

CLOUD 9
INFOSYSTEMS

TECHNOLOGY EMPOWERING
BUSINESS™

Cloud 9 Infosystems, a recognized leader in cloud computing, offers innovative solutions to enable businesses to harness the power of cloud computing to reduce operational costs. Cloud 9 Infosystems' expertise is in building innovative solutions and working on leveraging the public and private cloud paradigm to solve complex customer scenarios.



Cloud 9 Infosystems, Inc.™

Our goal is to grow your business and scale without raising the cost of your fixed investments at a disproportionate scale.

Many companies like yourself have invested heavily in building their own private datacenter, virtualizing it to maximize hardware utilization. We can take this a step further by optimizing your infrastructure for software applications and leveraging elasticity based on application demands.

We assess your current needs and investments and then recommend a private, hybrid or public architecture that will maximize your current investments by extending your enterprise and utilizing the new architecture now possible with advances in technology. Our proprietary assessment, architecture and implementation methodology enables you to reduce your total cost of ownership as a percent of growth and enables you to see a faster return on investment. We can help you accelerate your product cycle with best practices from many years of industry experience.

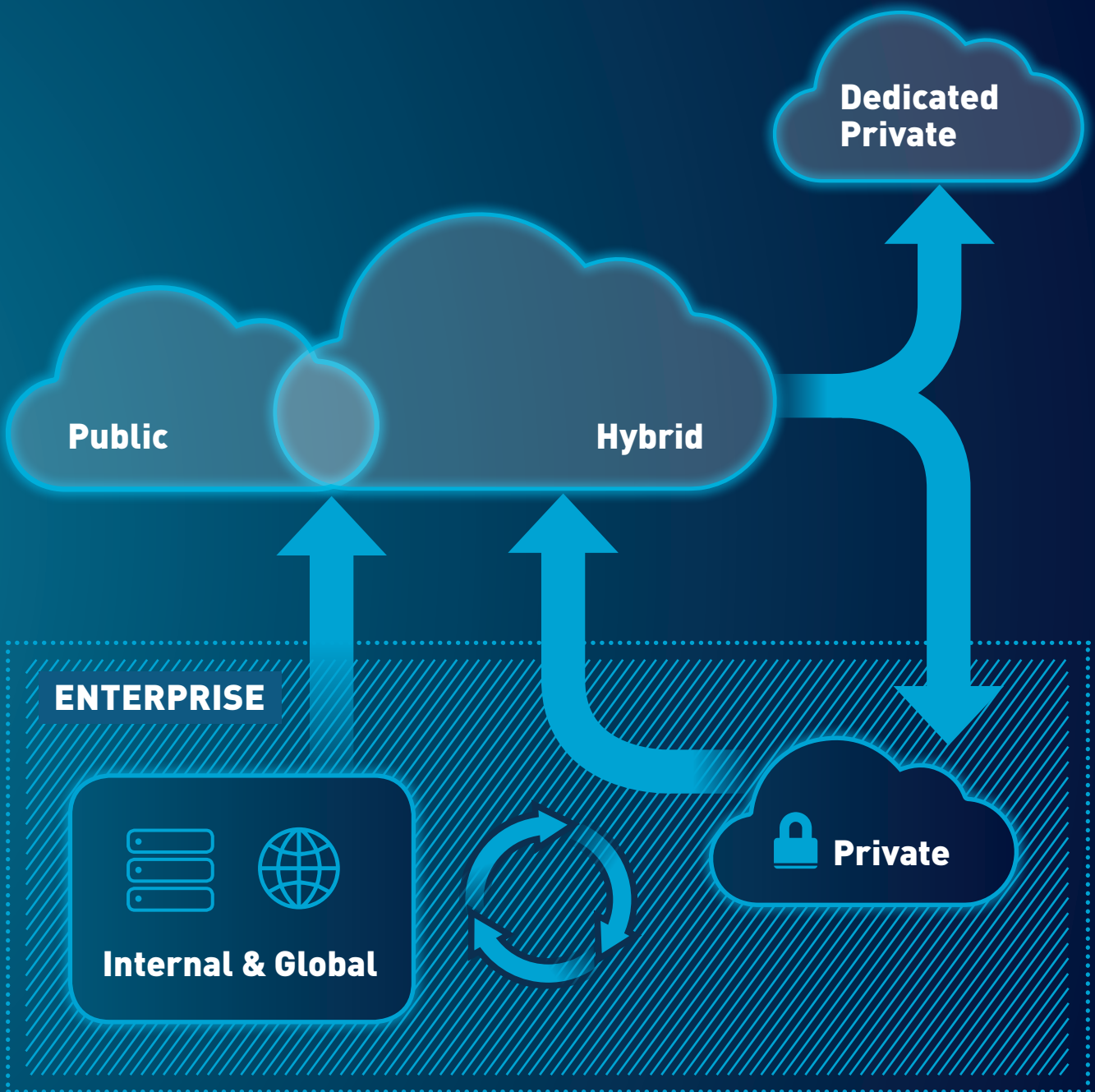
EXPERTISE



- Strategies for design, integration and migration of applications to the cloud
- Applications and tools for cloud management
- Managed services for the cloud
- Business intelligence
- Enterprising resource planning and CRM applications



CLOUD TYPES



TAXONOMY

✓ You Manage ● Managed by Vendor

	Traditional	IaaS	PaaS	SaaS
Application	✓	✓	✓	●
Data	✓	✓	✓	●
Runtime	✓	✓	●	●
Middleware	✓	✓	●	●
O/S	✓	✓	●	●
Virtulization	✓	●	●	●
Servers	✓	●	●	●
Stage	✓	●	●	●
Networking	✓	●	●	●

- Empower your business through technology
- Find the cloud service best suited to your business
- Find the best strategy to move to the right cloud service



WHY MOVE TO THE CLOUD?

- 1 Imagine having Dev/Test/QA/Staging environments available when needed.
- 2 Imagine retiring your old on premises machines and using “pay as you go” virtual machines in the cloud.
- 3 Imagine speeding up your development/production cycle because you will not have to wait to procure hardware or datacenter rack space.
- 4 Imagine using the same Microsoft management tools your staff already knows on your environment in the cloud.
- 5 Imagine being able to scale within minutes, not weeks or months.
- 6 Imagine having 99.95% uptime 24/7/365 for all your customer facing applications.
- 7 Imagine reducing your capital expenditures and moving to “pay as you go”.
- 8 Imagine having an unlimited secure scalable storage solution.
- 9 Imagine no more hardware worries.
- 10 Imagine more time to work on your enterprise applications and keep your customers satisfied.





MOBILITY + CLOUD 9

In today's 24/7/365 business environment mobility is not just an option but a requirement. Customers and colleagues are no longer limited to their desktops or laptops. Smart phones and tablets are key "panes of glass" into your applications. Cloud 9 can help you make your software ready for the mobile landscape.



iOS



Android



**Windows
Phone**

If your organization is already mobile aware, Cloud 9 can help you scale that platform by moving your mobile applications to the Windows Azure cloud. Microsoft's Windows Azure Mobile Services will allow you to move your mobile backend software to Windows Azure and then you can connect to it with the most popular mobile platforms. Yes, you read that right. Microsoft provides Windows Azure mobile SDK's to extend current iOS or Android applications to the cloud!



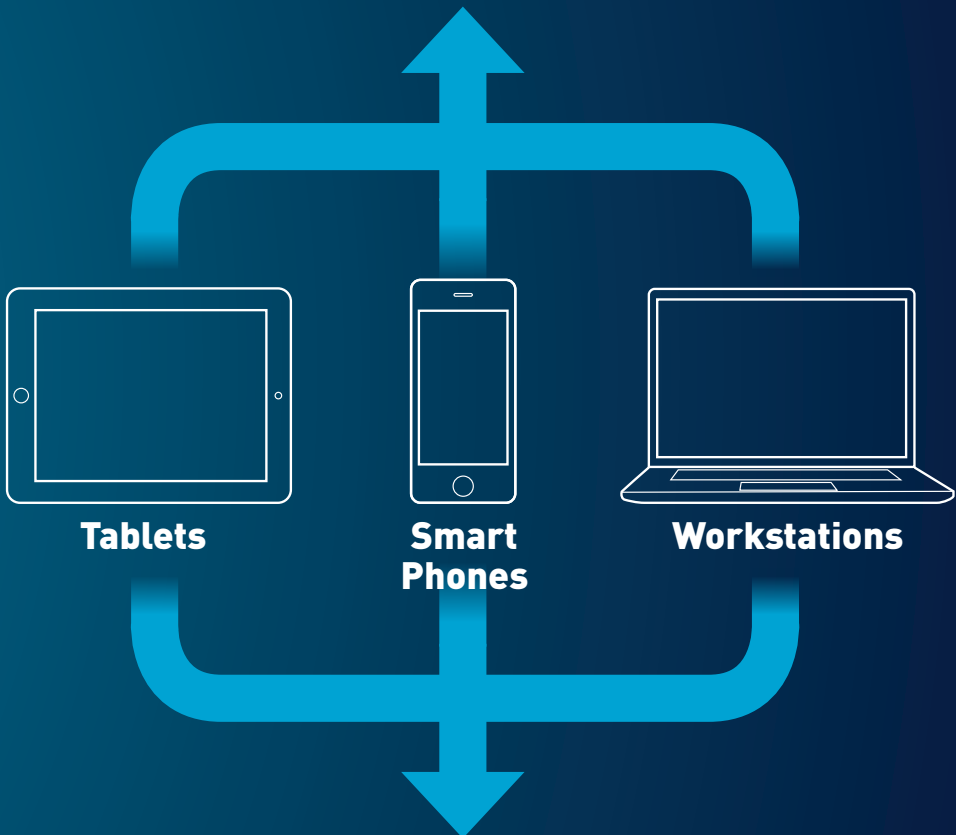
BIG DATA

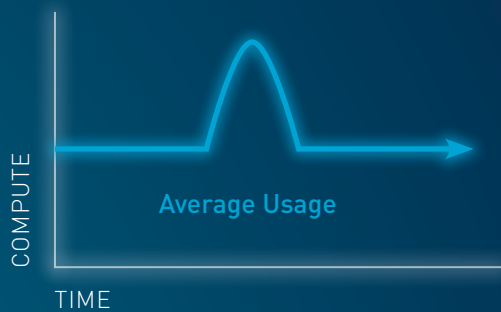
“Big Data” is the hot buzz word in technology today. But what is big data? It is a group of emerging technologies used to get a handle on the data deluge in today’s business environments.

Data is generated in many different formats. Whether it is in RDBMS, Excel, raw text or XML, Cloud 9 can help you gain control of this diverse data overload. The key open technology you are familiar with is Hadoop. This is an open source implementation of a group of tools that implements the map/reduce algorithm. Cloud 9 can help you with bringing Hadoop to your enterprise either on premises or in the cloud.

High Performance Computing (HPC) is a segment of computer science that solves the hard, complex and parallel problems of today’s business, academic or government environments. Up until the advent of cloud platforms, a business would need large clusters of servers to solve HPC problems. Not with the pay as you go model of cloud computing. With Cloud 9 Infosystem’s “pay as you go” model of cloud computing, your enterprise can spin up a cluster of computing resources and elastically scale them to run your complete, intense task. You only pay for what you use and the time you use it. Cloud 9 has consultants with many years of HPC experience from both industry and academia. Writing parallel code is a difficult task. Cloud 9 can help you with the complexity.

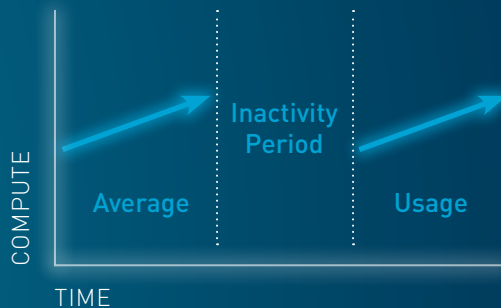






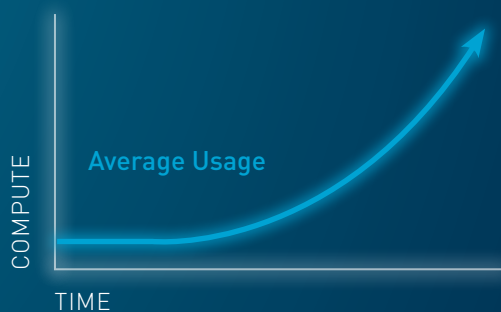
Unpredictable Bursting

- Unexpected peak in demand
- Sudden spike impacts performance
- Can't over provision for extreme cases



On & Off

- On & off workloads (e.g. batch job)
- Over provisioned capacity is wasted
- Time to market can be cumbersome



Growing Fast

- Successful services needs to scale
- Growth is big IT challenge
- Cannot provision hardware in time
- Can't provision storage fast enough

ISSUES TO CONSIDER

Cloud Solutions

Is your business best suited to a public, private or hybrid cloud? Do you have an existing datacenter? Is your virtualized hardware optimized for application workloads? Is your data secure? Are you ready to maximize your investments to take advantage of current and new technologies, and reduce the cost of upgrades by migrating to a cloud that fits your business needs?

Infrastructure

Is the cost of maintaining your infrastructure and manpower consistently going up? Do you need more data centers to house your growing server population? Are your electric bills increasing with the cooling and compute costs? Do you need more manpower?

Compute

Are you experiencing intermittent spikes in IT resources in your business? Do you need time to understand and build the IT capacity for peak spikes? Do you have global customers you want to service with your application? Do you need hybrid cloud solutions to leverage your existing investment while taking advantage of scale the cloud has to offer?

Disaster Recovery

Do you want a disaster recovery site that is cost effective because you pay only for the capacity you use? Do you need a geographic redundancy service so that your applications can switch from one site to another and still have all your configuration data?



ISSUES TO CONSIDER

Storage

Are your storage needs increasing on a regular basis? Do you need backups/redundancy for your existing storage?

Growth

Do you want to pay a low upfront cost for IT services as you grow your business? Is your IT service set up for growth? Do you see value in extending your enterprise data center on demand? Do you want the benefits of OPEX model versus a CAPEX model?

Security

One of the biggest concerns surrounding cloud computing is security. Is my data at risk in a multitenant environment? All major cloud vendors take security very seriously and have dedicated teams to manage and monitor. In fact the cloud platforms we work with have received ISO9001, FedRAMP Joint Authorization Board certification and PCI certifications. The cloud is secure, scalable and ready for enterprise level workloads.



10 REASONS TO MIGRATE

- 1** Cloud 9 has proprietary Assessment Framework to help reduce IT costs by 35% to 45%.
- 2** Our proprietary IP, built over several years of customer engagements, extends your enterprise to the cloud. Application and tools designed by Cloud 9 ease cloud management.
- 3** We partner with our clients and principal cloud vendors to provide managed services.
- 4** We provide deep understanding of cloud computing concepts, PaaS, IaaS, SaaS, configuration and security.
- 5** We can align your business objectives by migrating applications and IT infrastructure to the cloud.
- 6** We train your staff on best practices for expanding to the cloud.
- 7** We can help your team scale on large complex enterprise projects.
- 8** Microsoft alumni architects on staff at Cloud 9 give us a “best of breed” approach to Windows Azure and cloud projects.
- 9** Our goal is to be your trusted advisor and to design the right solution for you. We have a deep relationship with Microsoft and we are also experts at utilizing other major cloud vendors (Amazon, Google).
- 10** Our years of experience makes us confident that we can solve any issues you might encounter migrating to the cloud.





About our Managing Partner: Chetan Malavia

chetanm@cloud9infosystems.com

Mr. Malavia has over 20 years of experience in the IT industry including 11 years with Microsoft as the General Manager for the \$500+M Dynamics National Sales and Operations teams for the United States, Canada, and Latin America. Prior to joining Microsoft, Malavia held senior management positions with United Airlines and was responsible for implementing information systems on Unix and Microsoft Windows platforms. Malavia launched Cloud 9 Infosystems as a global product and services platform, dedicated to providing cloud application tools and services and Dynamics ERP/CRM/BI application services and support for businesses and health care providers.

Under Mr Malavia's leadership, Cloud 9 Infosystems earned Microsoft's "Most Valuable Partner" award for innovative delivery of the Cloud on the Microsoft Windows Azure platform to organizations and customers. Cloud 9 Infosystems was singled out for its successful client engagements and its sales and direct evangelism in helping customers realize the significance of the cloud and Microsoft Windows Azure's vision for the future. Malavia's leadership and commitment to the Azure ecosystem and the Chicago technology community has made Chicago Azure Cloud User's Group one of the most successful in the United States. Malavia is also part of the exclusive Azure Insiders group.



MOST VALUABLE PARTNER