

Infrastructure as a Service

Executive summary

Today, many are making the choice to move to some form of infrastructure as a service (IaaS) for help in managing computing resources. In a 2012 study, Enterprise Strategy Group found that 30 percent of enterprises (defined as organizations with 1,000 or more employees) currently use some form of IaaS, compared to 19 percent in 2011.

The study also found that an additional 55 percent are considering or plan to use IaaS in the future, compared to 44 percent in 2011. The top four reasons for moving to IaaS include its availability as a resource for testing and development, the ability to run production applications, the availability of additional resources to accommodate spikes in workload demands, and for use as a temporary compute resource for time-limited projects.

IaaS' other key benefits include improved cash flow, accommodation of widely inaccurate provision planning, and exceptional transparency in utilization and costs

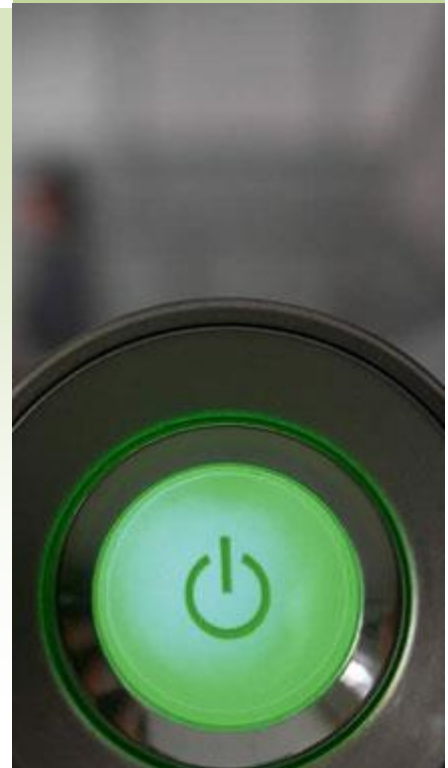
Traditionally, companies met their growing IT needs by investing in more capital equipment. Today, competitive pressures continue to demand improvements in quality of service despite growing numbers of users and applications. At the same time, the challenging economic environment has increased pressure on IT departments to keep costs down.

Introducing Pay-as-you-go model which allows you to scale up or down when ever needed.

Over view

At its core, infrastructure as a service is a way for organizations to get the hardware, storage, networking and other services they need to run their operations without worrying about buying, managing or maintaining the equipment. With this model, enterprises "rent" the equipment, paying only for the infrastructure they use. Service provider owns, manages and maintains the equipment, providing enough capacity to scale up or down to meet the needs of its customer organizations.

IaaS Benefits



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Economics

All enterprises are looking for ways to cut costs, and the IaaS provides an opportunity. The pay-as-you-go model means that organizations never pay for capacity not used. Plus, there are no more costs for upgrading hardware and other infrastructure, no more service contracts and costs.

Lowering costs is a major driver for adopting the IaaS model. Buying an equivalent amount of computing power

(not to mention the expertise to manage those resources and guarantee uptime) would be prohibitively expensive for many enterprises. Other benefits include flexibility, scalability, greater security, almost 100 percent uptime and the opportunity for enterprises to shift the IT focus to their core mission or business instead of focusing their resources on IT infrastructure

Key Benefits

With no up-front commitments and a pay-per-use consumption model, IaaS offers an improved start-up cash flow in comparison to conventional data center and IT service models.

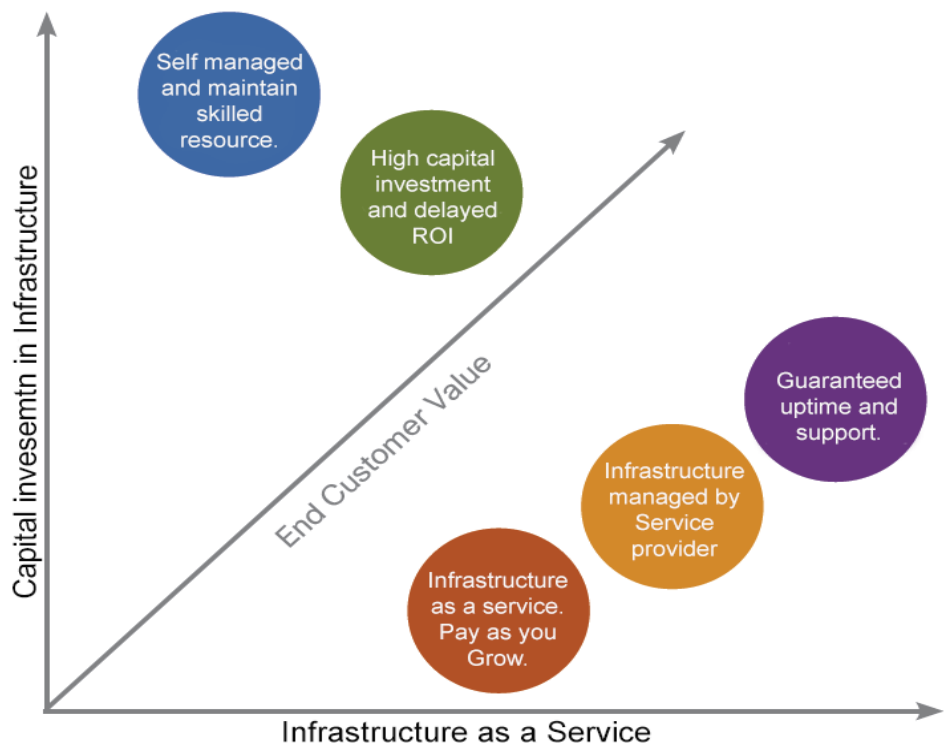
The elasticity of IaaS enables customers to rapidly scale up resources as needed even avoiding the undesirable consequences resulting from over and under-provisioning

The visibility and control IaaS offers over resources, activity and costs, represent a new level of IT management efficiency.

To determine if transitioning to IaaS really is a strategic move from a cost perspective, calculating TCO is a must. This determination must include costs such as upkeep, salaries of IT personnel and the time commitment of senior management when planning, building, and managing IT infrastructure.

Introducing Pay as you grow to decrease your capital investment

Top three reasons to adopt IaaS



Benefits of IaaS include, for both SMBs and Enterprises, speed of deployment and increased functionality. For Enterprises specifically, IaaS brings particular advantages from both a tactical and strategic planning perspective.

Services to Customers

- **Greater financial flexibility:** Customers can rent their IT systems from TechnoPlanet Solutions class computing environment, reducing capex on servers, software, data center space, and network equipment.
- **Wider choice of services:** TechnoPlanet Solutions can offer customers a wider range of services that are ubiquitously available, easily accessible, and available as well-defined service options.
- **Increased business agility:** Customers can access IT and networking resources at TechnoPlanet Solutions scale without the cost or complexity of managing a large-scale IT infrastructure. Customers can increase their agility and flexibility, improving their ability to respond to changing business opportunities.
- **Cost-effective scalability:** IaaS offers a pay-as-you-go model, giving customers the flexibility to scale up or down in line with business needs. Services are paid as per count and period of usage.
- **High availability with SLAs:** TechnoPlanet Solutions can offer customers high availability with SLAs based on fault-tolerant technologies, helping ensure that infrastructure is available 24 hours a day, 365 days a year.
- **Increased security:** High levels of service provider security provide customers with a secure environment for applications and data.



Inside Story Headline

What is crucial to successful realization of IaaS business benefits is to take a holistic approach across strategy, ROI-driven architectural decisions, tools, people, and process changes required to deliver the promise of IaaS. TechnoPlanet Solutions IaaS Strategy Service addresses these needs, helping clients determine whether IaaS is appropriate and strategize, justify financially, and roadmap a transition to IaaS. Clients can develop a tailor made IaaS business model, including a financial ROI model, establish primary metrics and performance indicators to evaluate investments and returns and assess costs, benefits, and operational changes needed to benefit. This service will help them identify the strategy that will accelerate time to revenue, with proposals for both quick wins and longer-term gains.