

Aperture VISTA® Capacity Management

Aperture VISTA®, is an enterprise software solution which reduces operational risk and improves efficiency through the planning and management of data center resources. Aperture VISTA delivers the best practice processes that enable organizations to take control of an increasingly complex physical environment including equipment, space, power, cooling, network and storage. The world's largest companies use Aperture VISTA to achieve substantial improvements in the quality, reliability and cost effectiveness of their data center planning, design, provisioning, troubleshooting and analysis.

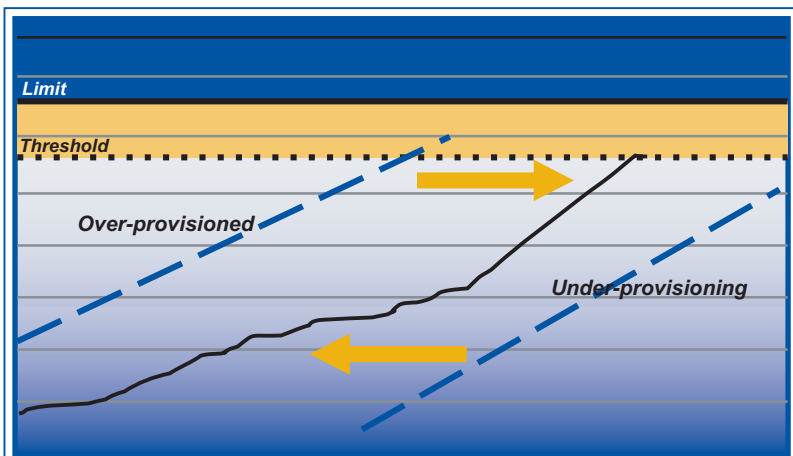
Managing Capacity in Today's Data Center

Data Centers today are faced with a new operating paradigm. The increase in high density equipment has changed the way data centers need to be managed. Meeting service levels while controlling costs has taken on a whole new dimension around capacity management of the physical resources of the data center. Managing the interdependency between space, power and cooling as well as other infrastructure resources has reached a new level of complexity. Further complicating matters is the time-frame required to add physical infrastructure capacity – between 6 and 24 months -- and impact of hitting the capacity "ceiling" of these resources – outages or immediate delays in provisioning. Aperture VISTA Capacity Management enables data center management to gain valuable insight into the physical infrastructure capacity management challenge and ensure the data center can support the objectives of the business.

Aperture VISTA Capacity Management provides reports and process to give the ideal level of management and control of the data center. Using Aperture VISTA Capacity Management, businesses can capture their past infrastructure usage, understand future trends based on past use and report on key capacity metrics and thresholds. Capacity reporting features provide IT management and operations insight into the current state and consumption trends for the infrastructure of each data center in the VISTA repository.

Balancing the Capacity Equation

Data center management is in a constant battle to provide sufficient infrastructure for new initiatives while controlling costs. This requires balancing the cost of over-provisioning with the impact on the business of under-provisioning, and can only be accomplished through the proactive management of data center resources.



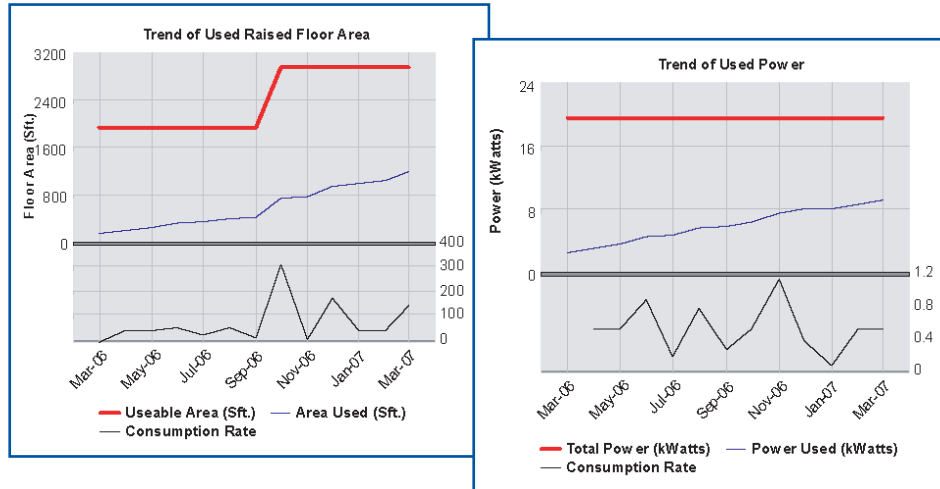
Capabilities

- View month-to-month comparisons of key data center metrics highlighting increases and decreases in resource usage
- Track total server count and cabinet count over time
- Provide executive dashboards summarizing all key capacity parameters
- Set usage threshold to provide early warning on data center resource usage
- Understand which resources will become limitations for future growth
- Project "time remaining" for all data center infrastructure capacities

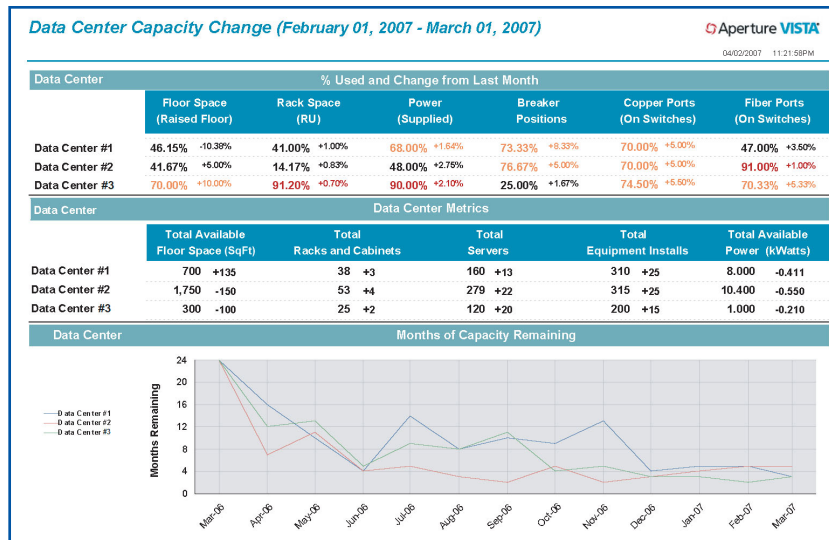
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Managing Infrastructure Capacities

By understanding the number of months remaining on key parameters of capacity, managers can build a business case for how and when new infrastructure should be provisioned and deliver the services required to support the business in a cost effective manner. Aperture VISTA Capacity Management provides trending reports detailing the past usage and “months remaining” for key data center resources.



Summary reports provide a dashboard view into infrastructure capacities, detailing current capacity of data center resources (floor and rack space, power, breakers and ports) across all data centers. Data center management can also understand how quickly resources are being consumed through month-to-month trending metrics.



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