



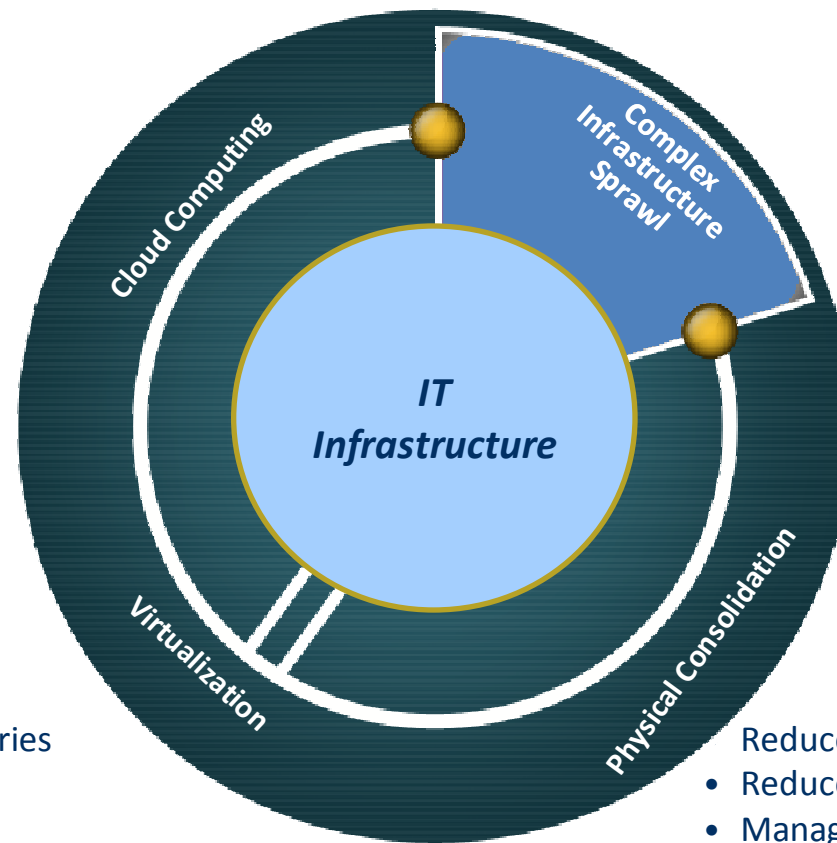
The NextGen Datacenters and Beyond

Business and data center pressures



Changing IT infrastructure

- Service oriented architecture infrastructure
- Rapid provisioning of IT resources, massive scaling
- Dynamic service mgmt
- Energy saving via auto workload distribution

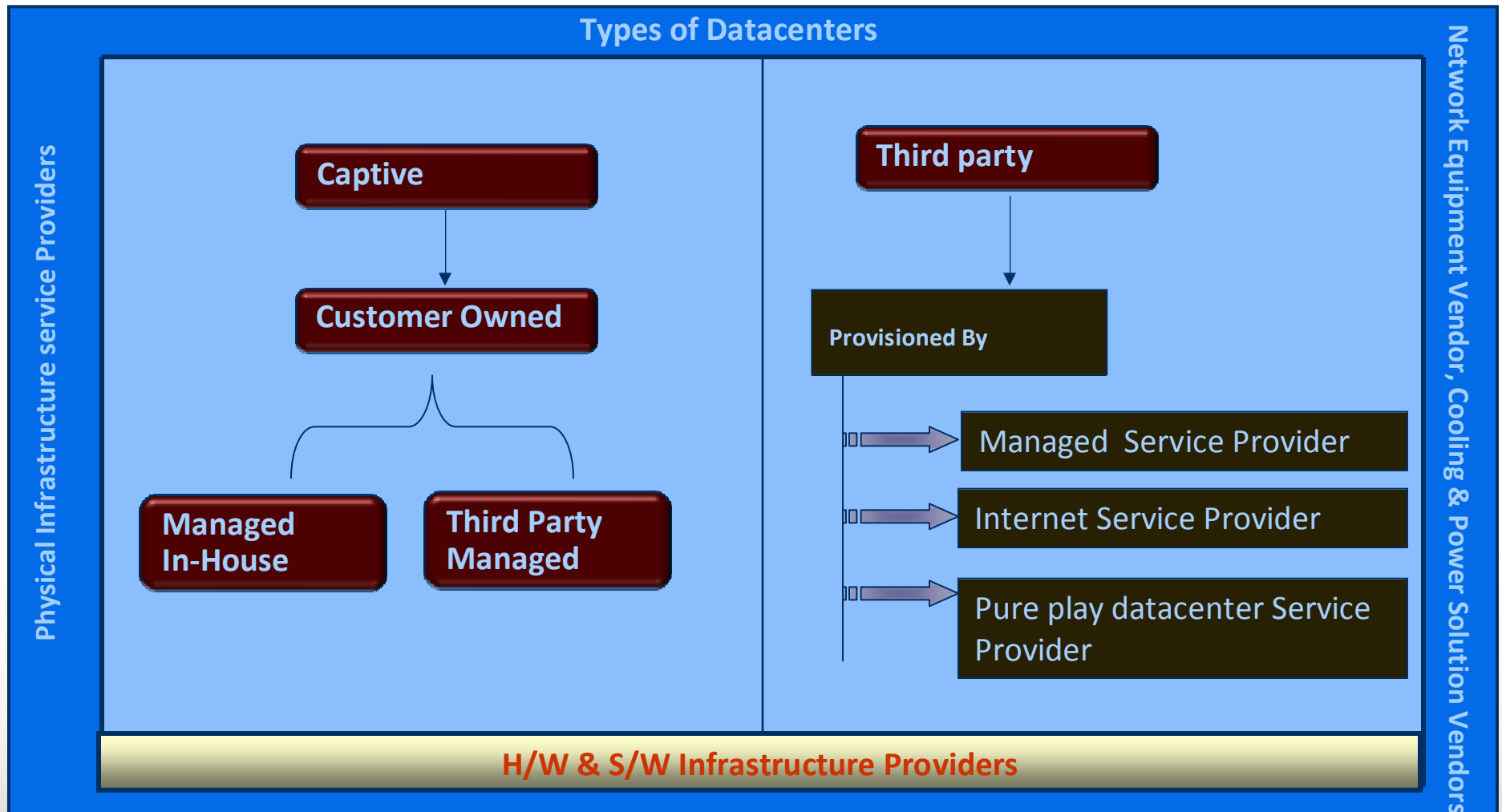


- IT assets & datacenters kept growing
- Desperate system tools
- Inconsistent processes
- Soaring IT and power costs

- Remove physical resource boundaries
- Increase hardware utilization
- Reduce hardware costs
- Simplify deployments

- Reduce infrastructure complexity
- Reduce staffing requirements
- Manage fewer things better
- Lower operational costs

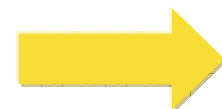
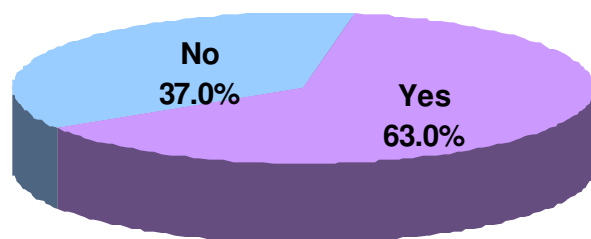
Data Center Market - Ecosystem



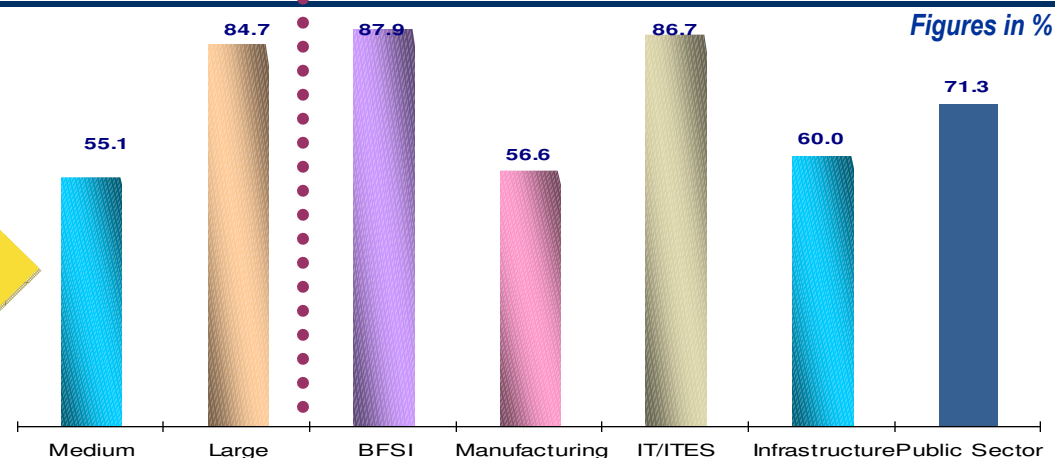
Data center Setup – Overall /Segment/ vertical wise



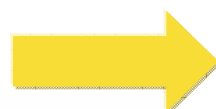
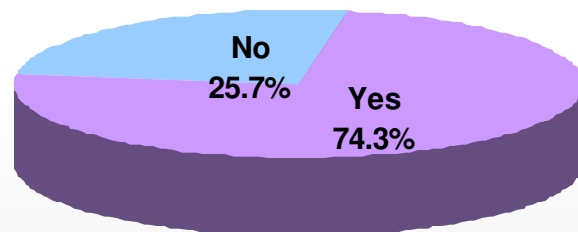
Current Adoption in 2010



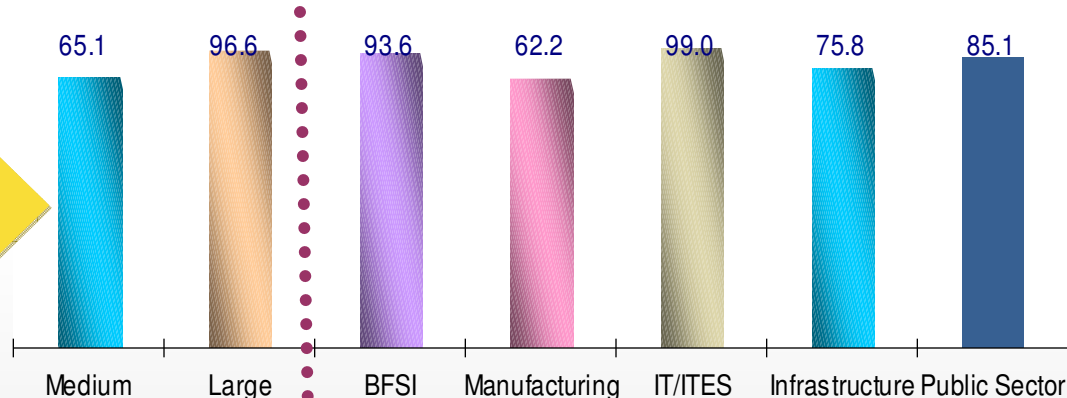
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Future Adoption in 2013



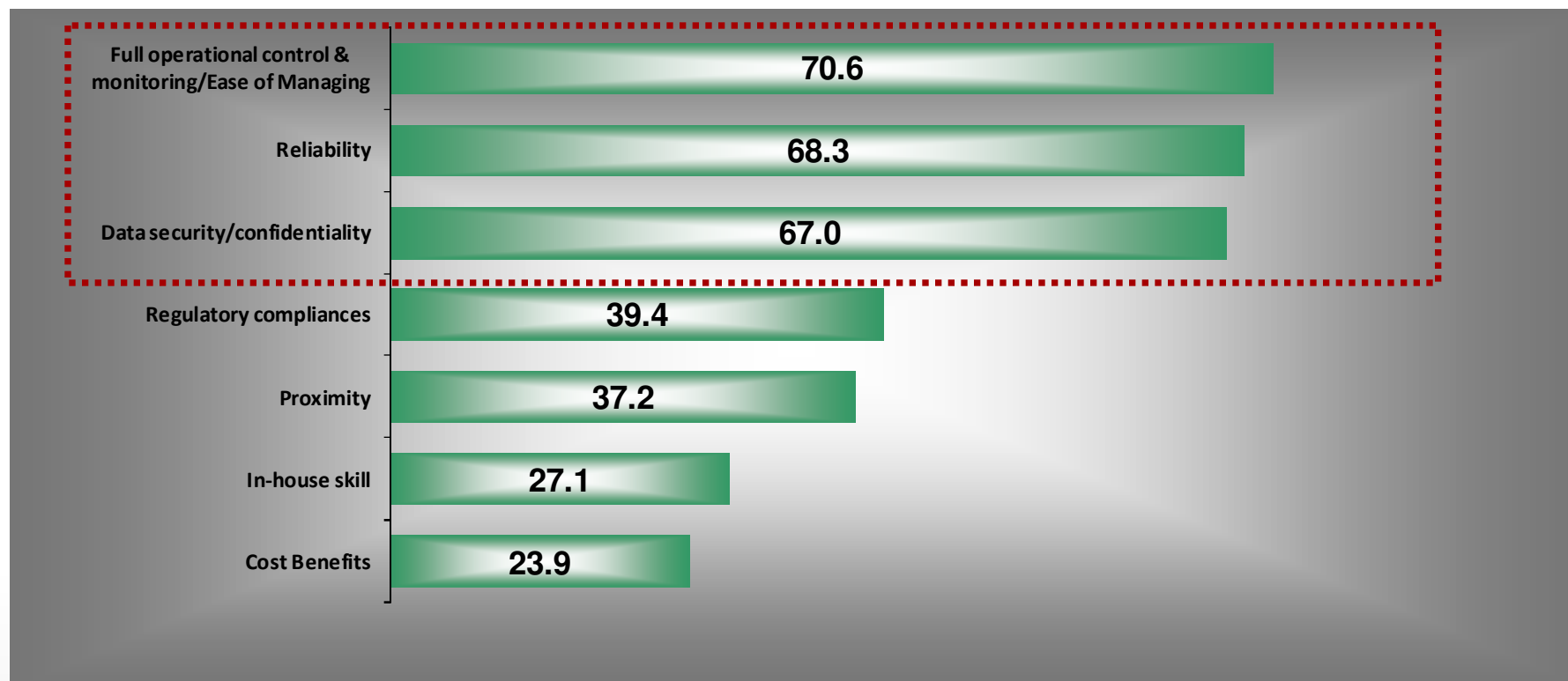
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The current penetration of datacenters in India comes around 63.0%, with around 84.7% of large organizations having datacenter setup. BFSI leads the way with maximum penetration of datacenters (87.9%). Going forward, penetration level amongst large organization is going to reach almost cent % (95.6%). IT/ITES will lead the rest having 99% penetration levels dislodging BFSI from the top slot.

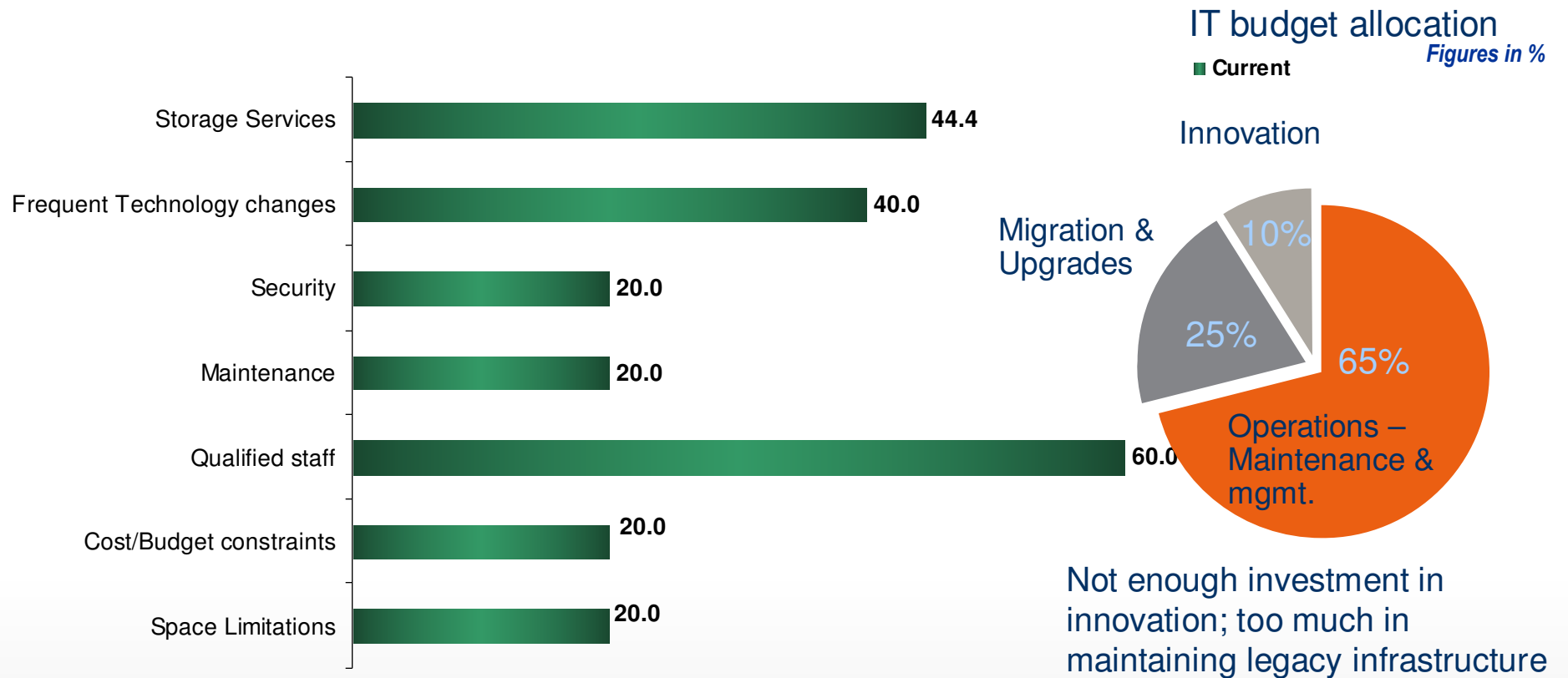
Major reasons for opting Captive Data Center

Figures in %

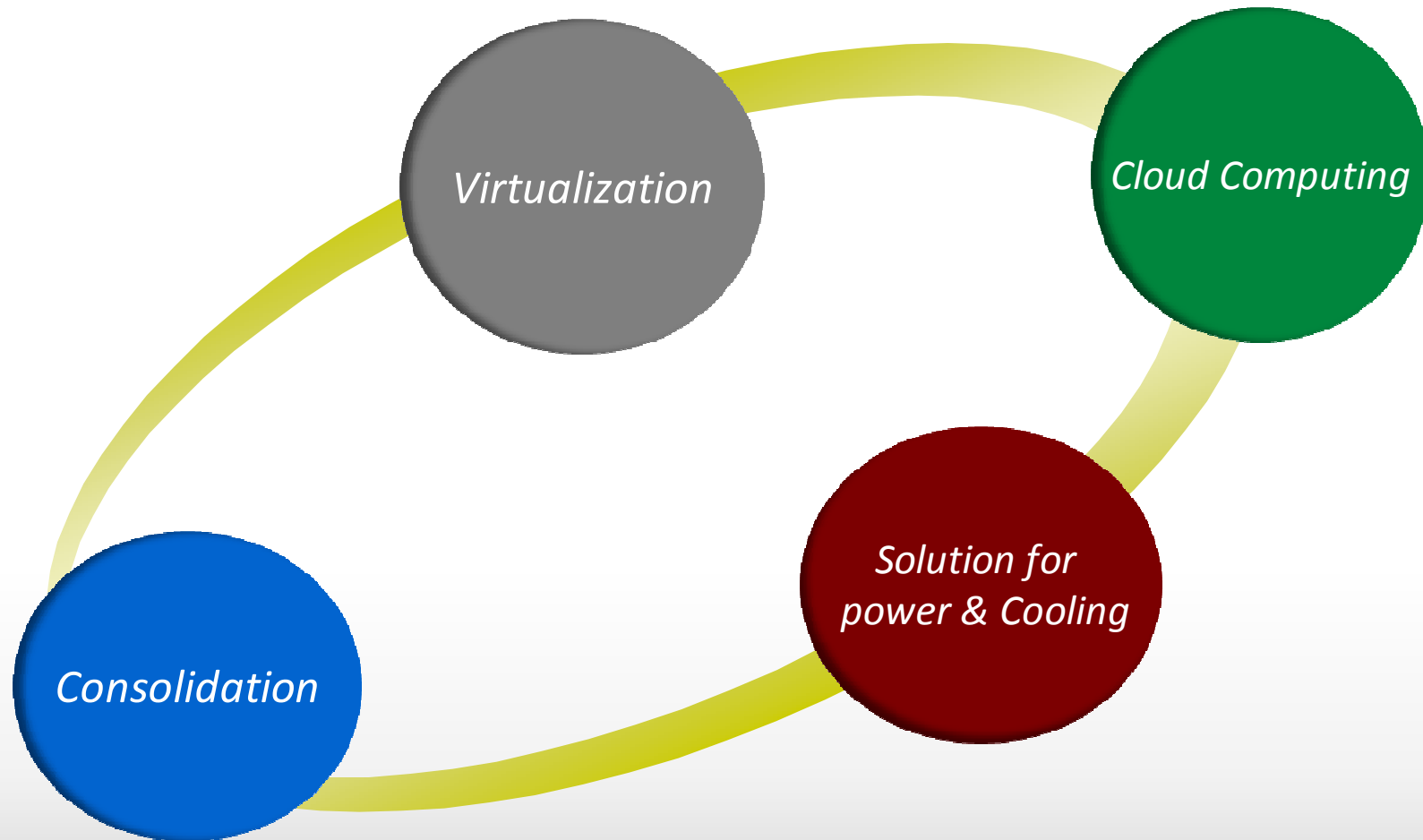


Full control and confidentiality of the data are key reasons why organizations go for captive data center units. To the extent they are willing to incur cost in the process, which is why cost benefits does not feature amongst the top most priorities of organizations.

Issues in managing Captive datacenter



Initiatives for Datacenter Optimization



Way Forward

Underlying Pillars for the Evolution of Data Centers of the Future



Physical &
Static
Data Center



Virtualized &
Dynamic
Data Center

Extended Use
of
Virtualization

Organizations will need to extend their use of virtualization beyond server consolidation to create dynamic shared resource pools, across server, storage and network resources, to provide better utilization, scalability, and agility

Advanced &
Proactive
Management

To proactively and efficiently manage and support a highly virtualized and dynamic datacenter

Policy Driven
Automation

Policy-driven automation will bring about the ability to respond quickly to changing business demands.

Self Service &
Charge Back`

Self-service and chargeback to provide better transparency between IT and the business by providing information on the associated service levels and costs of a particular service.

Delivering the next generation data center



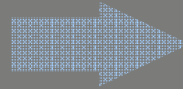
Business outcomes

Lower the cost of IT operations, provide higher quality of service, and increase speed in introducing IT change

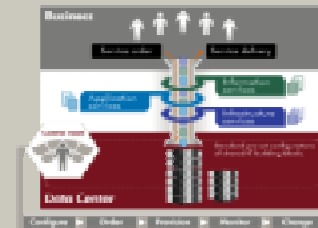
Current state
High-cost IT islands



Turn IT into a
service provider



Future state
Low-cost pooled IT assets



24x7 lights-out computing environment, based on standard building blocks, automated using modular software, delivered through comprehensive services.



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