

ENTERPRISE CLASS SYSTEMS

An Enterprise Class System isn't a thing, it is a technology eco-system where being the best isn't good enough, it is simply the start. Key Information Systems specializes in the design and implementation of these high-performance, highly resilient environments for our clients. From localized high-availability environments, to geographically dispersed clusters, or somewhere in between, KeyInfo has the expertise and experience to design a solution that meets the demands of your business.

CONVERGED INFRASTRUCTURES

CLEANER

Converged infrastructures let you reduce the number of cables and upstream ports, streamlining your datacenter. The resulting simpler setup makes for a cleaner datacenter that's easier to manage and maintain.

MANAGEABILITY

Physical devices (servers, storage, networking) won't manage themselves, but converged infrastructures from Key Information Systems provide a management platform that delivers enhanced automation and orchestration.

LOWER OPERATING COSTS

The shared power sources and cooling functions in our converged infrastructures use energy more efficiently. Dense data storage and physical compactness also help reduce your monthly operating costs. Bottom line: these systems can save you money.

DECREASED COMPLEXITY

Take advantage of pre-integrated hardware and software bundles developed by your chosen vendor when you chose to integrate one of our converged infrastructure platforms.

CLOUD ENABLEMENT

A converged infrastructure enables your organization to develop a private cloud for data storage and collaboration. This can also help prepare your organization to expand to a hybrid cloud, in order to handle elastic needs, or even adopt a public cloud model.

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VIRTUALIZED COMPUTE FARMS

PHYSICAL FOOTPRINT

Gone are the days of a lone server running a single application. Virtualization lets hundreds of virtual servers live within a single rack of physical hardware, enabling future buildouts in the same footprint.

PORTABILITY

Virtual servers are basically small collections of files that are not hardware-dependent. Therefore, they can easily be moved from one datacenter host to another, or even across data centers for disaster recovery. Likewise, your virtual servers can easily be moved intact to a hybrid or public cloud when necessary.

POOLED RESOURCES

Virtualization enables you to share resources such as CPU, memory, network, and storage. This leads to better utilization of staff and assets, as well as effective management and automation capabilities.

QUICK SERVER PROVISIONING

Virtualization lets you spin up new servers in minutes, not days or weeks. With templates at the ready, you can spin up new servers with ease to meet agility demands as your requirements grow.

EASY DEV / QA

With the ability to easily clone/snapshot environments, virtualization provides an ideal environment in which to conduct Dev/QA testing.

HIGH PERFORMANCE COMPUTING

COMPUTE-TO-PHYSICAL-SPACE RATIOS

A high core count, coupled with a small system footprint, offers significant increases in compute density.

COST PER COMPUTE CYCLE

By utilizing proven, commodity components and keeping options and features to a minimum, overall costs are kept low, compared with traditional rack-mount server systems.

SPECIALIZED PROCESSOR SUPPORT

GPU processors — originally designed to generate high-speed 3D graphics renderings for computer displays — increase HPC compute density and performance. You get accelerated throughput and efficiency.

BUSINESS VALUE

HPC provides your business with the detailed trending information that you need. The ability to process large amounts of data can be resourced to practical uses, including business analytics and other mission-critical requirements.

PARTNERSHIPS:

IBM, HP, Cisco, Lenovo, Netapp, VMware, etc

SERVICES:

- > **Quarterly reviews and health checks**
- > Tailored skills and knowledge transfer
- > Comprehensive operational documentation
- > Project management
- > **Architectural Design** services
- > Servers, Storage, Desktops, Networks
- > Consolidated platform design and implementation
- > System impact planning and strategy
- > Phase-based implementation and integration