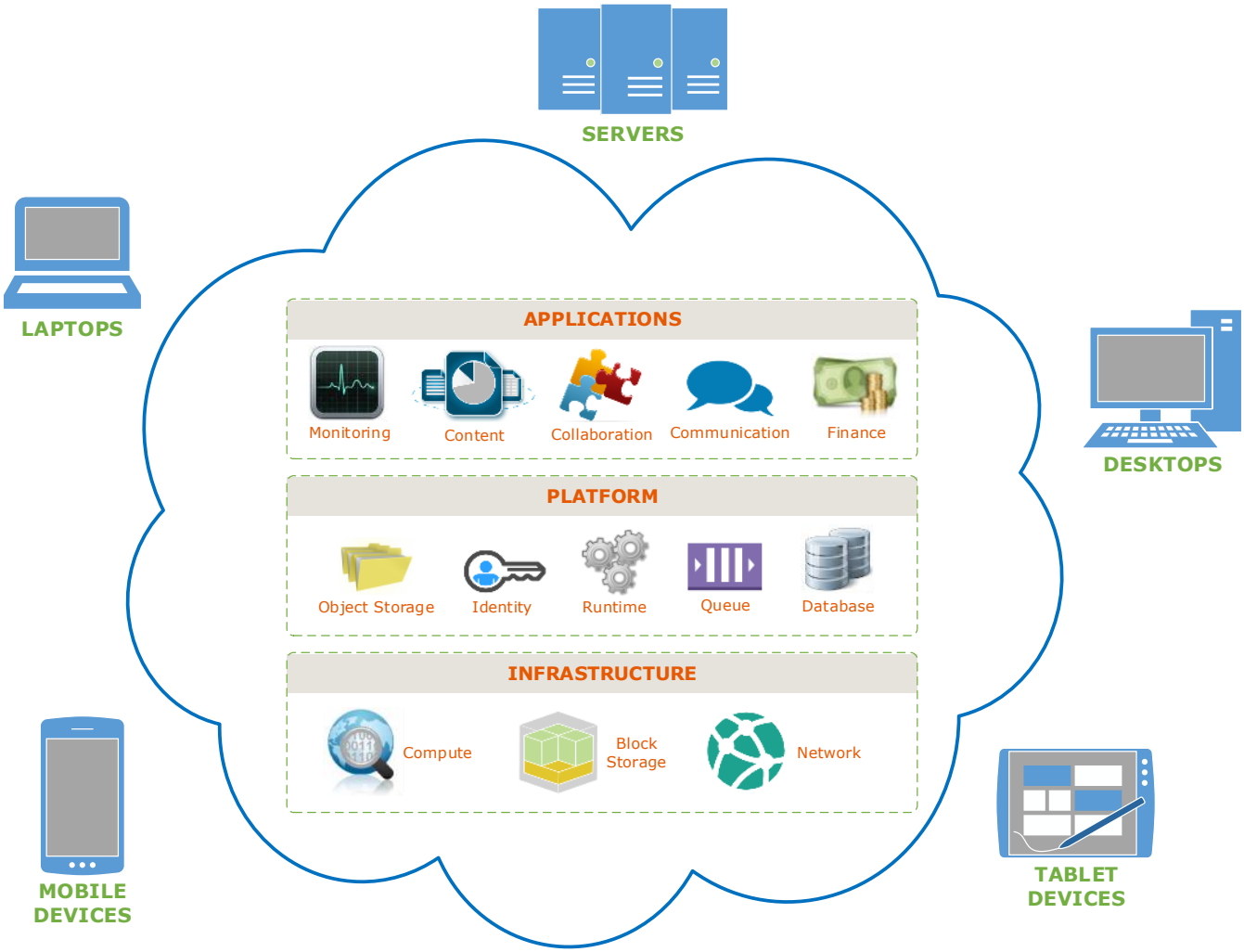
Know the right Cloud Service for your Business?

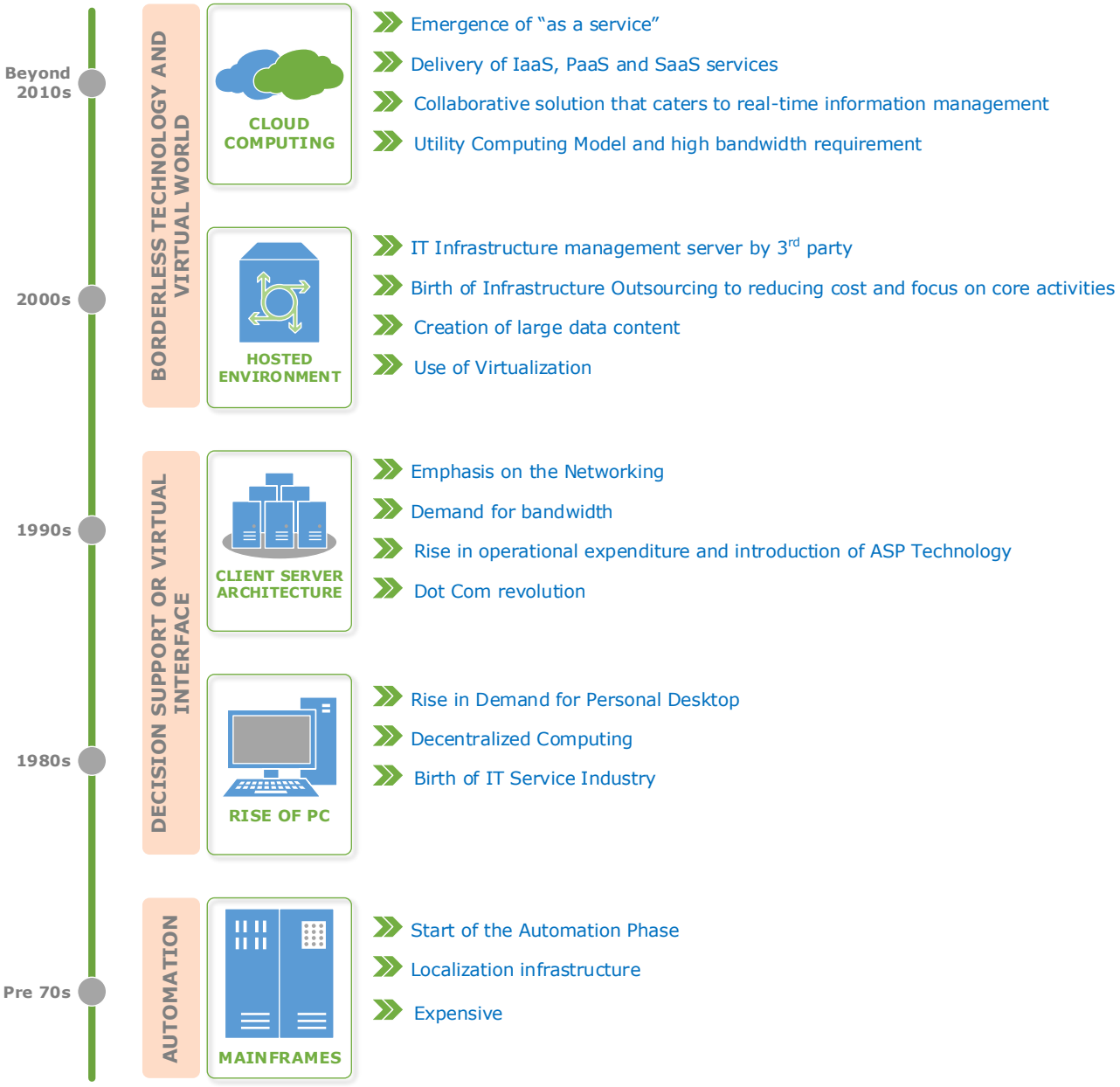
Snapshot of Cloud Service

Cloud services defines a robust computing methodology which provides scalable and elastic IT related capabilities in the form of "as a service" for you (the customer) via latest Internet technologies.

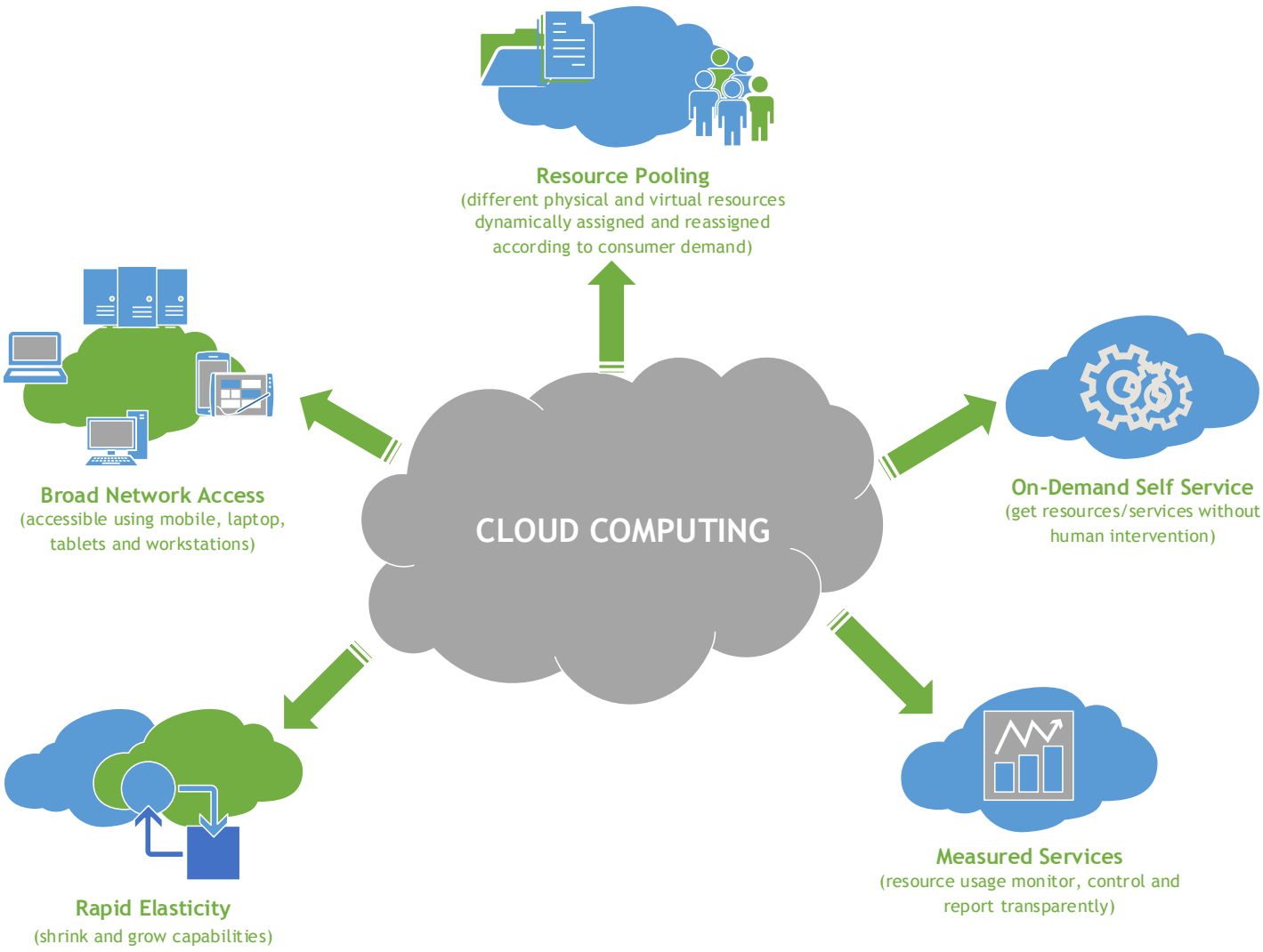
Cloud computing also acts as the platform for enabling suitable, on-demand network access to a shared environment along with the configurable computing resources such as networks, servers, storage, applications and services. These services shall minimize your management effort or service provider interaction.



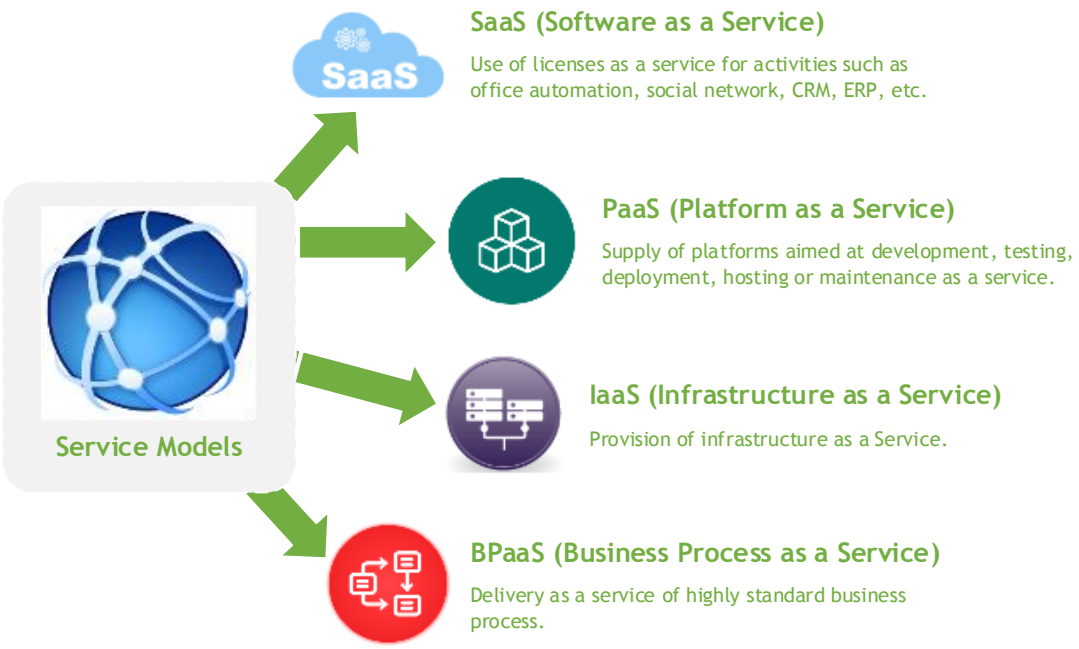
Evolution of Cloud Computing



Basic Characteristics of Cloud service



Service and Deployment Models



SaaS (Software as a Service)

Use of licenses as a service for activities such as office automation, social network, CRM, ERP, etc.

PaaS (Platform as a Service)

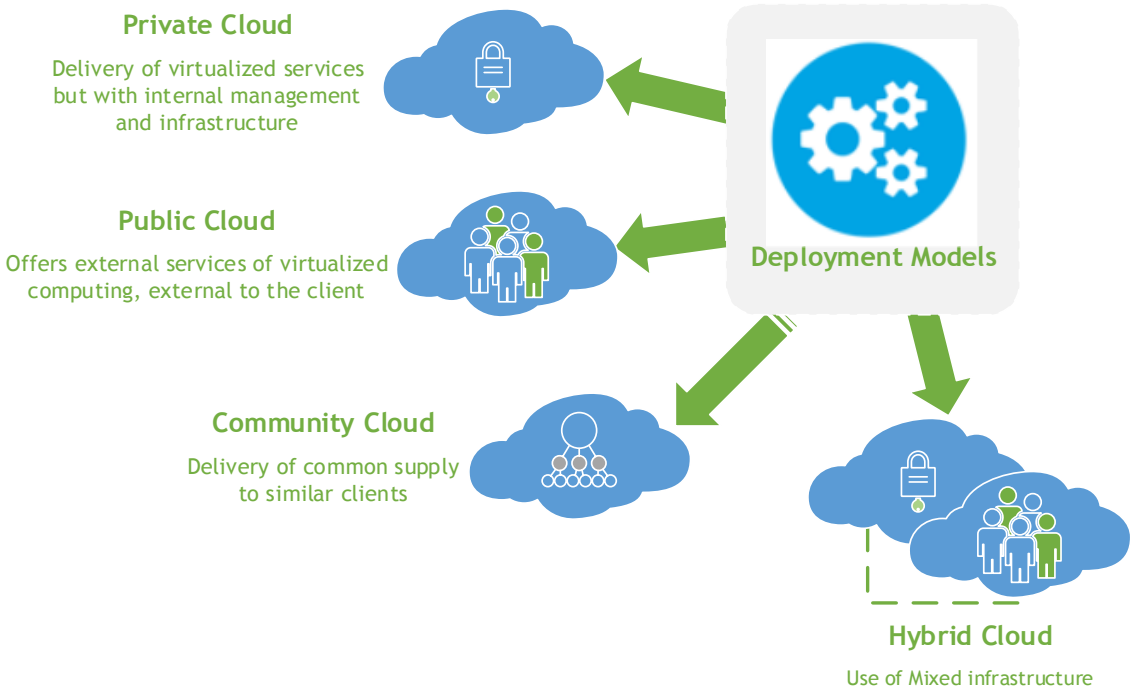
Supply of platforms aimed at development, testing, deployment, hosting or maintenance as a service.

IaaS (Infrastructure as a Service)

Provision of infrastructure as a Service.

BPaaS (Business Process as a Service)

Delivery as a service of highly standard business process.



Private Cloud

Delivery of virtualized services but with internal management and infrastructure

Public Cloud

Offers external services of virtualized computing, external to the client

Community Cloud

Delivery of common supply to similar clients

Hybrid Cloud

Use of Mixed infrastructure

Cloud Service Providers (sample list)

Amazon Web Services

AWS acts as key player in the IaaS market which allows the users to host back-ends of their applications. They can also shift to virtual desktop space with Amazon Workspaces through which the user can rent virtual desktop running in AWS.

Microsoft Azure

Azure boasts for the services such as predictive analytics, private storage and disaster recovery services.

Google Drive

Drive offers unlimited cloud storage in combination with the Google Docs tools which allow the users to create or edit the documents online. Google drive is compatible with iOS, Android, Windows and OS X.

Box

Box focus on the enterprise user's cloud storage and offers 10GB of space for free. It also provides workflow engine which automates the transmission of documents and files as well as the document user's revision history.

DropBox

Dropbox is a file hosting service operated by Dropbox, Inc., that offers cloud storage, file synchronization, and client software.

Citrix

Citrix plays the vital role in virtualization rather than just as simple hosted workspace. It also provides hosted applications, secure mobile device management and secure file sync and share services.

VMware

VMware services also acts as virtualization player. It provides remote desktop capabilities to allow users to run typically Microsoft operating systems like XP, Vista or Windows 7 within virtual environment hosted on a server somewhere.

Choose the right Cloud Service for your Business

1

Analysis your needs

Choose the service provider according to the type of cloud service needs, i.e., suppose if you are looking for online file storage, go for Dropbox which support online document, photo and video storage. Else Intuit QuickBooks for online account management or Salesforce for online customer relationship management (CRM). In case of cloud service need for IT networking infrastructure, can avail service from IBM SmartCloud Enterprise, Amazon Web Services, etc.

2

Price Structure

Try choosing the provider who cost you for what you use to avoid paying large upfront costs. The cloud services pricing scheme may be as pay-as-you go or with add-on type. These payments shall be charged hourly, monthly, semi-annually or annually. The pricing for cloud computing services shall vary from as low as about $1 per month per user to $100 a month per user and up.

3

Data Security

Security in the cloud computing shall be the major consideration as you are storing your company's critical data in the cloud. Check for the cloud provider who provides standard security measures such as firewalls, anti-virus detection, multifactor user authentication and data encryption and routine security audits.

4

Data Center Security

The location and security of the data centers and servers where your company's information will be stored are as important as online security. Check how the cloud vendor protects its data center from natural disasters, including fires, floods, earthquakes and storms. Also, find out how the facilities are protected from thieves who could walk away with your sensitive data.

5

Data Loss

Check how the cloud provider resolves the critical aspects such as accidentally deletes or loses your precious data and rectify the problem. Also walkthrough the service provider's Service Level Agreement (SLA), compensation for losses, data redundancies, risk mitigation, etc.

Choose the right Cloud Service for your Business (Contd...)

6

Customer Support

Select the cloud service provider who provide support rather than just exception but also technical support via online or by phone 24 hours a day, every day, including holidays. Inquire on the response and resolution time by interacting with knowledgeable engineers or customer service agents via online chats.

7

Scalability

Your Cloud storage needs shall increase with your business growth. Also check whether the cloud provider is flexible on the additional storage capacity, user addition, add-on services and rates.

8

Downtime

Check for the cloud provider who has less downtime to enhance disruptive business.

9

Configuration

Check for the support and assistance provided by the cloud provider right from dashboard, managing account, adding users, settings, etc.

10

Accessibility

Choose the solution which allows you to access your business information in the cloud from anywhere at any time via the web simply by signing in to your provider's client login page. You can use any device to log in including laptop, smartphone or tablet.

Cloud Solution offerings by OptiSol

Cloud Computing is redefining way IT services and in some cases even Business services are delivered and consumed. Moving to cloud is no longer a choice and it has become necessity. There are a plenty of Cloud based solutions for different IT and business requirements. Optisol specializes in enabling cloud services for a variety of business and technology requirements.

Optisol uses state of the art technology in building IT products in SaaS (Software as a Service) delivery model. These solutions are developed on multi-tenant architecture employing Amazon Web Services, Microsoft Azure and Google Cloud Platform. Our technology prowess in cloud platform enabled our clients to fully utilize the cloud computing like Platform as a Service and Storage as a Service.

- Custom Development of SaaS products with multi-tenant architecture on PHP, .NET & JAVA platforms
- Application development on Microsoft Azure, Google Cloud &Amazon Web Services
- Deployment of Custom Applications on Amazon Cloud Server &Rackspace Cloud Server
- Employing Content Delivery Networks (CDN) for Hosting or Delivering Content for high availability &scalable portals