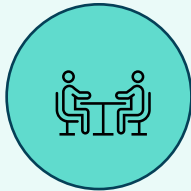




AWS Cloud Services

Mphasis Enhances Your Business with AWS: Scalable, Secure, Highly Available and Innovative Cloud Solutions

Service Portfolio



Strategic Guidance / Professional Advisory

Insights

Strategy

Results

Assess AWS Public/Hybrid Cloud adoption requirements

Identify the present challenges and the rationale behind selecting AWS

Develop a Strategy for Adoption, Outline a Roadmap, and Define Success Criteria

High level deployment Architecture and Proof of Concept (POC)

Cloud Managed Services

Evaluate the existing AWS infrastructure and identify areas of improvement

Role of a Managed Service Provider

Identify Opportunities for Automation

AWS Cloud-Adoption-Framework(CAF)-Review

Assess the current environment according to AWS best practices

Recommendations Based on Policies and Guidelines

Compliance and Patch Management Advisory

TCO Comparison/Cost Analysis

CapEx/OpEx and ROI Analysis

Cost Optimization Assessment

Comprehensive Recommendations for Cloud Workload Optimization



AWS Cost Explorer



AWS Cost and Usage Report



AWS Config



AWS Firewall Manager



Amazon Inspector



AWS Migration Hub



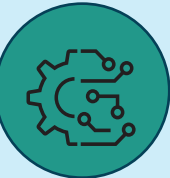
AWS Trusted Advisor



AWS Directory Service



Discovery and Mapping



Roll out & Divestiture (M&A)

Transform

Accelerate

Modernize

Migration & Merger, Carveout Greenfield/Brownfield Setup

AWS Workload Migrations, EC2 Instances, WorkSpaces, Storage, and Enterprise Applications

Hybrid Cloud: AWS Outposts, Hyper-V, VMware Cloud on AWS, and AWS SMS

Database and Storage Migration Utilizing Mphasis Accelerators

AWS Landing Zone Setup

Build AWS Cloud Solutions According to the Well-Architected Framework (WAF)/Control Tower

AWS Organizations

IAM: AD, RBAC, MFA

Business Continuity and Disaster Recovery(BCDR)

Design HA using EC2 Auto Scaling, EC2 Placement Groups, Availability Zones (AZs), and Regions

Failover design, replication, data resiliency, and defining RTO & RPO

AWS Disaster Recovery & Backup , and Third-Party Tools such as Zerto

Modernization

Migrating to Cloud-Native Services such as AWS Lambda, ECS, and EKS.

Integration of CI/CD pipelines with DevOps practices

Data Modernization using AWS services such as RDS and Aurora



AWS WorkSpaces



AWS Outposts



VMware Cloud on AWS



Elastic Load Balancing



Amazon S3



Amazon EKS



Amazon Route 53



VPN Connection



AWS Direct Connect



AWS Identity and Access Management



AWS Database Migration Service



AWS Server Migration Service



VMware HCX

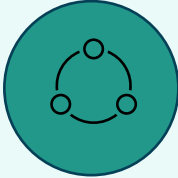


Customized and Scalable Model
Domain Expertise



Mphasis Empowers Your Business with AWS: Scalable, Secure, Highly Available and Innovative Cloud Solutions

Service Portfolio



Hybrid Infrastructure Managed Services

Transition

Governance

Delivery Excellence

Infra Lifecycle Management	Data Protection	Observability	Automation
Using IaC for provisioning, managing, and deprovisioning cloud solutions	Backup solutions with AWS Backup and third-party backup tools	AWS CloudWatch, CloudTrail, and X-Ray for monitoring and tracing.	AWS CloudFormation, Terraform and AWS CDK.
Platforms, Database, Middleware, Storage & Backup & Containers administration	DR using AWS Disaster Recovery and third-party cloud-native tools	AWS Kinesis services and alerting,	AWS OpsWorks, Systems Manager, Code Pipeline and CodeDeploy
ITSM via InfraGene, along with patching and continuous service improvement	Data Encryption at Rest and In-Transit, Data Integrity checks	AWS CloudWatch Dashboards and AWS Inspector	AWS Lamda and Step Functions, Auto Scaling and Elastic Load Balancing





FinOps on AWS

Inform

Optimize

Operate

Visibility and Transparency	Budgeting and Forecasting	Governance and Policy	Optimization and Efficiency
AWS Cost Management and Cost Explorer.	Setup Budgets, Monitor and Alerting	AWS Config for standardization and accounting	Capacity Planning and Dynamic Scaling
Resource Tagging, Cost Allocation and Chargeback	Forecast based on Historical Data	Cost Monitoring and Notifications	Leverage AWS Reserved Instances
Customized AWS Dashboards	AWS Cost Management and AWS Trusted Advisor	FinOps Training and Prompt Reviews	Leverage AWS Savings Plans, License Manager and BYOL.



Customized and Scalable Model
Domain Expertise





- DevOps Services Competency
- Security Services Competency
- Financial Services Competency
- Migration Services Competency
- Cloud Operations Services Competency
- Travel & Hospitality Services Competency



- Public Sector
- Solution Provider
- Select Tier Training



- AWS Glue Delivery
- AWS Lambda Delivery
- Amazon MSK Delivery
- AWS Config Delivery
- Amazon Connect Delivery
- Amazon DynamoDB Delivery
- AWS Control Tower Delivery
- Amazon API Gateway Delivery
- Amazon EC2 for Windows Server Delivery

- 2000+** AWS Engineers
- 1400+** AWS Accredited Engineers
- 610+** AWS Certified Engineers
- 240+** AI / ML Algorithms on AWS Marketplace
- 70+** Engineered AWS Cloud Foundations
- 30+** Accelerators & IP assets across cloud lifecycle adoption
- 6** AWS Competencies
- 11** Service Delivery Programs

Brief History with AWS

- **Acquired Stelligent – DevSecops firm in 2018**
- **Pipeline Factory Launch- 2018**
- **Audit Manager Launch Partner-2019**
- **Airline Data Platform Launch -2020**
- **Built on Control Tower Partner - 2020**
- **AWS Channel team formed - 2021**
- **Migration Competency -2021**
- **Solution Provider Program-2022**
- **AWS ProServ Preferred Partner Program – 2022**
- **Cloud Operations Competency - 2023**
- **Security & Infrastructure, Modernization**
- **In Flight –Mainframe Migration, Data, AI/ML Competency**
- **SCA for Financial Services**



INPUTS



Infrastructure Inventory

In Scope
apps &
Mapping

Design &
planning
workshops

Cloud

License

LZ via
IaC

Approvals

Mig Team

Tools and
Access ability

ACTIVITIES

Discovery &
Assessment

Design & Planning

Infrastructure
Readiness

Migration

Decommission

- Discovery of Infrastructure elements including Servers, network, Backup, Storage components, Tools, etc.
- Application mapping & Dependency Analysis
- Risk & Gap Analysis

- High/Low Level Design
- Architectural Design documentations
- Wave Group Planning
- Data Center Design
- Migration & Validation Checklist
- Risk Mitigation Planning

- Cloud subscription procurement guidance & readiness
- Landing zone deployment using IaC - Identity, Backup, Observability, Disaster recovery, Security elements, management services and Core Infrastructure services

- Pre-Migration Activities
- VM Migrations based on the Wave group planning
- Perform Rehost (lift & Shift) of the workloads
- Post Migration Activities
- Enablement of HA & DR
- Testing & Validation

- Asset Identification for decommission
- Validation of Migration
- Secure Erase of the Data
- Disposal of asset
- CMDB updation

OUTCOME

- Comprehensive Inventory Report
- Dependency Matrix for Apps
- Migration Strategy inputs
- Identified Risks & Gaps
- Capacity Planning

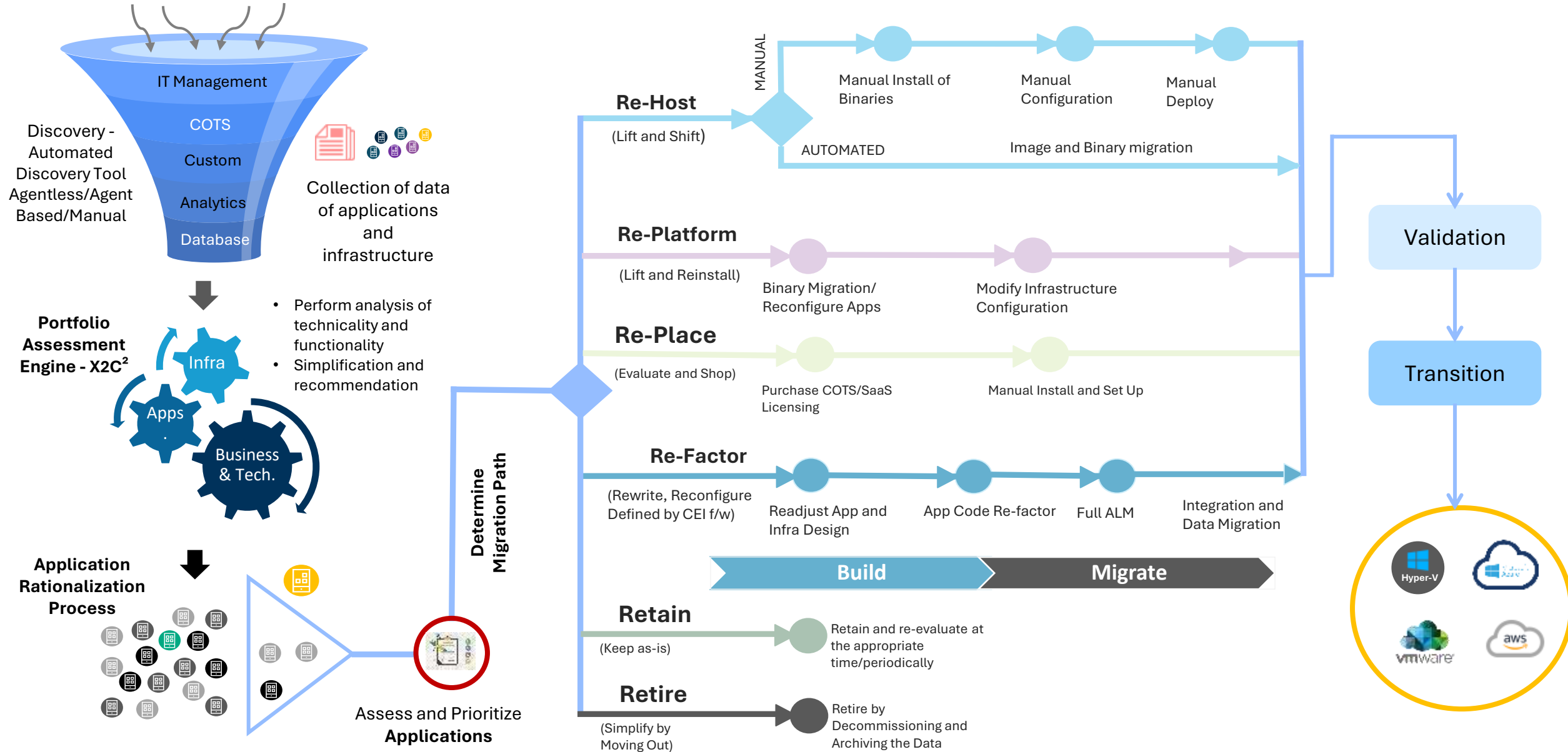
- Detailed Migration Plan
- Tools Selection for Migration
- Timeline based Wave Mapping
- Compliance & Security policies documented

- Infrastructure Readiness for Migration
- Secure and Operational N/W environment
- Security hardening enablement

- Migration Success
- Validated & documented environment
- Smooth Handover to BAU

- Accurate CMDB
- Availability of freed-up licenses
- Industry standard security & compliance adherence
- Successful exit of old DC

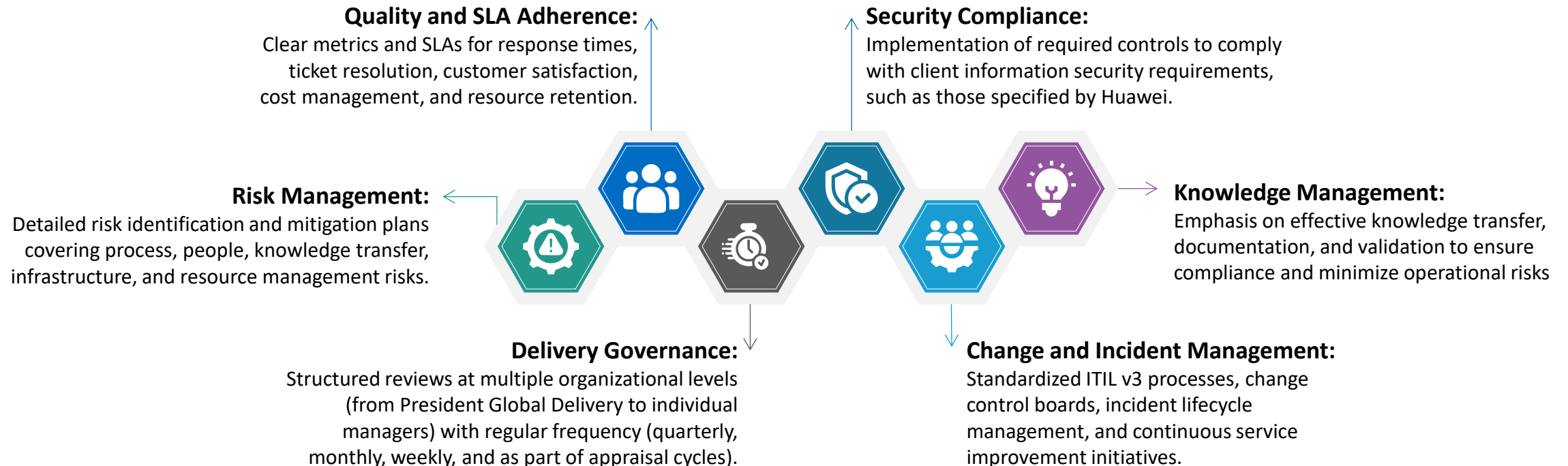




Mphasis Compliance Management Practices

Mphasis has industry-wide experience in developing technology solutions, developing safety-critical applications, streamlining IT infrastructure, and is accredited with ISO 9001, Cyber Essentials, CMMI Level 5. Mphasis has a wide experience working with different government bodies in the UK. Our work with the Public Sector organisations helps them align with best practices and use Government Digital Service Standards to deliver Digital Services and follow NCSC Cloud Security Principles in all our cloud engagements.

Mphasis demonstrates robust compliance and governance practices through:



Mphasis Compliance Management Practices (Continued)



Certifications Supporting Compliance

ISO 9001:2015 – Quality Management Systems

ISO/IEC 27001:2013 – Information Security Management

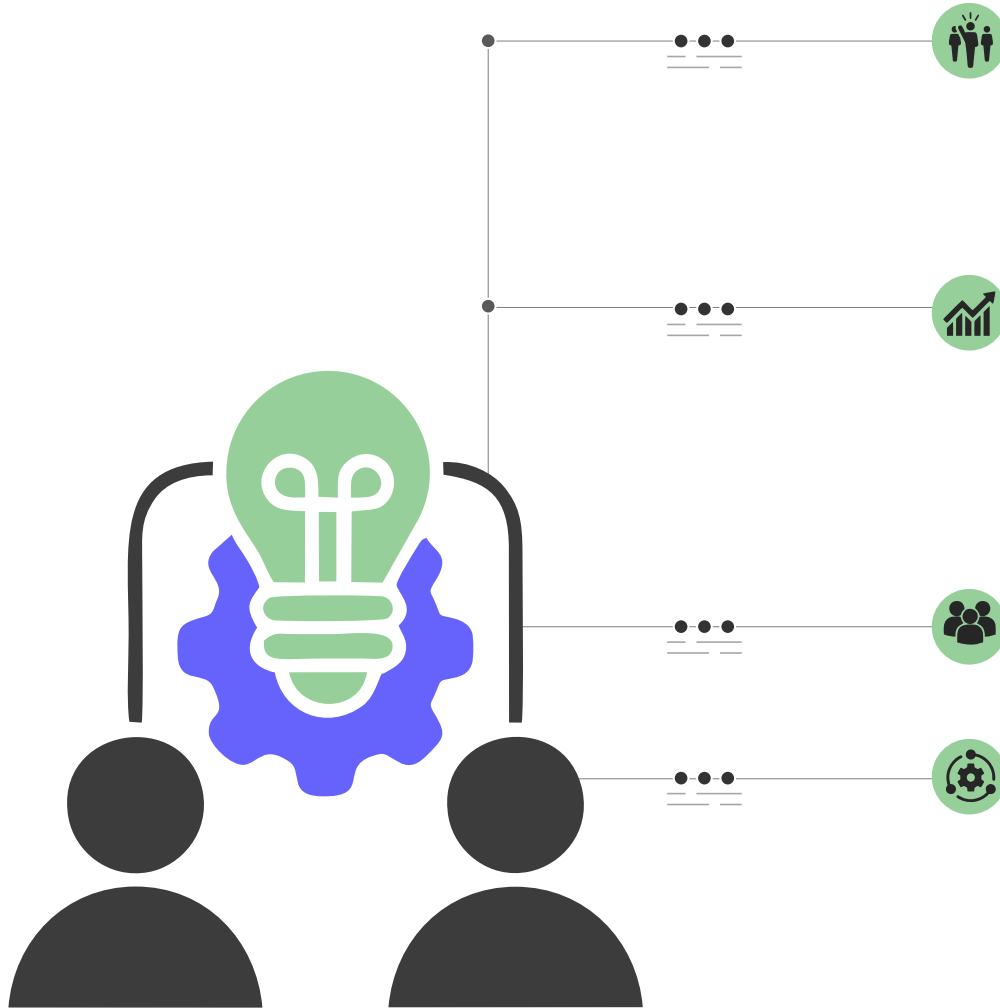
ISO 14001:2015 – Environmental Management Systems

ISO 45001:2018 – Occupational Health & Safety

ISO/IEC 20000-1:2018 – IT Service Management



Skill and Knowledge Transfer at Mphasis



With our experience and quality engineering thought leadership, Mphasis will work with buyers to establish a fit-for-future knowledge transfer plan powered by Cognitive solutions. It will bring people, process, technology, and innovation to deliver mature testing services with continuous improvement and build in-house capability to fulfil the fit-for-future roadmap.

We have designed and developed a web-based learning experience system called “TalentNext” as a one-stop destination for Learning and Development initiatives. Curated and graded courses aligned with immediate and upcoming business requirements are hosted on TalentNext and available to all learners. The platform also includes skill training development for candidates from disadvantaged groups. To date, 30k+ learners have been onboarded on TalentNext.

Mphasis employs a structured, role-based knowledge transfer (KT) framework to ensure seamless transition and minimal disruption to business operations.

The process is supported by dedicated transition management teams, digital dashboards, and proprietary AI-based tools for knowledge mining and assessment.



Further Information: For more information about our G-Cloud services, please contact our Public Sector Team at [mpphasisukps@mpphasis.com](mailto:mphasisukps@mpphasis.com)

