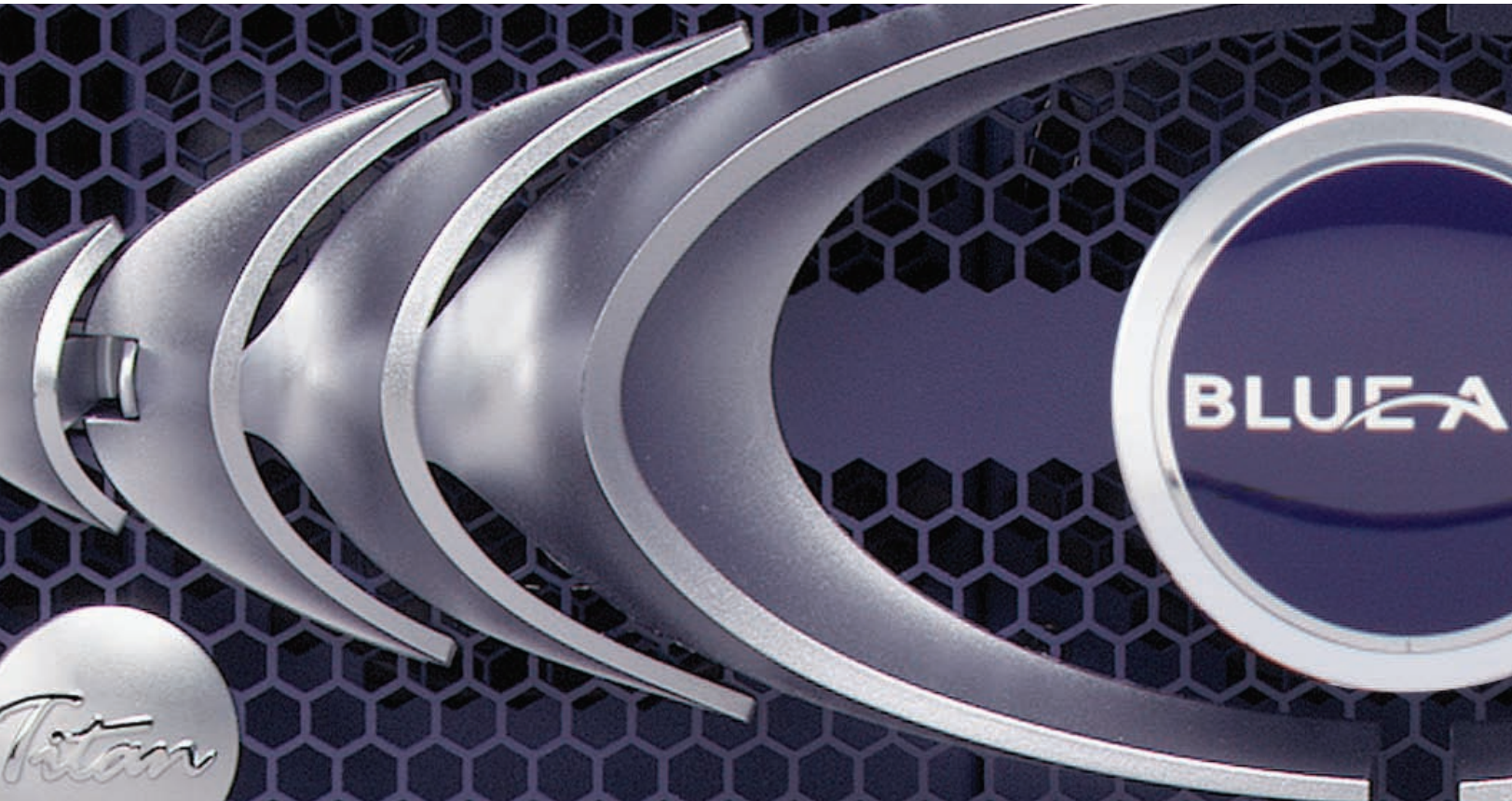
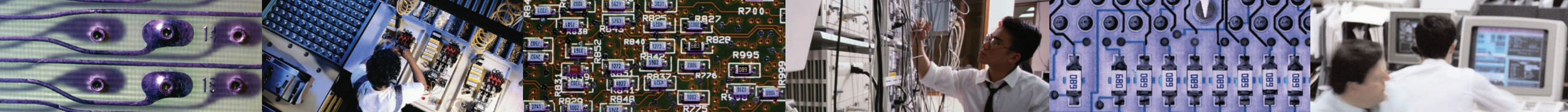




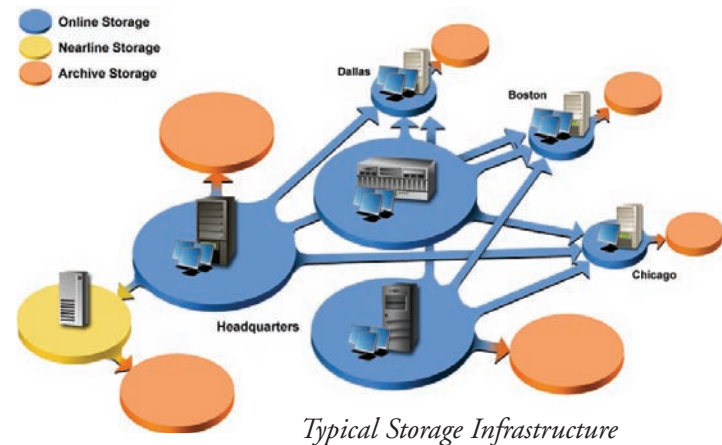
BLUE ARC[®]
Changing the Economics of Network Storage

SiliconStack Technology





An Evolution in Network Storage



ISLANDS OF STORAGE

In the traditional enterprise environment, information is typically spread across multiple "islands" of storage within the corporate network. Reliable access to this information is critical, yet as storage needs rapidly change and expand, this model creates an increasing number of disparate islands of data that yield poor performance as well as costly scalability and manageability.

As data scales, automated and intelligent management of that data becomes paramount. BlueArc's SiliconStack Technology, as part of the Silicon Information Network, eliminates the proliferation of data islands as enterprise storage infrastructures grow to meet business needs.

BlueArc solutions simplify and optimize any enterprise storage infrastructure, ensuring employees, customers and partners have access to data no matter when or where that data is required.

SILICON INFORMATION NETWORK

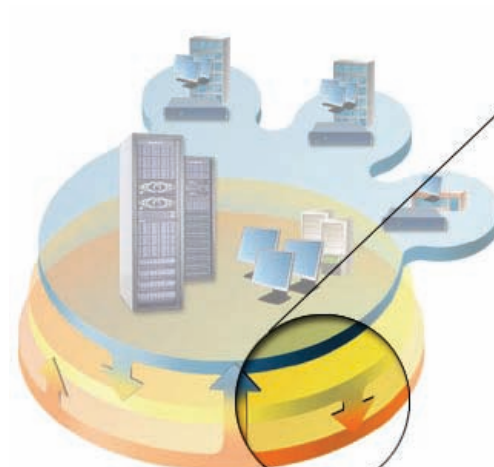
BlueArc's revolutionary SiliconServer Architecture allows the management of global storage assets as a single Silicon Information Network. This unified data infrastructure simplifies management and delivers real-time flexibility to instantly partition or grow data storage to meet changing business needs.

BlueArc solutions enable the integration and management of multiple tiers of storage, including policy based, transparent data migration between high-performance, general-purpose and archival storage.

Silicon Information Network

BLUEARC SILICONSTACK

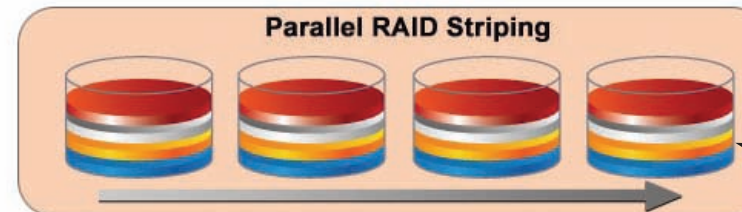
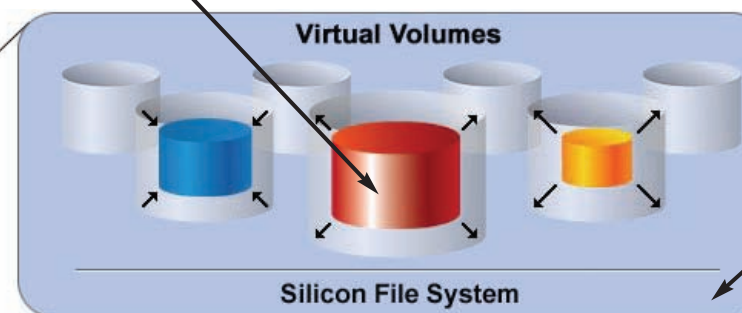
BlueArc SiliconServers are powered by a hardware-based architecture which utilizes a uniquely layered structural design called the SiliconStack. The SiliconStack controls and manages a Silicon File System (SiliconFS) of massive size while ensuring manageability, scalability and the highest performance in the industry.



BlueArc's SiliconStack

VIRTUAL VOLUMES

BlueArc's SiliconStack includes Virtual Volumes, a powerful management tool that allows system administrators to logically partition the SiliconFS. Storage administrators can instantly expand, contract and reorganize these Virtual Volumes to meet changing business needs, or apply policies and services, such as quotas. These logical entities provide a means for data segmentation, data security, and addressing collections of data that can be shared, copied or moved as a single unit.



MULTI-TIERED STORAGE

BlueArc Multi-Tiered Storage makes it possible to manage any combination of the fastest storage, together with high-performance, general purpose and archival storage within a single BlueArc SiliconServer. This allows for migration of data to the most appropriate tier of storage as defined by your enterprise management policies. All data movement is transparent to users, and continuous access to data is ensured for seamless business continuance.

SILICON FILE SYSTEM

With rapidly growing enterprise data, it becomes impossible to accurately estimate and manage the frequently changing storage needs for business units across the enterprise. To confront this shifting landscape, BlueArc's Silicon File System (SiliconFS) aggregates physical storage into very large data pools of up to 256 terabytes of capacity.

The SiliconFS, the world's only hardware-based file system, delivers incredible performance, low latency and NVRAM based journaling for maximum data protection. BlueArc's SiliconFS scales well beyond any other file system, eliminating the expense of adding new islands of storage as data grows.

PARALLEL RAID STRIPING

Underpinning the SiliconFS is a unique method of storing data into logical objects, striped across RAID-protected physical storage devices to achieve unprecedented performance and reliability. In a traditional file system, growing amounts of storage usually signal a slow down in data access but by contrast, as more storage is added, Parallel RAID Striping performance increases. For the first time in the storage industry, very densely populated directories containing hundreds of thousands of files are made practical.



BlueArc Corporation

Corporate Headquarters
225 Baypointe Parkway
San Jose, CA 95134

t 408 576 6600

f 408 576 6601

BlueArc UK Ltd.

European Headquarters
Queensgate House
Cookham Road
Bracknell RG12 1RB, United Kingdom

t +44 (0) 1344 408 200

f +44 (0) 1344 408 202