Mphasis
Unleash the Next
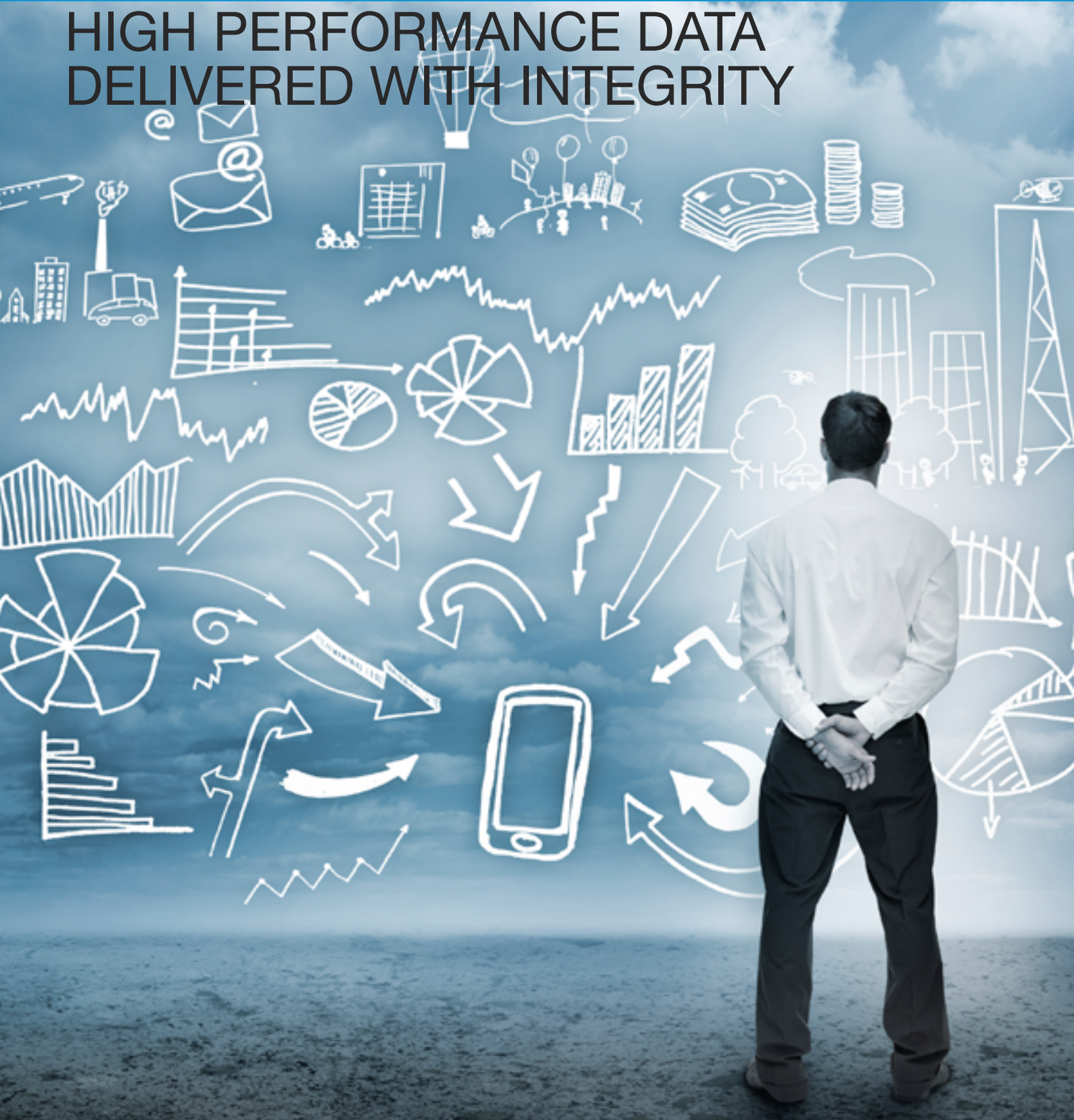
DATABASE SERVICES
HIGH PERFORMANCE DATA
DELIVERED WITH INTEGRITY

Overview

In times when data and data driven decisions have a direct relation to the top-line, bottom-line and share-value of a business, efficient database management systems have become an inevitability and businesses are investing a lot of time and effort in installation and management of these systems.

As the cost involved in traditional ways of data management, network connectivity and product deployment continue to rise, organizations are looking for an efficient system that is reliable, cost-effective and ensures a better end-user experience.

Trends & challenges

Today, more than ever, businesses are driven by data. Use of realtime data has become more and more important for analytics to make crucial business decisions. As the costs around deployment and operation continue to grow, there is an increasing demand for self service and pay per actual policies that comes easy on the pocket.

Database sprawl: The management and maintenance cost associated with a sprawling estate is among the top concerns of IT managers

Turnaround time for deployment: Any delay in database provisioning for an application has a direct impact on the time to market a business

Increasing complexity of database infrastructure: Soaring data results in non-standardized database installation. The resulting complex infrastructure increases vendor related costs for upgrades, patching and EOL (End-of-Life) support

Compliance and regulatory demands: As cyber-threat looms large on the organizations, governments are coming up with regulations mandating organizations to pursue strong and secure data management techniques

Our service portfolio

Database build services
- New environment builds
- DBaaS (Database as a service) enablement services
- Golden Gate & Exadata adaption assistance

Database migration services
- Database Migration/Upgrade factory services
- Database Consolidation services
- Mainframe to midrange migration

Managed operational support services
- Database BAU Support services
- Database Patching services
- Database Security & Compliance services
- Database Performance Tuning services

The ecosystem of tools that is built around the core framework helps you regain control of your database environment:

DbConsole (Automated database provisioning and management console)

- Self-service provisioning, patching and decommissions
- Centralized dashboard for reporting/trend analysis

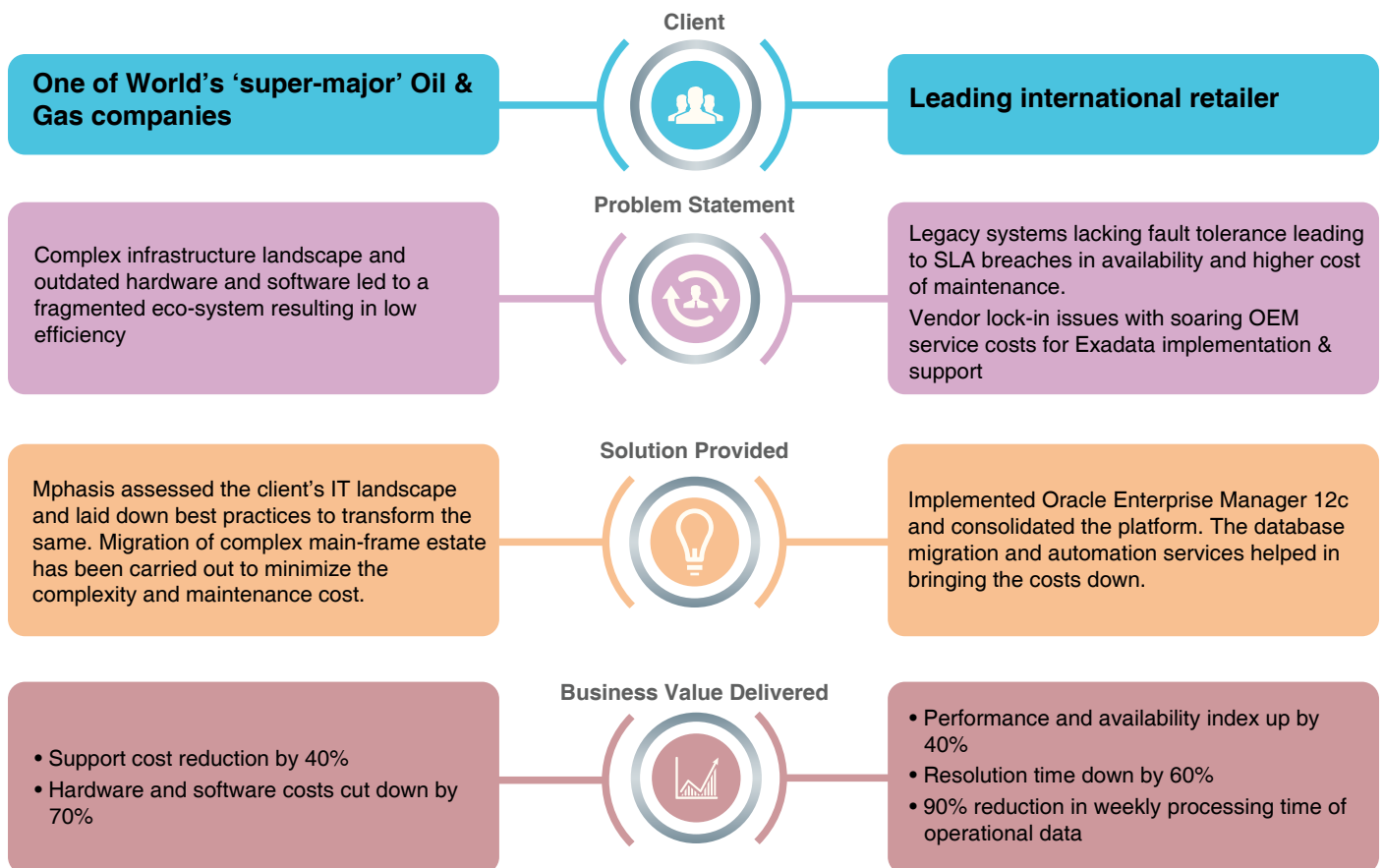**DbGauge (Granular reporting of resource usage)**

- Granular metering of resource usage
- Chargeback rules to ensure business accountability

DbSecure (Database compliance & assessment tool)

- Auto-Detection of security threats
- Improve adherence to standard compliances

Success stories

Client

| One of World's 'super-major' Oil & Gas companies | Leading international retailer |

Problem Statement

Complex infrastructure landscape and outdated hardware and software led to a fragmented eco-system resulting in low efficiency

Legacy systems lacking fault tolerance leading to SLA breaches in availability and higher cost of maintenance.
Vendor lock-in issues with soaring OEM service costs for Exadata implementation & support

Solution Provided

Mphasis assessed the client's IT landscape and laid down best practices to transform the same. Migration of complex main-frame estate has been carried out to minimize the complexity and maintenance cost.

Implemented Oracle Enterprise Manager 12c and consolidated the platform. The database migration and automation services helped in bringing the costs down.

Business Value Delivered

- Support cost reduction by 40%
- Hardware and software costs cut down by 70%

- Performance and availability index up by 40%
- Resolution time down by 60%
- 90% reduction in weekly processing time of operational data

Why Mphasis

One stop shop for a variety of database technologies support spanning an estate of 46,000+ databases.

Expert services to adopt cutting-edge solutions like Exadata, Golden Gate, MS-SQL Always-ON.

Homegrown toolkits and over 70 database automations built around the core framework to regain control of database environment

Solutions for niche databases like IMS, Supra, Adabase, Informix, Progress, and Sybase.

Mphasis DBaaS (Database as a Service) enablement services to manage database lifecycle

Rich domain-specific DBA experience across numerous industries

Database Services
High performance data, delivered with integrity

Challenges

- Soaring data requirements
- Data security risks and cyber threats
- TCO reduction through migration to open platform
- Effective DBA solution
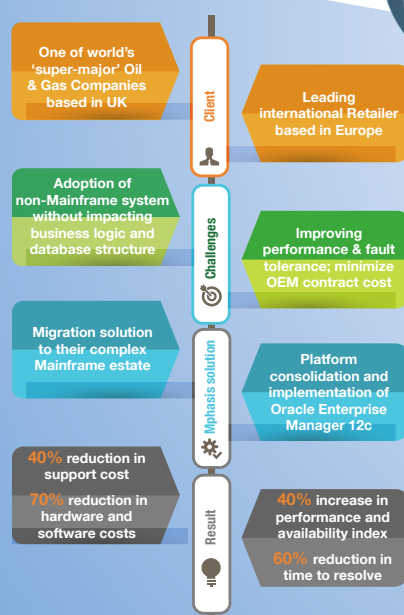- Best in class design patterns for complex needs

Automation objects

- DbSecure - 100% compliance to SOX and PCI standards
- DbDoc - 20% reduction in human efforts
- DbConsole - 80% reduction in database provision time
- iMonDB - 80% reduction in health check efforts

Success stories

Client
- One of world's 'super-major' Oil & Gas Companies based in UK
- Leading international Retailer based in Europe

Challenges
- Adoption of non-Mainframe system without impacting business logic and database structure
- Improving performance & fault tolerance; minimize OEM contract cost

Mphasis solution
- Migration solution to their complex Mainframe estate
- Platform consolidation and implementation of Oracle Enterprise Manager 12c

Result
- 40% reduction in support cost
- 70% reduction in hardware and software costs
- 40% increase in performance and availability index
- 60% reduction in time to resolve

DBaaS enablement
Consolidate, standardize and manage your estate better than ever

Our depth
- **350** trained & certified resources
- **30** clients
- **20** technologies supported
- **2000** successful upgrades
- **23,600** databases managed

Mphasis advantage

1. EDS Lineage - inherited processes, tools and big client governance maturity
2. One stop shop for variety of Database technologies

Core	Niche	DBA replication	Legacy database	High availability	Next-Gen
Oracle, MS- SQL, MySQL, etc	MySQL, Sybase, etc	Oracle Golden Gate, Sybase	DB2, IMS, Adabase, Informix, etc	Oracle RAC, Data Guard, Golden Gate, Oracle Exadata and more	Oracle Exadata, DB Appliances, Big Data-Hadoop

About Mphasis

Mphasis is a global technology Services and Solutions company, specializing in areas of Digital and Governance, Risk & Compliance. Our solution focus and superior human capital propels our partnership with large enterprise customers in their digital transformation journeys, and with global financial institutions in the conception and execution of their Governance, Risk and Compliance strategies. We strategically focus on next generation technologies for differentiated solutions, delivering optimized operations for diverse clients.
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