

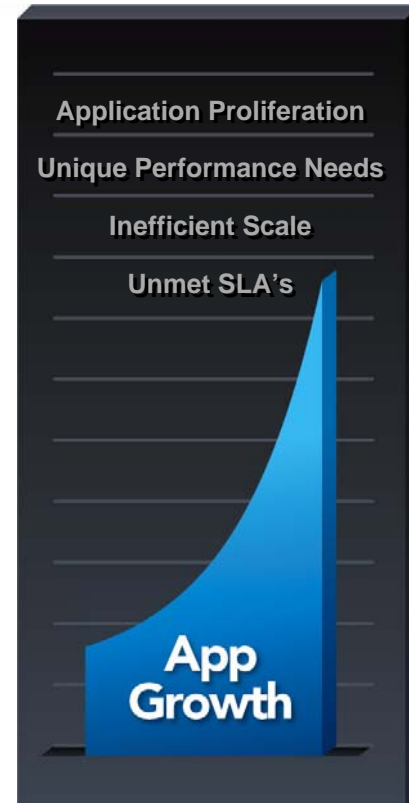
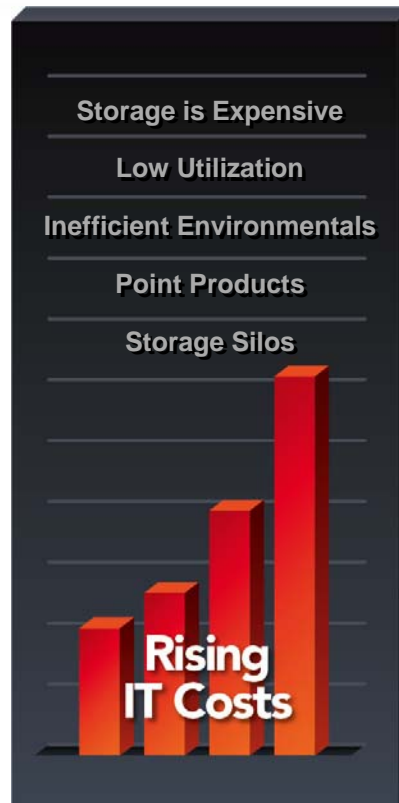
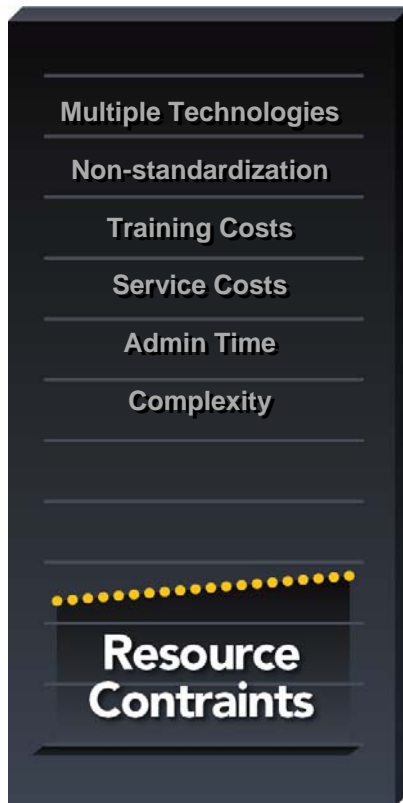
The background of the advertisement is a high-angle, perspective view of several server racks. Each rack is filled with multiple horizontal server units. The units have a perforated metal front panel with a grid of small holes. On each unit, there are several green indicator lights and a small green logo that reads 'pillar DATA SYSTEMS'. The racks are arranged in a way that creates a strong sense of depth and repetition, with the perspective lines converging towards the top right. The lighting is dramatic, with the green lights providing a focal point against the dark, metallic surfaces.

pillar
DATA SYSTEMS

The First and Only True

Application-Aware Storage

Today's Storage Landscape



Benefits of Application Aware Consolidation

Applications

Pillar Axiom

**Mission
Critical**

Service Level A

**Primary
Storage**

Recovery Level A

**Business
Critical**

Service Level B

**Secondary
Storage**

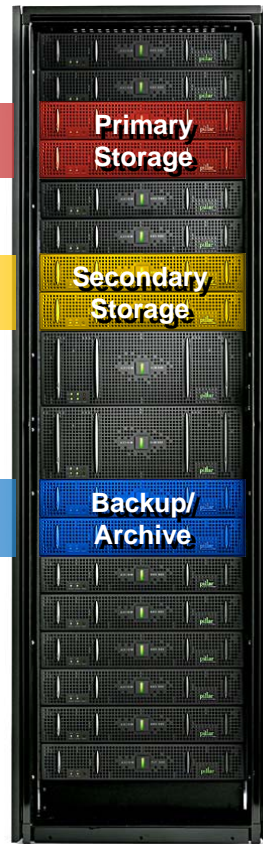
Recovery Level B

**Task
Critical**

Service Level C

**Backup/
Archive**

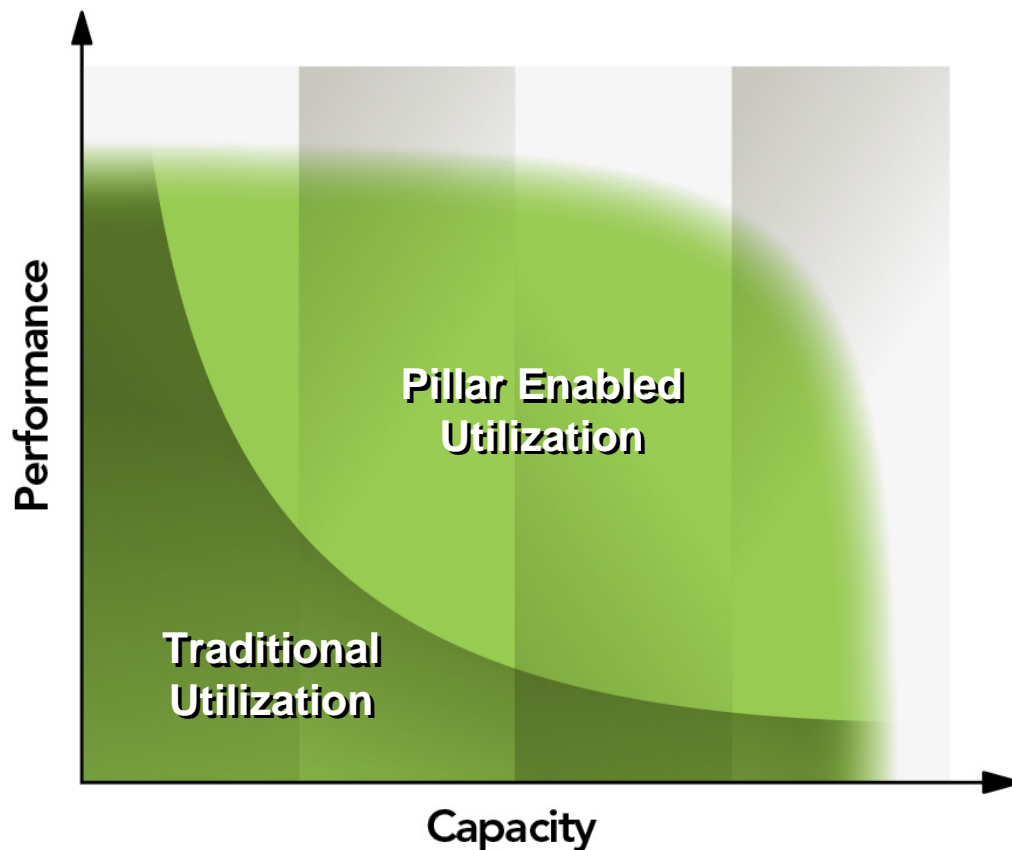
Recovery Level C



- ONE unified architecture
- ONE scalable platform
- ONE storage pool
- ONE management view
- ONE software license

Utilization Without Compromise

Pillar delivers the highest utilization rates in the industry



Traditional Use Case:

Administrators must balance capacity, performance and by default, utilization. Capacity (spindles) must be added to increase performance.

Pillar Use Case:

Administrators do not compromise utilization when either performance or capacity requirements change.

Removes the conflict between capacity and spindle count

Pillar Line: SME to Enterprise



Axiom 300

4 – 4Gbps FC ports
12 GB cache
52 TB
NAS or SAN



Axiom 600

16 – 4Gbps FC ports
32 – 1GbE ports
96 GB cache
832 TB
NAS & SAN



Axiom 600MC

Mirrored/Redundant System Pair
Guaranteed 5-9's
32 – 4Gbps FC ports
192 GB cache
1.7PB

Oracle Grid.

ORACLE

On Pillar Axiom.

Multiple Databases on a Single System

Why Oracle on PILLAR?

Rolling Upgrades

Simplified 9i to 10g Migration

Continuous Patches

Scaling without being penalized

Deeper Integration

ORACLE®

pillar
DATA SYSTEMS

pillar
DATA SYSTEMS

Simplified Storage Management

- Automated profiles drive storage service configuration
- Provisioning and management designed for DBAs
- Integrated functionality with Oracle ASM & ESM
- Easy, Guided Maintenance with customer replaceable components
- Remote “Call Home” Function



- We have a single ownership and vision
- Oracle corporate is migrating mission critical and production support environments to PILLAR
- Over 3 Petabytes of Pillar storage currently utilized within Oracle.
- Collaboration Suite and 7 other lines of business under migration.

- Oracle Enterprise Technology Centers and RAC on Wheels are available for solution validation and POC
- Oracle and PILLAR Solution practice – Application to Storage expertise
- Commodity pricing for our systems keeps the dollars where they belong – in the application layer.

- The industry's only Application Aware storage frame, easily tailored to your specific storage needs
- Modeled on the Oracle vision of using commodity hardware – keeping the true value in the software stack
- Seamless behind the scenes LUN migrations to automatically handle changes in performance characteristics

- The 3.1 release built to Oracle's specs & demand – custom built to support Oracle
- Seamless integration with Oracle's ASM & ESM
- Oracle wide stripe – fastest RAID5 implementation for Oracle. Anywhere.
- Pooled RAID 10 – to enable the fastest, most efficient storage available for Oracle today.

Profiles for Applications

Pillar Capacity and Performance Planner

Simulate Volumes: QoS Driven
You have maximum flexibility to set the QoS parameters for your volumes.
You may specify hardware yourself, or have Pillar recommend hardware based on other information.

System Capacity: (0 to 6000)

Hardware Optimized By:

Optimization Bias:

Contention Groups:

Anticipate: % predicted

Volumes to Simulate

| Name: | Use: | Typical Access: | I/O Bias: | Redundancy: | Capacity per Volume: | Performance Level: |
|----------|------------------|------------------|-----------------|--------------------|----------------------|---------------------------------|
| Untitled | Oracle dB Trans. | Oracle dB Trans. | SQL Data Mining | SQL/Exch dB Trans. | (Physical: 800) | Archive Low Medium High Premium |

FSs: LUNs:

Quality of Service:

Add volumes to continue

< Previous Next > Finish Cancel

Application Aware Storage Benefits



Increase Utilization
Rates up to 80%

Utilize

Simplify

Scale

Reduce
Administrative
Time by 50%

Lower Cost of
Ownership
by 50%