



Your Cloud Journey with Maganti IT

Leverage our decades of experience with some of the world's most complicated IT environments to create your optimal cloud strategy, streamline your IT architecture, and achieve your desired business results.

Re-imagine your cloud adoption with us

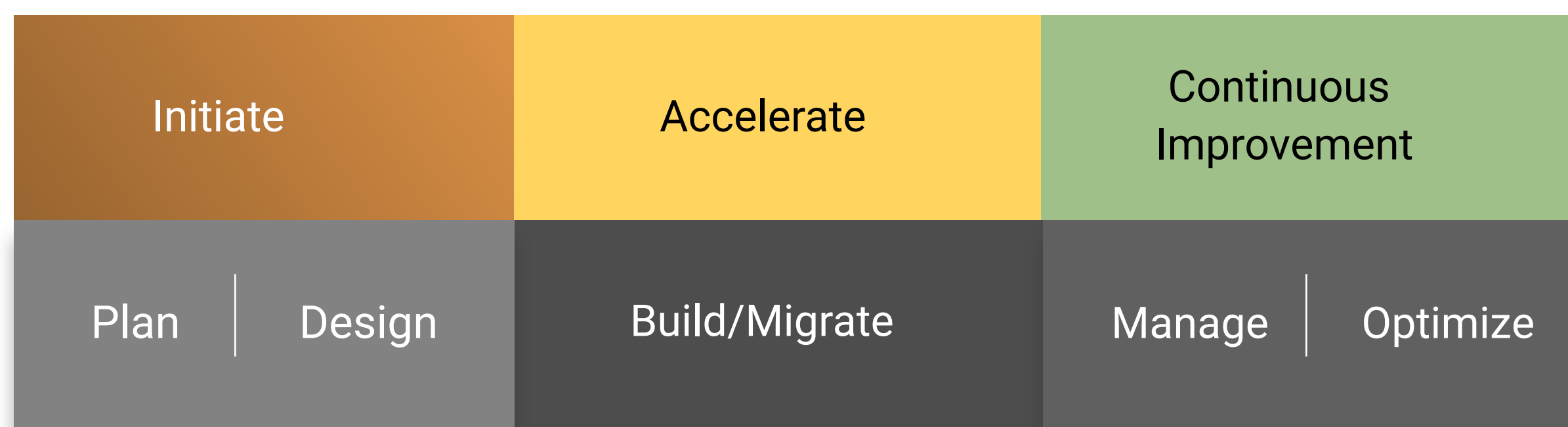
LET'S TALK

Introduction

Each organization's journey to the cloud is unique. To achieve success in your transformation, it's crucial to envision your desired end state, assess your readiness for the cloud, and embrace an adaptable approach to bridging gaps. Whatever point you are at in your cloud journey, Maganti IT can assist with the appropriate services and practical advice to translate your business goals into reality.

Cloud Journey can be divided into major 3 categories.

- **Initiate** your cloud Journey
- **Accelerate/Adoption** of your cloud
- **Optimize** your cloud



Initiate your cloud Journey

A flight operator require meticulous planning and thorough checks before each flight. Similarly, when transitioning to cloud services, it's essential to conduct comprehensive cloud readiness assessments and develop a robust cloud design with experienced professionals.

Careful planning is crucial to avoid the common pitfalls associated with migrating to the cloud without a clear strategy. By aligning your cloud approach with meticulous planning, you can achieve optimal business results, such as increased speed, resilience, and agility.

Right planning is more important than implementation as it is difficult to correct them later.

Have clearly defined business objectives

Before entering the cloud, grasp your organization's business needs and how cloud adoption can help meet objectives.

MIT can help you:

Identify your cloud adoption motivations, such as reducing operational costs, increasing agility, enhancing scalability, or improving disaster recovery.

Choose the right cloud

Choosing the right cloud model is crucial. Organizations can go for public, private, or hybrid clouds based on their specific needs. Public clouds offer scalability and cost-efficiency, private clouds provide control and security, while hybrid clouds combine both. Choose based on your data, compliance, and resource requirements.

MIT can help you:

Evaluate different clouds based on your business needs and help to choose the right cloud type and technology

Finalize cloud landing zone design

A well-designed landing zone in the cloud is essential for secure, efficient, and well-managed environments. It involves defining network architectures, security policies, access controls, and resource placement. This ensures optimal and secure utilization of cloud resources.

MIT can help you:

Evaluate your organization's IT structure, plan and build the landing zone design accordingly so that you can onboard your cloud workloads securely in a scalable manner.

MIT can help in choosing and defining these right.

Another phase of cloud initiation is designing the right computing architecture covering the entire journey right from - requirements and analysis, designing the architecture based on the requirements analysis, evaluating improvements and delivering implementation, and then achieving continuous operations. This needs to be designed considering 6 principles such as reasonable deployment, business continuity, elastic expansion, performance efficiency, security compliance, and continuous operation.

Evaluate and build Organization Readiness

Assessing your organization's readiness for cloud adoption is vital. This includes evaluating your team's skills, cultural preparedness, and willingness to embrace cloud technologies.

MIT can help you:

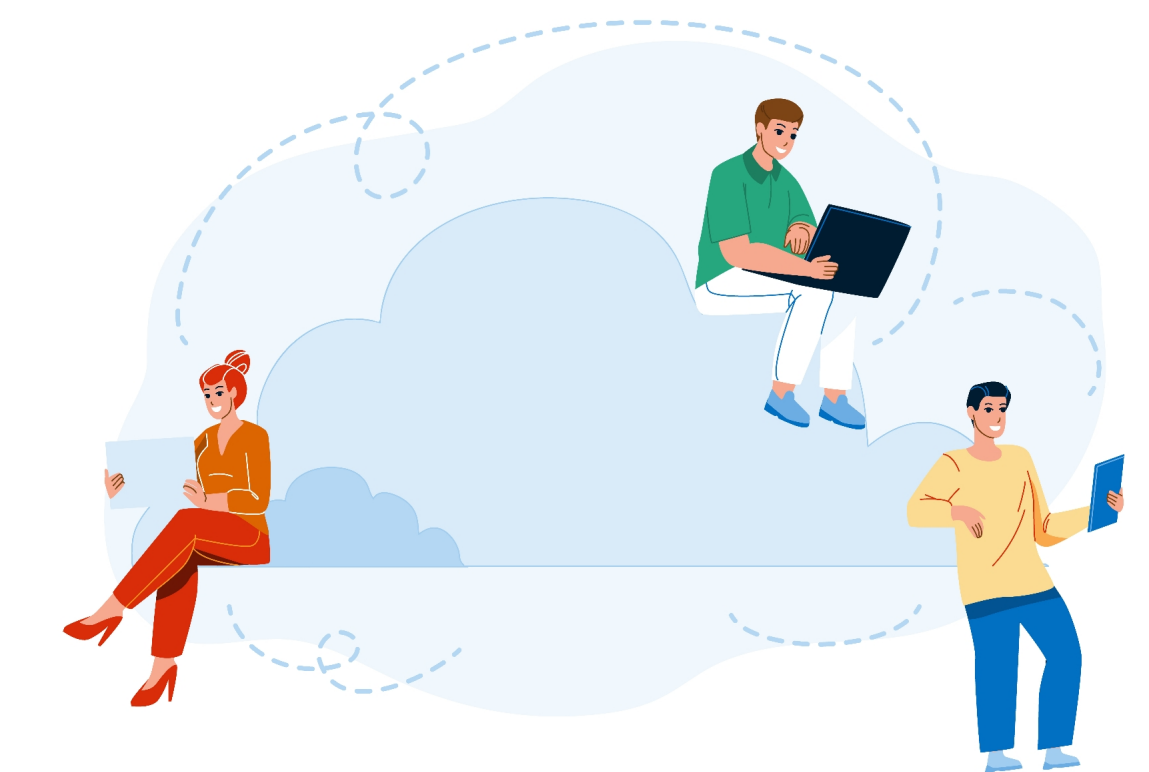
MIT can help you to map to cloud roles and fill the skills gaps so that you are well prepared for same.

Choose the right cloud services

Cloud services vary based on your business objectives. Consider Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and others. Choosing the right services optimizes costs and performance.

MIT can help you:

MIT evaluates workloads, their dependencies, and supporting services. We assist in selecting appropriate compute, storage, network, security, data, AI, and other services as required.



Accelerate your cloud Journey

After capturing your cloud objectives and ensuring that your build and operations teams are well-equipped with governance skills, and your cloud landing zone design is ready, you are now prepared to onboard workloads and embark on your exciting cloud journey.

MIT stands as a valuable resource partner for organizations at the outset of their cloud journey or those seeking to enhance their existing cloud capabilities. Whether you are initiating cloud adoption from scratch, migrating workloads to the cloud, or expanding your cloud infrastructure, MIT can provide invaluable assistance in several critical areas.

1 Infrastructure Elasticity

- Design and deploy flexible cloud infrastructure.
- Helps scale computing resources according to need.
- Ensures cost-efficiency and smooth management of fluctuating workloads.

2 Application Reliability

- Build reliable applications with fault-tolerant architectures.
- This includes distributing applications across availability zones, using redundant components, and setting up load balancing.

3 Service Availability

- Solutions to ensure high availability of cloud services.
- Strategies include redundancy, failover mechanisms & disaster recovery plans.
- These measures aim to reduce any interruption & guarantee business continuity.

4 Agility

- Cloud agility enables fast implementation, scaling, & modification of applications and services.
- Support in DevOps practices and uses automation tools to expedite development, testing, and deployment.
- These strategies result in a quick time-to-market and more flexibility when responding to business needs.

5 Right Security

- MIT can help organizations develop a robust security strategy, including Identity and Access Management (IAM), encryption, security monitoring, & threat detection.
- Expertise in cloud infrastructure and application security to protect against evolving cyber threats.

6 Meet Compliance

- Organizations must comply with industry regulations & standards.
- Guidance for aligning cloud environments with specific compliance requirements, such as GDPR, HIPAA, or PCI DSS.
- MIT can help establish audit trails and controls to meet these standards.

Workloads

Workloads can be of different types and may require different services. These workloads can be either built fresh or migrate from an existing running environment to the chosen cloud. MIT can assist in various aspects of cloud migration and development:

Migration Tool Selection

Right migration tools and methodologies tailored to your specific needs

Migration Execution

Minimal disruptions, data integrity, and efficient resource usage

Cloud Environment Building

Architect build cloud-native environments, optimizing resource usage & scalability.

CI/CD Setup

CI/CD pipelines, aiding in tool selection and integration to automate testing, deployment, and monitoring

Optimize your cloud



Cost Optimization:

Manage and optimize your cloud costs involving:

Cost analysis: Analyze your cloud spending patterns and identify areas where cost savings can be achieved.

Resource optimization: Get strategies for right-sizing resources, leveraging reserved instances, and implementing auto-scaling to match usage with expenditure.

Cost governance: Establish cost control measures, such as budgeting, cost allocation, and cost optimization policies.



Security Optimization:

Security is a top priority in the cloud, and we ensure your cloud environment is secure by:

Conducting security assessments: We perform security assessments and audits to identify vulnerabilities and compliance gaps.

Implementing security best practices: Get guidance in implementing robust security measures, such as encryption, access controls, identity and access management (IAM), and threat detection.

Continuous monitoring: We help set up continuous security monitoring to detect and respond to security threats in real-time.



Performance Efficiencies:

Enhance the performance of your cloud applications and infrastructure:

Performance analysis: We assess your application's performance and recommend optimizations, including database tuning, caching strategies, and content delivery networks (CDNs).

Scalability and load balancing: Get guidance in implementing auto-scaling and load balancing to ensure your applications can handle varying workloads efficiently.

Latency reduction: Reduce latency by optimizing network configurations and selecting the right cloud regions.



Operational Excellence

Get assistance in achieving operational excellence by:

Implementing best practices: We empower you adopt industry best practices for managing cloud resources, deploying infrastructure as code (IAC), and automating operational tasks.

Monitoring and alerting: We set up comprehensive monitoring and alerting systems to proactively identify and address issues.

Training and knowledge transfer: They can provide training and knowledge transfer to your teams, empowering them to manage cloud operations effectively.

Maganti IT: Your Right-sized IT partner of Choice

With over 5 years of experience in cloud platform implementations, Maganti IT has proven to be a valuable partner for clients across a range of industries including manufacturing, entertainment, technology and more. We specialize in guiding both new and seasoned businesses on their cloud journeys, helping them start and expand their presence across various cloud platforms. Explore Maganti IT's major Cloud capabilities below.

- Consulting and Implementation
- Architecture and Design
- Infrastructure Deployment
- Managing Cloud Services
- Advance Services – Migration, Governance, Cost optimization, DevOps, Security etc.

For clients transitioning to the cloud, we evaluate their platform and technologies, educate them on business requirements, and create implementable designs. We assess various cloud platforms, considering business needs, budgets, security, and compliance to guide clients in selecting the right cloud and services.

We assist in detailed design, target architecture, and agile user story development. If you're moving to the cloud or migrating workloads, we use native and third-party tools, integrating with other environments.

Already on the cloud? We optimize your capabilities, reviewing and enhancing your setup for security, compliance, and performance, resulting in cost savings and improved user experiences.

We manage your cloud environment, ensuring safety from internal and external threats, following CIS benchmarks. Our experience includes helping manufacturing clients use Azure for global infrastructure hosting, improving performance and scalability.

At Maganti IT, we support your cloud journey with adoption, configuration, integration, security, governance, DevOps, optimization and automation. We manage your environment with monitoring, alerting, and issue resolution. We address non-functional requirements like disaster recovery, security, performance, and scalability, tailored to your industry and regulations.

Global Clients we've Scaled across 10+ Industry Verticals



The Maganti IT advantage

Your strategic long-term partner

We're committed to your long-term strategic growth with a keen eye on processes, people, technology-ensuring optimization of cost and resources.

Flexible Engagement Model

Off-shore, Onshore and Global centres.
Flexible timings and a diverse team that suit your business needs.

Ongoing updates

Regular updates automatically as per industry best practices
Availability of most current applications always

Personalized solution

Customized technology solution as per business demands

Increased agility

Ability to scale up solution as per future requirement

Other Services

Technology Development

- Application Development
- Mobile App Development
- Cloud Computing Services
- Database Services
- Operation and Maintenance

Technology Staffing

End-to-end staffing service to IT companies by finding top talent to meet enterprise-specific needs

Technology Training

Service Strategies that can help your organization achieve real, measurable results through our structured technical support and services training

Digital Marketing

Full-service digital agency providing customized performance marketing strategies to empower business growth

Artificial Intelligence

Upgrade, Automate your organization with the latest AI/ML capabilities

Industries

- Manufacturing
- Logistics
- Finance
- Entertainment
- Retail
- Small businesses



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