Data Center Services

One-stop-shop for a multitude of technologies

Overview

Soaring expectations of end-users, demanding customers, innovations in technology and processes all mean one thing - 'explosion of data' putting tremendous pressure on IT infrastructure. To stay relevant in this data-driven age, a data center strategy needs to be agile and flexible so that it can keep pace with ever-changing business priorities.

Trends & Challenges

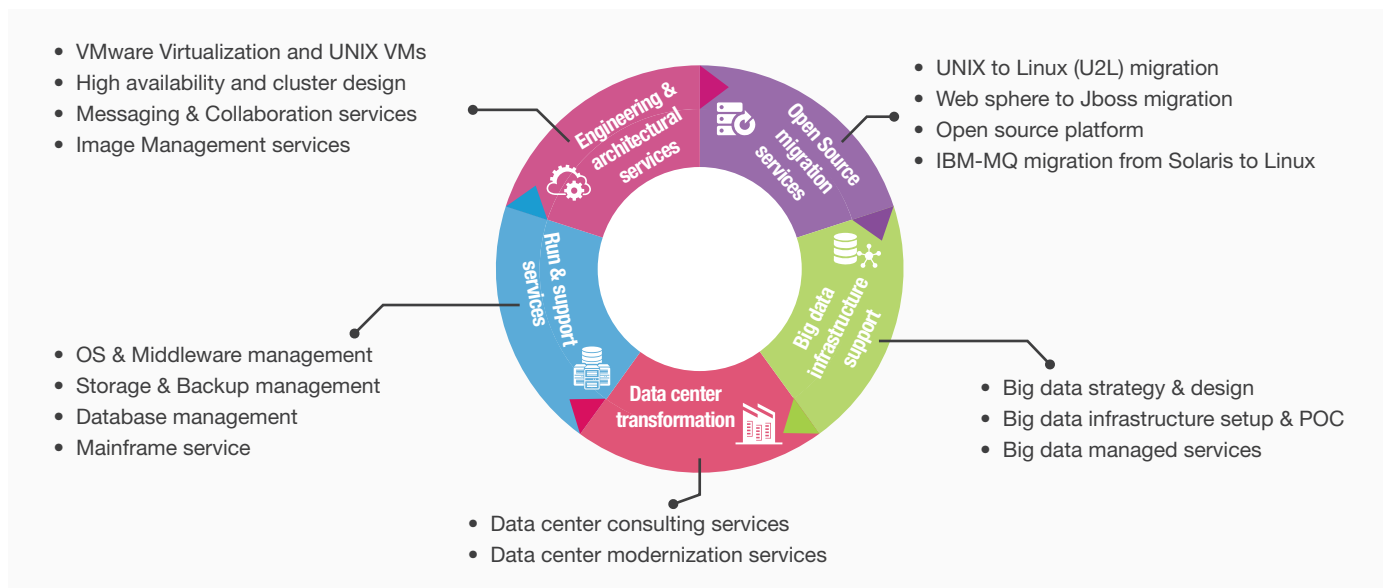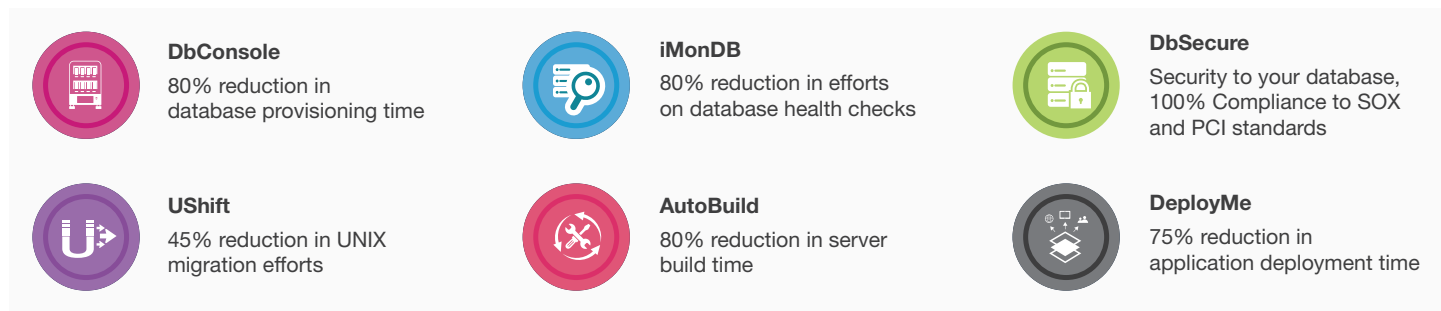|	
Taking advantage of data center automation	Integration of traditional systems with new technologies
Making infrastructure adaptable and scalable	Data center security in the age of Virtualization, Cloud computing and IOT

How Mphasis Helps

Mphasis Data Center services answer these challenges by providing solutions that enable CIOs and data center managers to have high quality and cost-effective services. These services are applicable to a wide range of environments that require comprehensive, consistent and integrated end-to-end management.

Our Database Management team architect solutions based on specific needs and on a variety of infrastructure - physical hardware or a hosted private cloud. Our strong partnerships allow us to provide you with the highest levels of support.

Our Service Portfolio

- VMware Virtualization and UNIX VMs
- High availability and cluster design
- Messaging & Collaboration services
- Image Management services

Engineering & architectural services

Open Source migration services

- UNIX to Linux (U2L) migration
- Web sphere to Jboss migration
- Open source platform
- IBM-MQ migration from Solaris to Linux

Run & support services

Big data infrastructure support

- OS & Middleware management
- Storage & Backup management
- Database management
- Mainframe service

Data center transformation

- Big data strategy & design
- Big data infrastructure setup & POC
- Big data managed services

- Data center consulting services
- Data center modernization services

The ecosystem of tools that is built around the core framework helps you achieve process enhancements and cost savings in the data center management services.
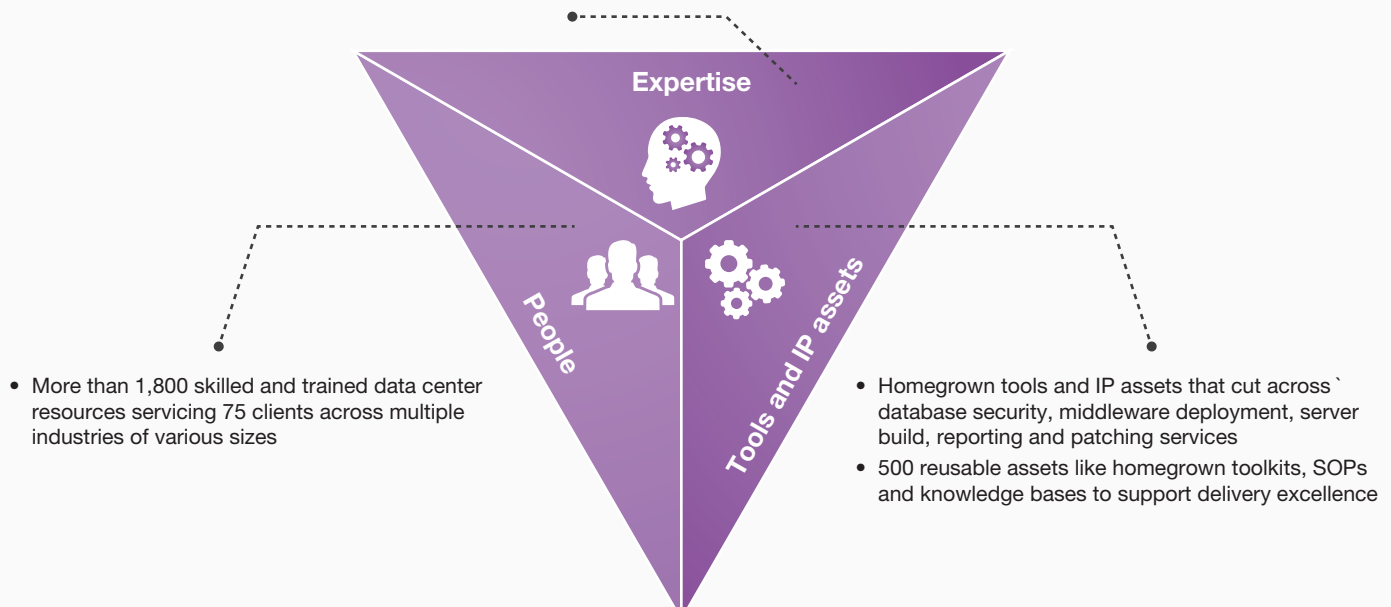
DbConsole
80% reduction in database provisioning time

iMonDB
80% reduction in efforts on database health checks

DbSecure
Security to your database, 100% Compliance to SOX and PCI standards

UShift
45% reduction in UNIX migration efforts

AutoBuild
80% reduction in server build time

DeployMe
75% reduction in application deployment time

Success Stories

Client	One of the world's 'super-major' Oil & Gas companies	Leading automotive company	Leading multinational apparel and sports goods retailer
Problem statement	Complex infrastructure landscape, outdated hardware and software led to a fragmented eco-system, resulting in low efficiency and substandard service.	Poor application performance due to end-of-life support for the OS and hardware.	Large backup failures resulted in monthly backup failure rate go up to 12%. Absence of tape vaulting resulted in increased risk of storing data off-site. Reporting on incident management, problem management and trend analysis was inadequate.
Solution provided	• IT landscape assessment • Best practices to transform the IT estate • Migration of complex mainframe estate	• Migration of legacy systems to RedHat Enterprise Linux servers • Implemented Mphasis best practices ensuring 0% downtime • Consolidated and aggregated the server estate to minimize the maintenance costs	• Performed comprehensive data and backup analysis and identified gaps in backup infrastructure design • Implemented tiered design to reduce backup server load and balancing issues • Audit report identified the 10 major issues and recommended corrective actions
Business value delivered	• Support cost reduction by 40% • Hardware and software costs cut down by 70%	• Reduction in total cost of OS and hardware maintenance by 25% • Improved application and hardware performance with 0% outages	• 100% backup success for tier 1 nodes • Overall backup success improved from 88% to 99% • Improved data recovery success rate through copy process and offsite shipping

The Mphasis Advantage

- One-stop-shop for a multitude of technologies sprawling over an estate of 46,000+ databases, 60 PB of storage estate, 20 PB of back-up estate, 53,000+ servers and 30,000+ middleware instances
- Supporting mainframes of 40,290 million instructions per second for 100+ clients across geographies
- Expertise in cutting-edge solutions including Oracle Fusion, Exadata, Golden Gate, Data Domain, etc.

Expertise

People

Tools and IP assets

- More than 1,800 skilled and trained data center resources servicing 75 clients across multiple industries of various sizes

- Homegrown tools and IP assets that cut across ` database security, middleware deployment, server build, reporting and patching services
- 500 reusable assets like homegrown toolkits, SOPs and knowledge bases to support delivery excellence

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 ($C = X2C^2_{TM} = 1$) 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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