

Cloud Computing Cloud Enablement Services

“Cloud computing is an operational model for enabling convenient, on-demand network access to a shared pool of configurable computing resources that can be rapidly provisioned and released with minimal management effort or service provider interaction.”

- National Institute of Standards and Technology, August, 2009

ASP, Grid Computing, SOA, SaaS...Simply put Cloud Computing is on-demand IT infrastructure, middleware, and applications delivered over the web and is a viable culmination of previous on-demand shared compute models that have been seen in the IT industry over the past 10+ years. Simply put the cloud enables IT departments to better deliver business applications and services.

Types of Cloud

As with all buzzwords there is much confusion as to what exactly “the cloud” is and what defines the different types of clouds. Advanced 365 believe there are four main types of cloud available.

Public clouds

Public cloud describes cloud computing in the traditional mainstream sense, where resources are dynamically provisioned on a self-service basis over the Internet from off-site third-party providers, such as Microsoft BPOS and Google Mail. These are subscription based online services with limited configuration and limited application interoperability.

Service provider clouds

Building on the services available in a public cloud, service provider clouds are aimed at people that want the benefits of applications delivered on a public but who have technical or business requirements that require extra functionality or less risk than those available in a public cloud. These are usually subscription based shared services with customised options allowing for greater application interoperability.

Application Clouds

Commonly known as Software as a Service or SaaS, application clouds in the delivery of business applications online. Unlike applications available as public clouds these tend to be line

of business applications that require some level of application migration and vendor support during the sales and implementation stages although the final application usually offers limited application interoperability. These are mainly delivered on a subscription based model.

Private clouds

These are private networks developed based on the cloud principles of virtualisation plus automation but kept in-house to capitalise on data security, corporate governance, and reliability concerns. These can either be hosted by the customer or by Advanced 365 or another managed services provider. Private clouds offer dedicated services that can be uniquely configured and provide full application interoperability.

The Challenge

Company operations are rapidly changing and becoming redefined by a revolution and its business implications:

- Consumer Demands – the availability of massive scale services and the rise of tech-smart consumers and employees
- Collaboration – businesses moving from vertical integration to a horizontal, networked business model
- Always Available Computing – rising demand for mobility to support faster response to customers
- IT Challenges – reducing capital expense in favour of predictable operational cost, increasing power costs, a lack of space, and transforming delivery models to respond to strategic business requirements

Cloud Computing

The Solution

Cloud computing has a simple value proposition and changes the way IT services are delivered and consumed. This change of delivery can be a complex and risky venture without the insight, integration and controls in place to manage it properly in the enterprise. Core questions around security, performance and regulatory compliance still remain unanswered and many organisations are unsure what the cloud means for them and how they can leverage the obvious cost benefits whilst addressing the risks.

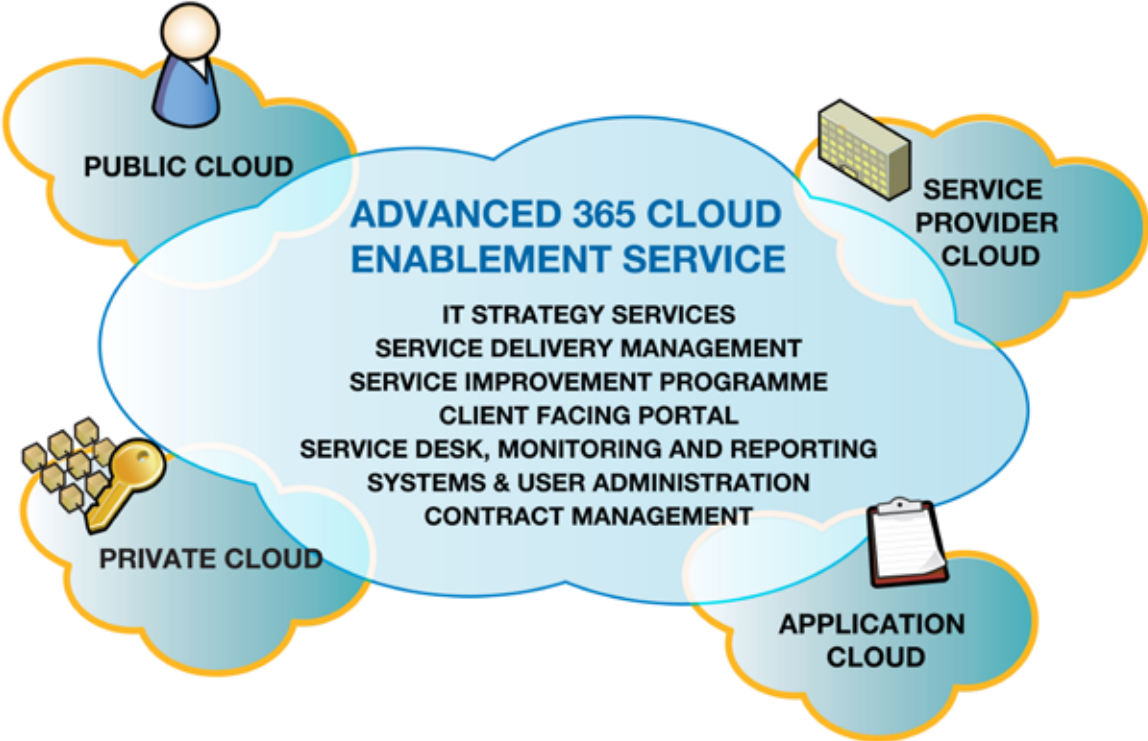
The Advanced 365 Cloud Enablement Service is a best-of-breed risk free approach for cloud services integration that provides clients with service level management, remote monitoring, reporting, service desk and data transparency. Coupled with our application development and application management capabilities our customers engage with us to manage their cloud operations and the applications that sit within them.

Advanced 365 believe there are four main types of cloud computing and the Advanced 365 Cloud Enablement Service is designed to utilise and integrate all of them.

By using the Advanced 365 Cloud Enablement Service you will benefit from the best bits of the cloud whilst removing the risks through integration utilising a combination of the different types of cloud offerings, along with Advanced 365's traditional Data Centre Services. This provides your organisation a risk free Hybrid IT delivery function that is designed, deployed and operated in line with your business requirements.

For peace of mind Advanced 365 has partnered with some of the industry's leading providers of cloud computing platforms, including Microsoft, Amazon, Force.com, and Google, to deliver our customers a truly scalable and flexible cloud based managed service.

The clouds in the sky, the Advanced 365 Cloud Enablement Service:



For more information

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