

# Ark Systems Technology IP

*Enabling Computer Storage Innovation*



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Ark Systems “Enabling” Technology Intellectual Property opens the door to new possibilities for your storage product development.

- Increasing demand for existing products
- Creating new products
- Enhancing performance of existing products
- Innovation to stay ahead of your competition
- Fastest Time-To-Market

Ark Systems Technology Intellectual Property *enables* rapid and efficient creation of innovative yet simple devices to perform critical storage functions, such as:

- Protocol Bridging / Sharing
- Virtualization / Cloud Computing
- Mirroring / Business Continuation / Disaster Recovery (local and remote)
- Consolidation / Data Mining
- Backup / Restore (local and remote)
- Content Distribution
- Nondisruptive Data Migration
- Improved Access Speed
- All In One Device – All at the Same Time

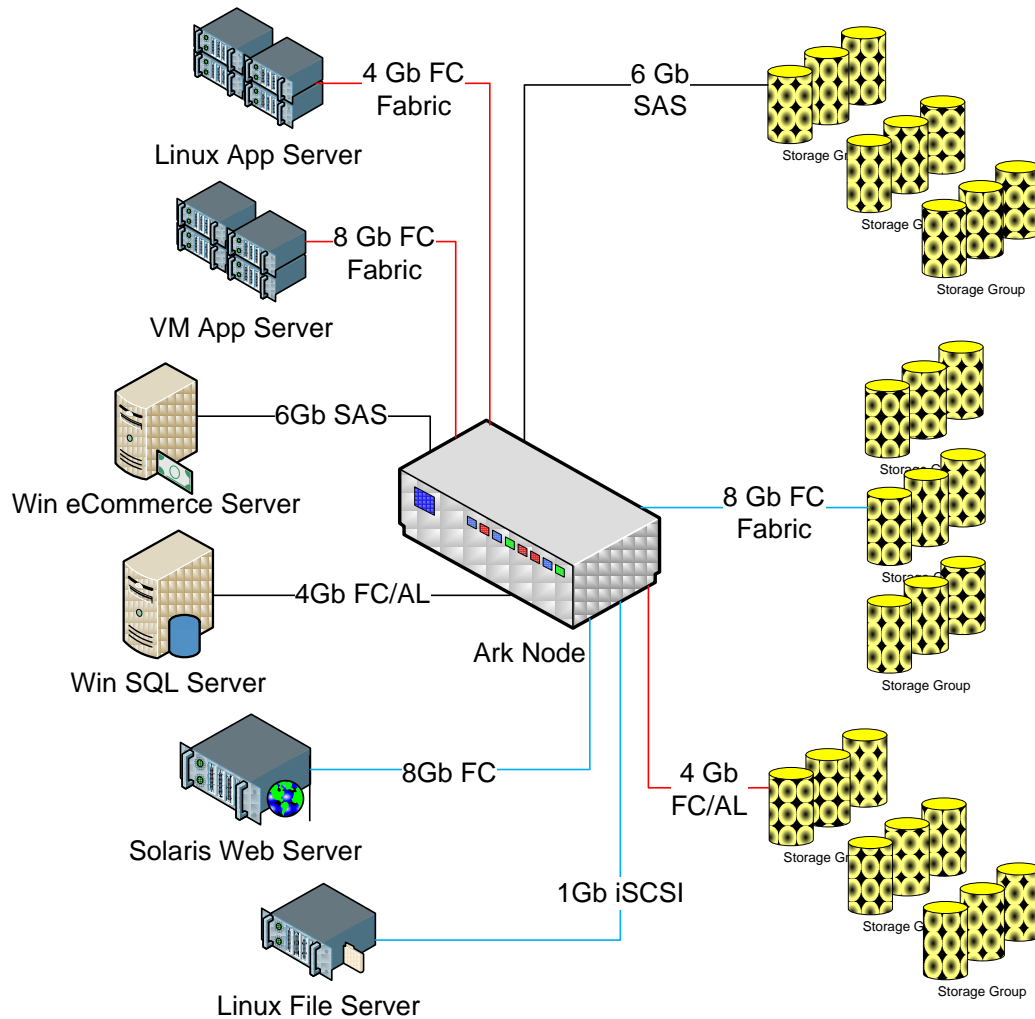
Ark Systems Technology IP provides a complete proprietary package consisting of a Real Time Operating System (RTOS), Storage Product Development Middleware, and a full-featured Reference Storage Appliance Application ready to be marketed or used as the basis for simple, innovative, easy to use, reliable storage appliances.

Ark's technology can be used to enhance your existing storage products or to create new products, even using off-the-shelf hardware. Ark IP can be leveraged to develop new and innovative functionality to keep up with market and competitive demands.

Acquisition of Ark Systems Technology IP results in a profitable market price point on a feature, function, and price basis with a higher Return-On-Investment.

## Heterogeneous Data Access

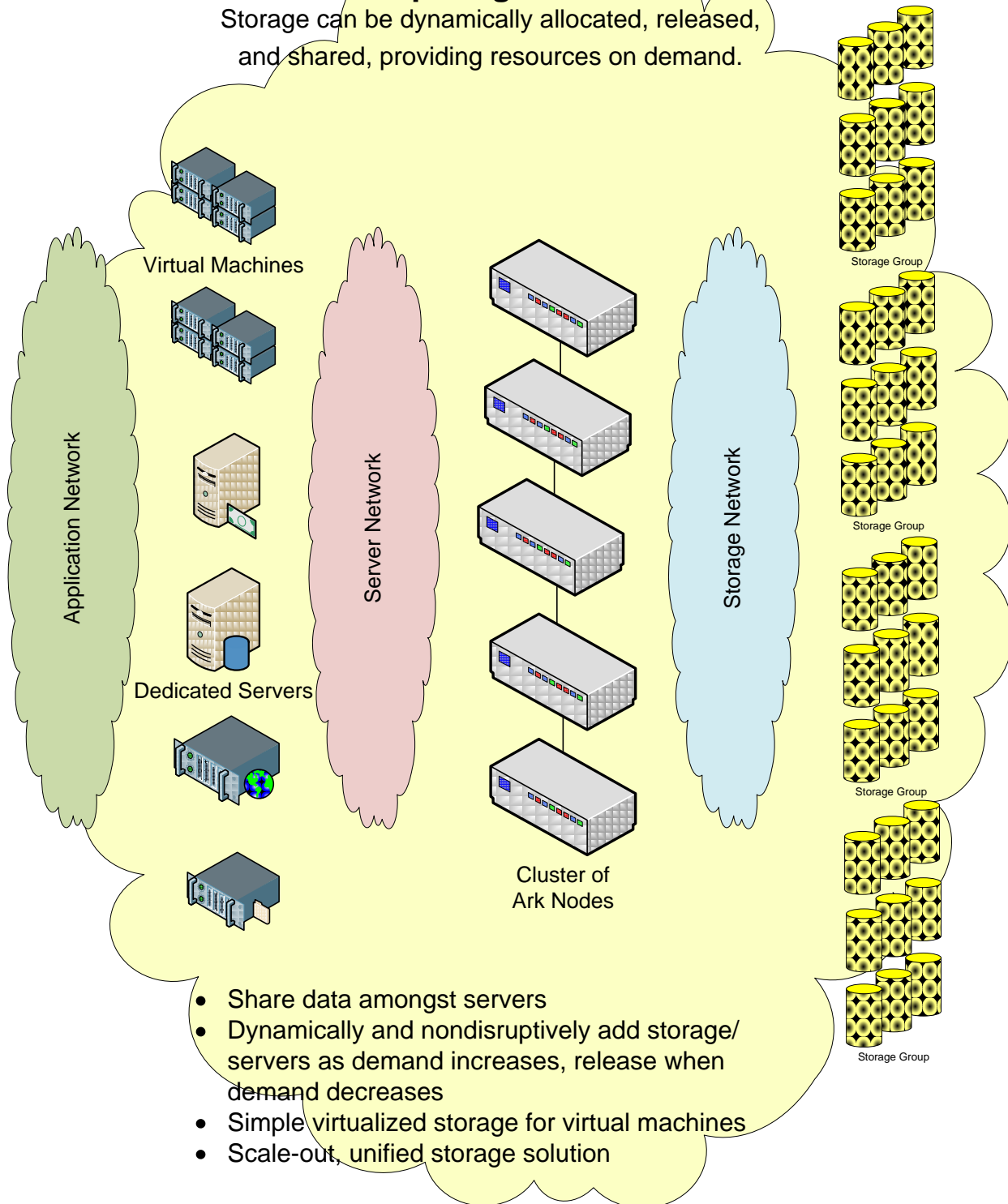
Storage virtualization allows simultaneous access of different storage types by different server types using multiple connection protocols.



- Share data amongst protocols
- Bridge protocols
- Nondisruptively migrate to new technologies
- Fibre Channel, iSCSI, SATA, and SAS

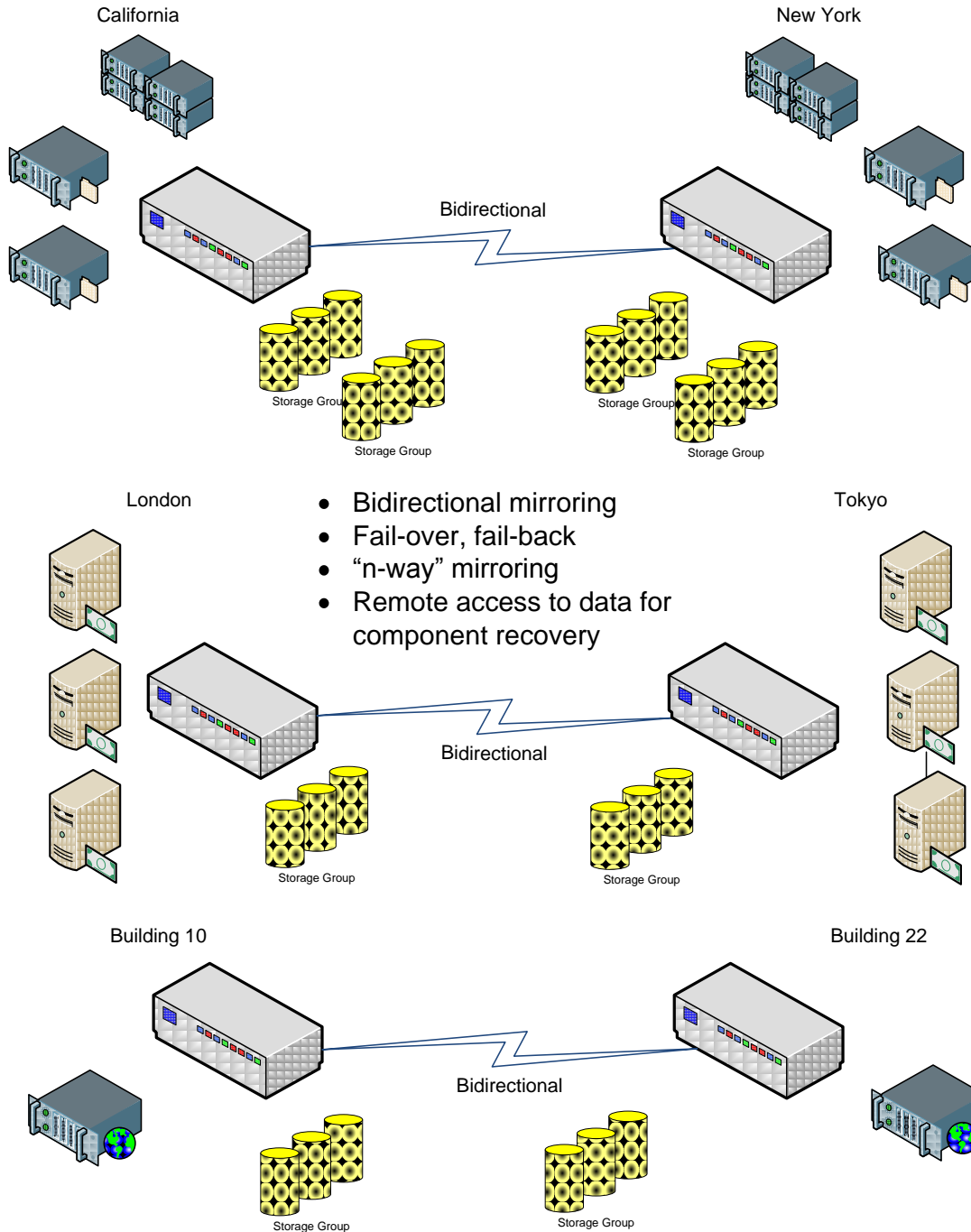
# Cloud Computing / Virtualization

Storage can be dynamically allocated, released, and shared, providing resources on demand.



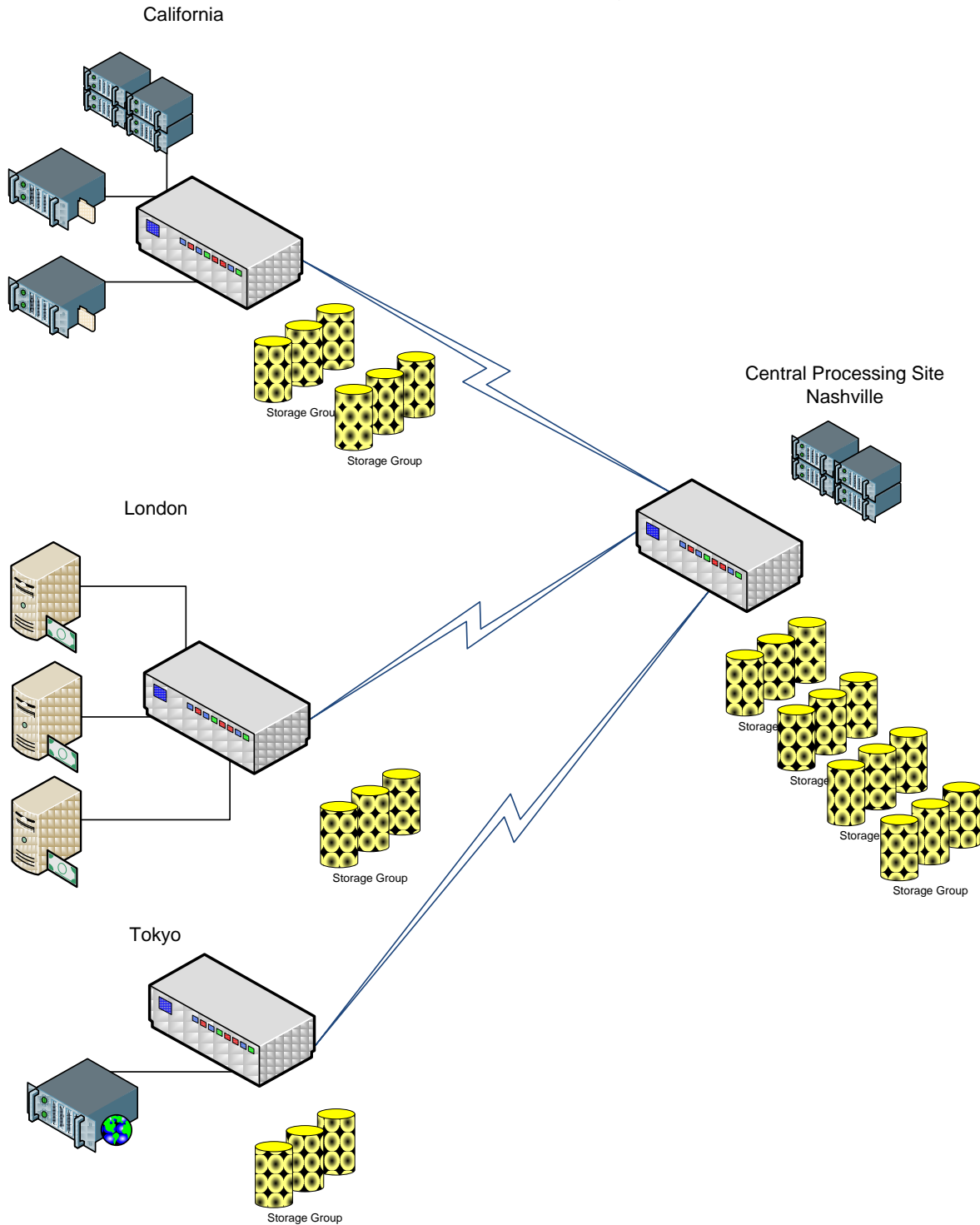
## Mirrors – Business Continuation / Disaster Recovery

Data can be mirrored at any distance – remote location can take over processing in the event of a facility failure. Remote data can be accessed if local data is inaccessible.



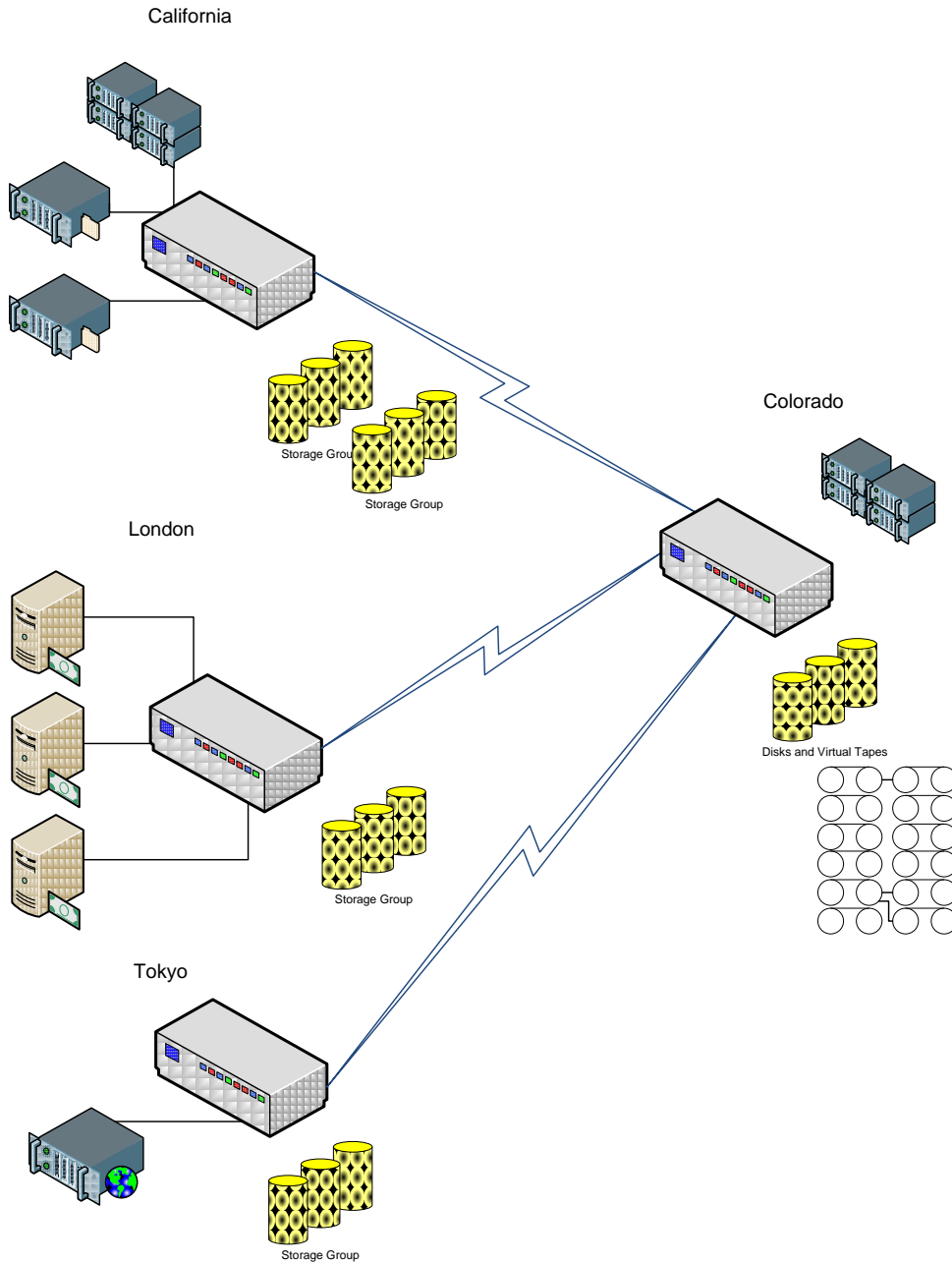
# Consolidation – Data Mining

Data can be mirrored from multiple locations to a central location for redundancy and concurrent data mining.



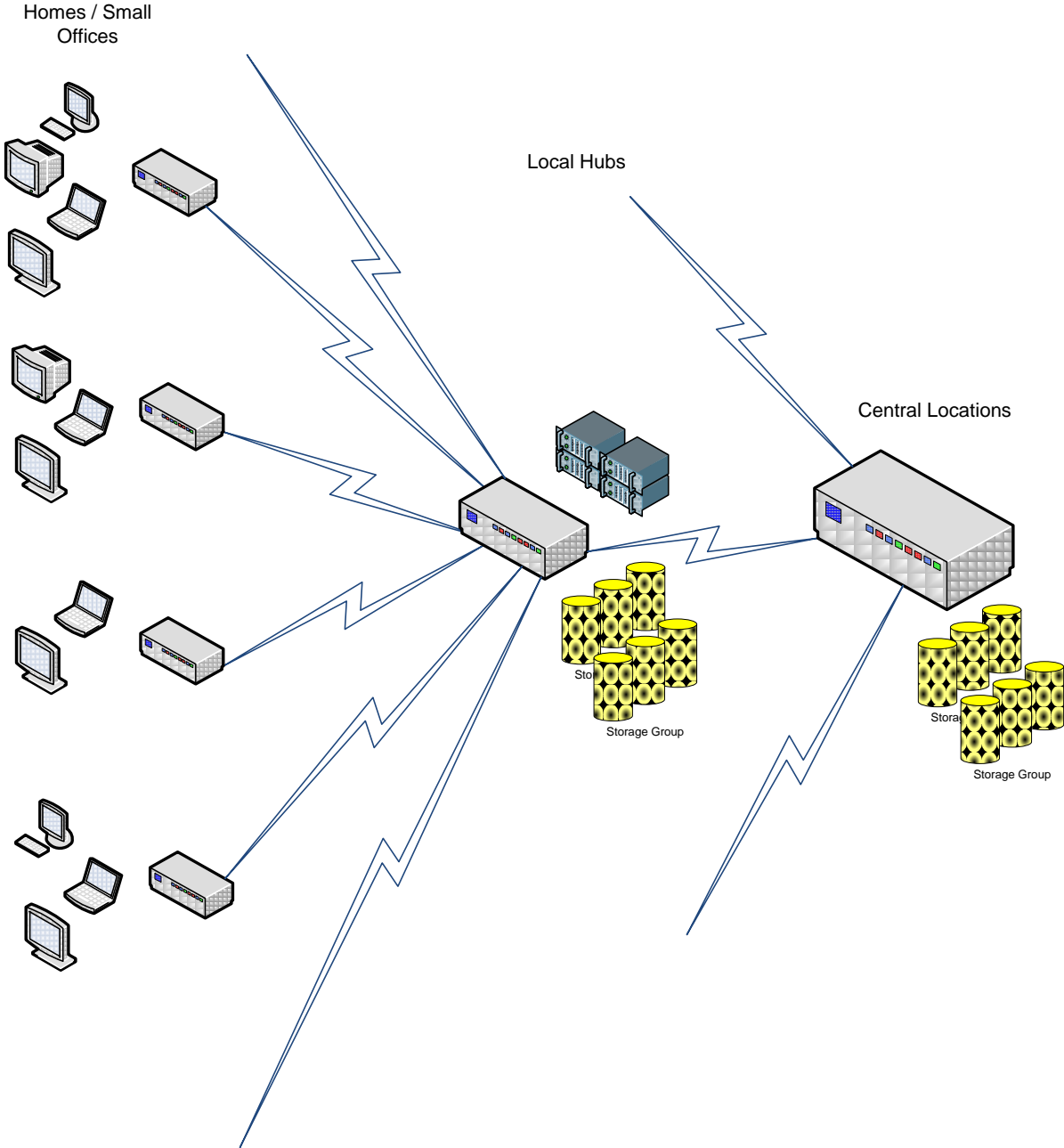
# Offsite Backup / Restore

Data can be backed up and restored to and from one or more local or remote locations.



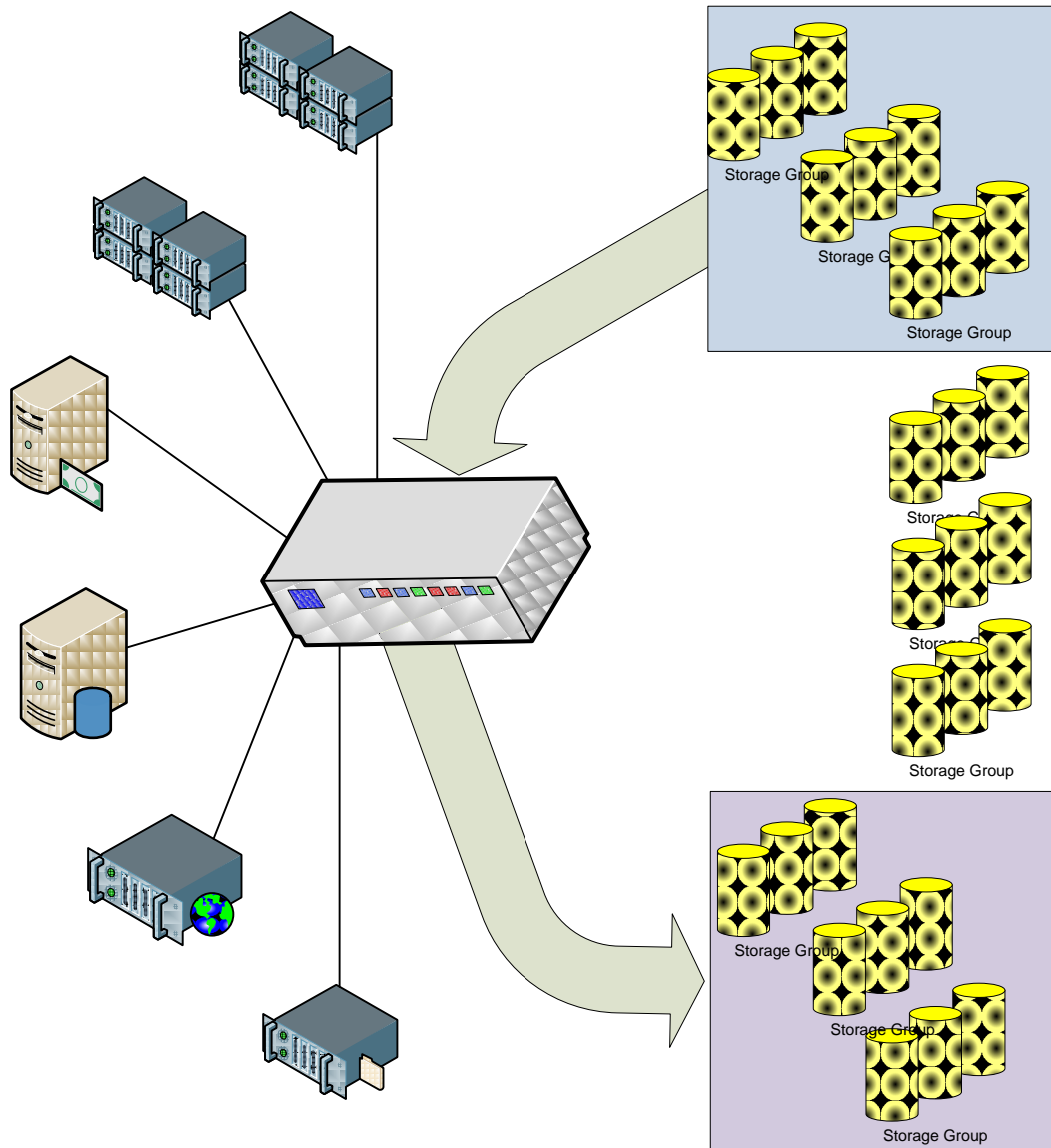
# Content Distribution

Data can be served from a central location to local hubs, and then to individual customers for sharing, backup, or media delivery.



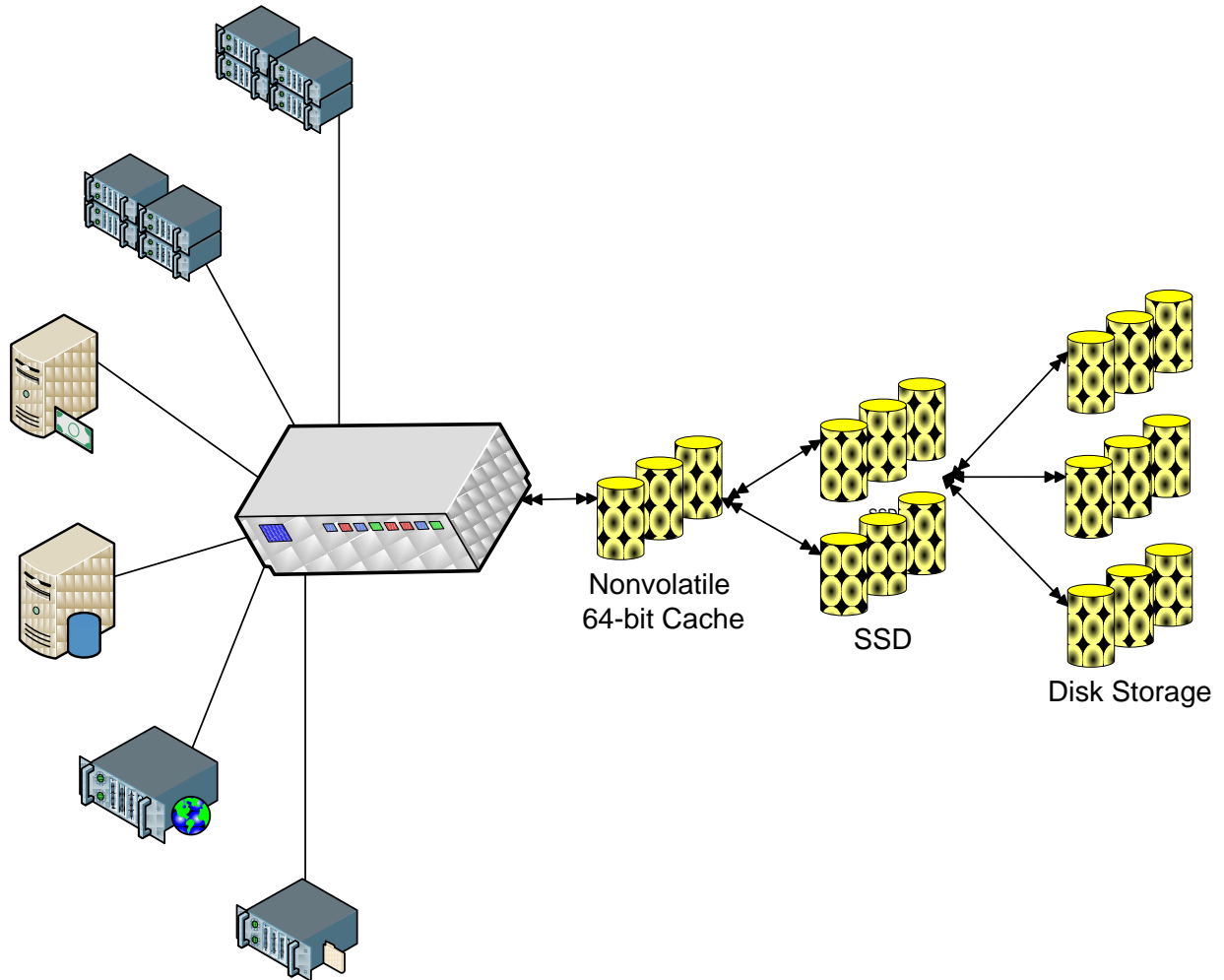
# Nondisruptive Data Migration

New equipment can be installed, tested, and data migrated without affecting production.



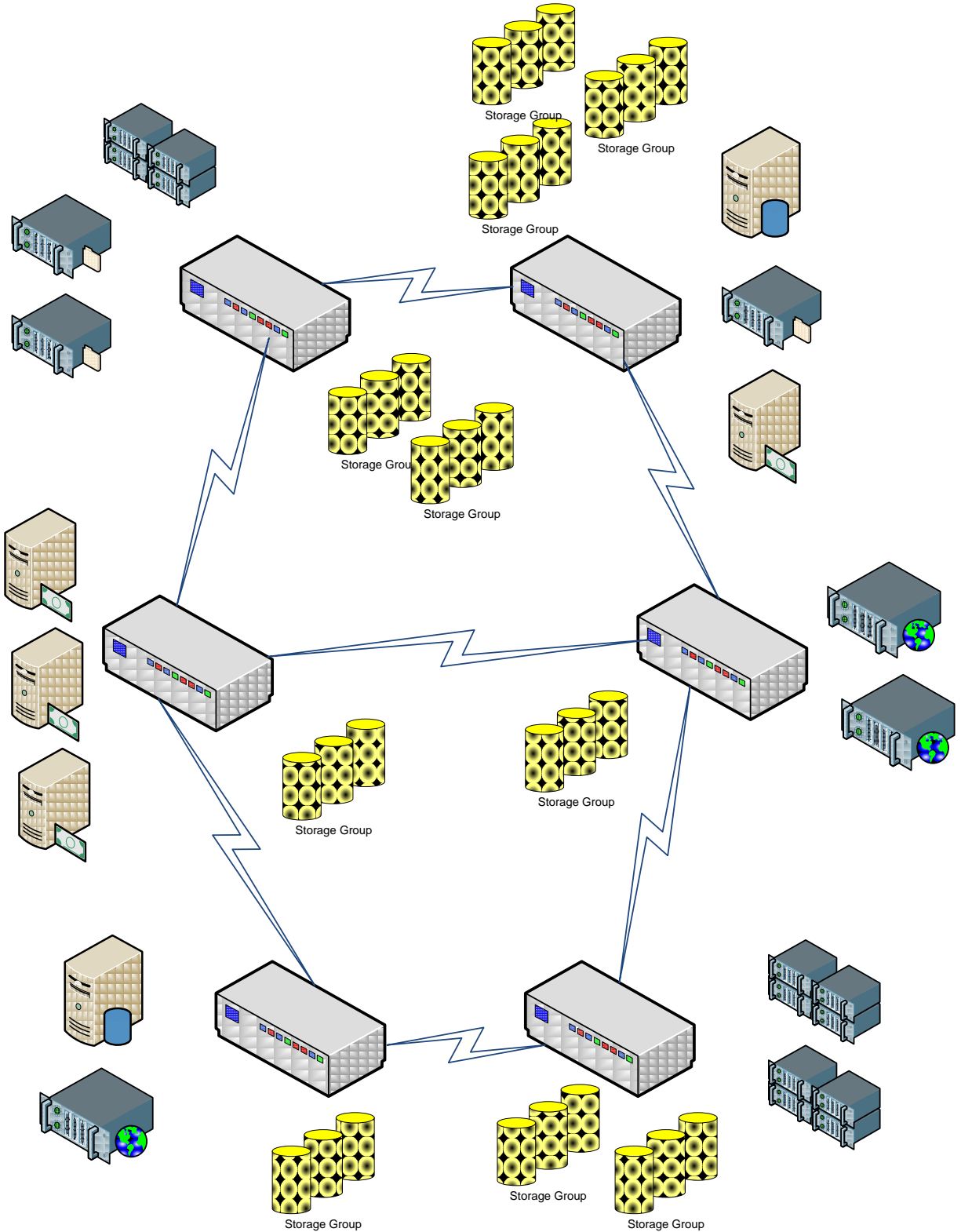
# Performance

Significantly improve access speed to existing storage via caching and solid state device data staging



# Ark Storage Cluster Network

All Ark functionality can be combined  
in a “scale-out” network.



## Contacts and Other Information

This presentation, along with RTOS and Storage Middleware Overviews can be viewed on the web:

Ark Systems Technology IP *Enabling* Computer Storage Innovation Overview:  
<http://www.thebergstens.com/arkbplan/Ark%20Technology%20Market%20Possibilities.pdf>

Ark Systems Technology Overview:  
<http://www.thebergstens.com/arkbplan/Ark%20Sales%20Presentation.pdf>

RTOS Overview:  
<http://www.thebergstens.com/arkbplan/Ark%20RTOS%20Overview.pdf>

Storage Solutions Overview:  
<http://www.thebergstens.com/arkbplan/Ark%20Storage%20Overview.pdf>

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