

# Technology Now


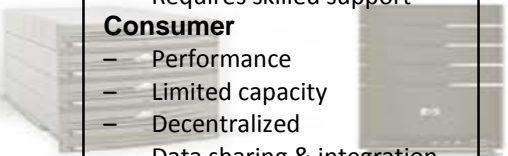



## Timely Topics for Academic Medical Centers

a product of the AAMC's Group on Information Resources (GIR)

### Consumer vs. Enterprise Storage

January 2011

By Cigdem Delano, Morehouse School of Medicine; Greg Kojola, Wright State University Boonshoft School of Medicine

Technology: Storage	Advantages/Disadvantages	Brands	Strategic Considerations	Resource Links
<p>Storage is available in many formats. Each has its advantages and disadvantages.</p> <p>Some formats are available in both consumer and enterprise versions.</p> <p>There are appropriate uses for both types of storage. Data that is important or protected by regulations generally should be placed on enterprise storage.</p>  	<p><b>Enterprise</b></p> <ul style="list-style-type: none"> <li>+ Performance</li> <li>+ Capacity</li> <li>+ Centralized data management &amp; protection</li> <li>+ Enterprise level data sharing &amp; integration</li> <li>+ Back-up, archiving, &amp; recovery</li> <li>+ Regulatory compliance</li> <li>+ Scalability</li> </ul> <p><b>Consumer</b></p> <ul style="list-style-type: none"> <li>+ Inexpensive</li> <li>+ Portable</li> <li>+ Easy to install</li> </ul> <p><b>Enterprise</b></p> <ul style="list-style-type: none"> <li>- Expensive</li> <li>- Complex</li> <li>- Requires skilled support</li> </ul> <p><b>Consumer</b></p> <ul style="list-style-type: none"> <li>- Performance</li> <li>- Limited capacity</li> <li>- Decentralized</li> <li>- Data sharing &amp; integration</li> <li>- Back-up, archiving, &amp; recovery</li> <li>+ Regulatory compliance</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco</li> <li>• Dell</li> <li>• EMC</li> <li>• Hewlett Packard</li> <li>• Hitachi</li> <li>• IBM</li> <li>• ioSafe</li> <li>• Isilon</li> <li>• LaCie</li> <li>• Maxtor</li> <li>• NetApp</li> <li>• Oracle</li> <li>• Seagate</li> <li>• StorageTek</li> <li>• Zetta</li> </ul>	<ul style="list-style-type: none"> <li>• Budget management</li> <li>• Grant requests</li> <li>• Data management and security</li> <li>• Regulatory compliance</li> <li>• Standards</li> <li>• Longevity and growth</li> <li>• Disaster recovery</li> </ul>	<ol style="list-style-type: none"> <li>1. Enterprise storage <a href="http://en.wikipedia.org/wiki/Enterprise_storage">http://en.wikipedia.org/wiki/Enterprise_storage</a></li> <li>2. EDUCAUSE Enterprise Storage Solutions <a href="http://www.educause.edu/Resources/EnterpriseStorageSolutions/163599">http://www.educause.edu/Resources/EnterpriseStorageSolutions/163599</a></li> <li>3. Storage Management <a href="http://www.searchstorage.com/">http://www.searchstorage.com/</a>  <a href="http://www.searchstoragechannel.com">http://www.searchstoragechannel.com</a></li> </ol>   

© 2011 AAMC. May not be reproduced without permission.