



 Billion Dollar Company

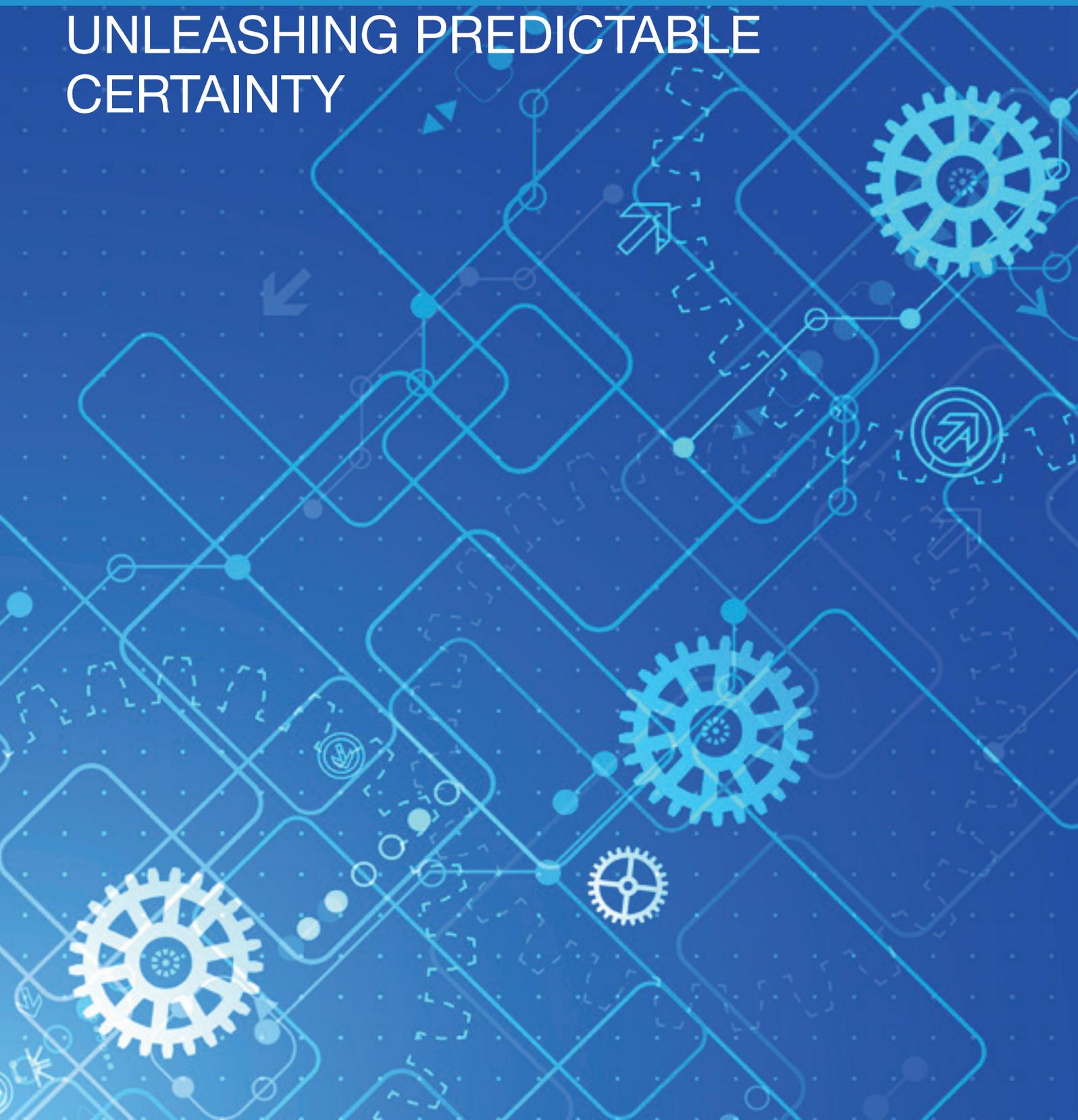
 Global Service Provider

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APPLICATION INFRASTRUCTURE & MIDDLEWARE SERVICES

UNLEASHING PREDICTABLE CERTAINTY





Overview

The worldwide Application Infrastructure and Middleware (AIM) software market is growing at a rapid pace. As an enabler of service-oriented architecture, AIM has successfully established itself and is increasingly evolving as a base technology for big data, analytics, and mobile technology along with Cloud computing market.

Trends & challenges



Digital transformation: There is a significant shift in focus towards mobile application integration due to digital transformation. More and more organizations are undertaking infrastructure transformation to stay relevant in the era of digitalization.



Increased complexity: The complexity of managing & implementing middleware has gone up with organizations increasingly preferring multiple platforms to power their IT estate.



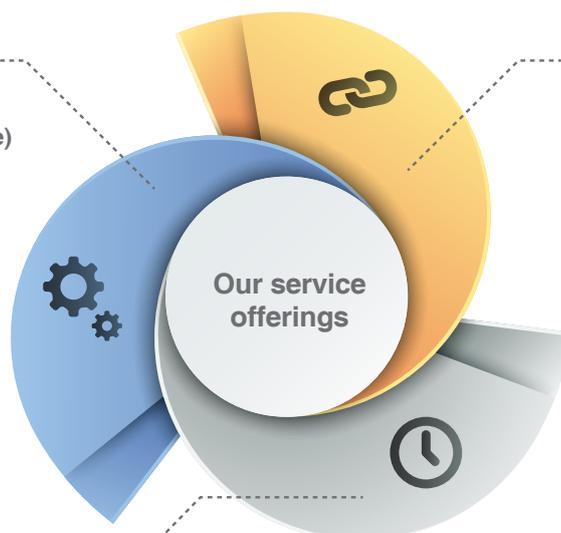
IoT/Cloud readiness: The emerging third-platform technologies including Cloud, Mobile, and Internet of Things (IoT) have given a new dimension to middleware. The focus now is on industry best practices, improving the alignment of IT, and synchronizing resources.

How Mphasis helps

Mphasis, provides Middleware services to build, upgrade and manage BAU IT Infrastructure for global clients; creating business value by delivering benefits, optimizing time, cost and resources.

Middleware Migration Service (Cross Platform and Open Source)

- Migration from OEM vendor products to Open Source products
- Migration from one technology to another
- Migration from OEM OS platforms to Linux



Middleware Build/Upgrade/Patching service

- New environment build from scratch
- Upgrade products to current level
- Supported Technologies: WebSphere, Weblogic, MQ, MB, TIBCO, Apache, JBoss, IIS, BO, Oracle Application Server, Tomcat, Active MQ

Managed Middleware BAU service

End to end management of Middleware IT infrastructure involving incident, change and problem management with round the clock support with leverage delivery model and on call support

The ecosystem of tools that is built around the core framework helps you effectively manage your middleware environment



DeployMe:
75% reduction in application deployment time



ConfigCrawler:
Utility for faster discovery of existing configuration; helps improve migrations speed by 40%



MWDoc:
Self-healing tool for housekeeping checks of middleware estate



AutoMoWe:
Automated scripts for faster and error free execution of configuration migration

Success stories

Mphasis helps a large financial services company based out of the US in upgrading their middleware platform

- Business not able to utilize advanced features provided by latest product levels
- High hardware and OEM vendor support cost
- Requirement to have Single Sign On (SSO) implemented across all the environments
- End-of-life and Vendor support challenges

We started the engagement with a thorough assessment of the existing environment and Mphasis ensured faster and error free execution through the use of our automation artifacts. The scripts were customized to eliminate platform specific dependencies and created parallel environments for lower downtime.

- Improved application performance response time by 40%
- Reduced overall implementation time by 33%

Client



Problem Statement



Solution Provided



Business Value Delivered



Large multinational German automotive manufacturer brings aboard Mphasis to consolidate and optimize their middleware environment

- High licensing and support costs due to its diverse technology environment spanning across a variety of proprietary platforms
- Critical IT infrastructure operations in Singapore with operating cost more than \$15 million per annum

Mphasis provided the client a cost effective cross platform migration solution and facilitated moving their data center from one vendor to another for cost optimization. A new platform was built and new servers deployed along with the design data, configuration and security set-up.

- Outage free and error free migration process
- Significantly reduced OEM vendor license fees for client

The Mphasis advantage

At Mphasis we help meet your Middleware service requirements that help integrate digitization with emerging technologies like Cloud and Mobility. We ensure that data is protected and the environment runs smooth post implementation. We offer Middleware Migration service (Cross Platform and Open Source) & Middleware Build/Upgrade/Patching service offerings aligned to your business road map.



With over **30,000** Middleware instances, more than 180 trained and skilled resources Mphasis comes with deep technical expertise to help you sail through the transformation journey to new technologies



Round the clock support with leveraged delivery model and on call support which keeps your environment up and market ready



Our vendor agnostic solution approach helps avoid lock-in and keep the infrastructure **agile and flexible**



Rich **domain specific Middleware transformation experience** across numerous industries

Middleware Services

Unleashing Predictable Certainty



Challenges

- Adapting to changing technology requirements
- Leveraging automation to reduce operating expenditure
- Improving time-to-market
- Increasing choice of hardware/software, peripherals
- Leveraging Cloud to improve cost efficiencies

Mphasis Middleware offerings



Automate your daily Middleware layer health checks through MWDoc, a homegrown self healing tool

Our automation objects

- DeployMe**
75% Reduction in deployment time
- ConfigCrawler**
40% Effort saving in the discovery phase
- AutoMoWe**
20% Faster and efficient migration

Success stories

Client	One of world's seven 'super-major' Oil & Gas companies based in the UK	Client	Leading automobile company based in the US
Challenges	<ul style="list-style-type: none"> High hardware & OEM costs Premium support cost for extended support for older version 	Challenges	<ul style="list-style-type: none"> Middleware infrastructure overload issues Frequent restarts causing high downtime
Mphasis solution	<ul style="list-style-type: none"> Comprehensive assessment and migration roadmap Proof of concept in the test environment Automation for faster and error free execution 	Mphasis solution	<ul style="list-style-type: none"> Proposed migration plan based on impact analysis Business logic driven application disintegration Reconfiguration of critical modules
Result	<ul style="list-style-type: none"> 40% application performance improvement 33% reduction in overall implementation time 	Result	<ul style="list-style-type: none"> 70% reduction in overall incidents Optimization of vendor license costs

Our depth

- 20+ Middleware technologies managed
- 300,000 Number of Middleware instances managed
- 180+ Certified and trained resources
- 80+ Number of Middleware management innovations rolled out in past 2 years

About Mphasis

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized (C = X2C² = 1) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. To know more, please visit www.mphasis.com

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