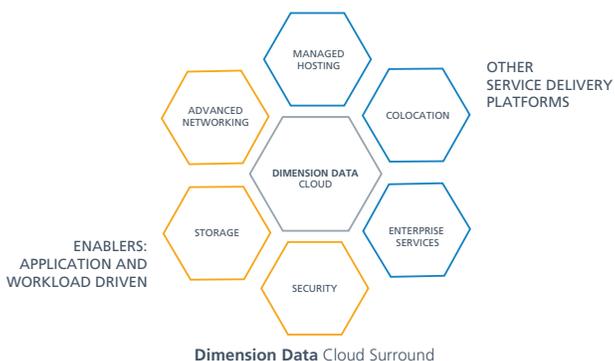# Dimension Data Cloud Surround™

Dimension Data Cloud Surround™

As the preferred cloud destination for enterprise applications and workloads, Dimension Data offers Cloud Surround, a complete portfolio of service delivery platforms and managed services that leverages Dimension Data's deep heritage in networking, storage, security, advanced automation, end-user computing, and mobility.

Every organisation has applications that have been developed for the cloud, or applications that are 'fit to the cloud' through refactoring, redesign or re-platforming, as well as applications that will never move to the cloud. Clients can utilise Cloud Surround to accommodate all application types with managed hosting, outsourcing, co-location, and cloud for a complete path to hybrid IT.

Dimension Data enhances Cloud Surround with market-leading managed security services, global networking and communications, storage, mobility, and end-user computing services to meet IT needs. And, with professional and cloud services, clients can accelerate their transition to cloud with proven assessments and blueprints based on best practices.

With global data centres across six continents, Dimension Data supports multi-national clients with local and proven technical expertise and business teams. Dimension Data offers integrated, multi-vendor solutions from leading partners like Cisco, EMC, Microsoft, VMware, and others for complete services to ensure that clients have the right choices for enterprise applications and workloads.

MANAGED HOSTING

ADVANCED NETWORKING

COLOCATION

OTHER SERVICE DELIVERY PLATFORMS

DIMENSION DATA CLOUD

STORAGE

ENTERPRISE SERVICES

ENABLERS: APPLICATION AND WORKLOAD DRIVEN

SECURITY

Dimension Data Cloud Surround

Cloud Surround — Value and Choice for Hybrid IT

- Offers choice with proven service delivery platforms and cloud services
- Supported by local technical expertise
- Mitigate risk

Dimension Data Cloud – Private, public and hybrid cloud services with OPEX consumption models

The centrepiece of Cloud Surround is Dimension Data Cloud Services. Clients can chose from private, public, or hybrid clouds for enterprise applications and workloads that are 'fit for cloud,' and all in OPEX consumption models.

At the foundation, Managed Cloud Platform (MCP) is a consistent, compute, storage, and networking platform that enables multiple cloud sourcing models for enterprise applications and workloads.

MCP offers a range of options that meet enterprise hybrid cloud service requirements globally including:

- Public MCP – Shared resource cloud infrastructure deployed around the world in our data centres

- Private on-premise MCP – Deployed in a dedicated client data centre, delivering fully managed private cloud services

- Private off-premise MCP – Hosted by Dimension Data, delivers fully managed private cloud services for a dedicated client

- Provider MCP – Deployed in the provider's data centre for the private use of its clients or single client, and delivers fully managed cloud services

Dimension Data Cloud is supported by CloudControl, that enables clients to automate, manage, and govern enterprise applications and workloads with consistency, predictability, and security.

Service Management Platforms include Managed Hosting, Colocation, and Enterprise Services

Managed Hosting – Data centre facility that hosts client applications on their platform and driven by service-level agreements

Dimension Data has vast experience running and supporting enterprise applications in managed hosted environments. Our AppOps and TechOps capabilities offer clients the most current and tested environments for enterprise applications with the highest service level agreements (SLAs). Managed hosted environments let clients put applications where they can cost effectively achieve the greatest performance, and Dimension Data's global network interconnectivity serves as the backbone for managed hosting and cloud services.

Benefits	
Performance	Provides a comprehensive application environment that guarantees performance
Compliance	Supports client compliance and data sovereignty requirements
Expertise	Guarantees optimal system and application performance with AppOps support

Colocation – Data centre facility that rents space, bandwidth, power, cooling, and physical security to organisations to house and run servers, hardware, and applications

By adopting a colocation model, organisations can reduce capital costs as they offload the infrastructure, physical security, and operation responsibility to Dimension Data, making capital expenditures more predictable, and reducing complexity. Colocation is ideal as a service platform for organisations that have many applications that may not need stringent SLA requirements, and are not 'fit for cloud' today. This service platform enables organisations to get closer to cloud for better performance and cost alignment.

Benefits	
Efficient	Reduces capital costs
Performance	Helps clients get closer to cloud for greater performance and cost alignment

Enterprise Services – Outsourcing business processes, application service, and infrastructure solutions for business outcomes that are either on-client site or in hosted data centre, and can be extended to utility services such as software-as-a-service (SaaS) and cloud

Enterprise Services leverage Dimension Data's broad capabilities including consulting and professional services, maintenance, managed services and cloud services to deliver targeted client outcomes. The demand for outcome-based services that require multi-platform, services, and expertise to optimise strategies for clients is unprecedented.

Benefits	
Efficient	Leverages Dimension Data's people, process, technology, and scale to reduce total cost of ownership
Growth	Provides flexible OPEX solutions, enabling clients to transform their infrastructure with no capital outlay
Mitigate Risk	Offers 24/7 proactive, predictive, and preventative performance management of critical applications and infrastructure

Enhanced Cloud Services includes Security, Storage, and Advanced Networking

Security – End-to-end security services and managed security services for cloud and service delivery platforms

Dimension Data is the leading global managed security service provider. Starting with a comprehensive security assessment of clients IT estate and policies, we gain complete visibility into existing and emerging threats and loopholes. With this blueprint, Dimension Data can assist clients with moving workloads from one service platform to cloud services methodically and effectively. Clients leverage Dimension Data's Security Operations Centre (SoC), best practices for multi-layer security and expertise to proactively monitor and support the ever-changing enterprise security needs globally.

Benefits	
Mitigate Risk	Leverages comprehensive assessment for global security blueprint
Efficient	Proactively monitors real-time threat management through one-single pane; no additional hardware needed
Expertise	Extends current security expertise with Dimension Data security professionals, and automated processes

Storage – Cost-effective storage technologies for tiered, cloud, and back up and recovery

Dimension Data continually innovates to offer clients the most effective storage strategies. We optimise storage that aligns cost to the value of information, while enforcing information policies for block and object storage.

We cover a broad spectrum of use cases primary on-premise to off-premise storage to backup and disaster recovery. Our cloud platform is designed to offer multiple tiers of storage that can be assigned to application type, thus considerably reducing total cost of ownership with the option for managed storage service for cloud. Coupled with our advanced networking and security capabilities, Dimension Data's storage capabilities is an enabler for enterprise Hybrid IT.

Benefits	
Business Continuity	Leverages various backup capabilities that enforce business continuity
Efficient	Assigns storage based on application type to optimise spend
Performance	Offers enterprise-grade storage within the cloud or hosted to support diverse business processes

Networking – Driving transformation network technologies for platform performance and security

When considering cloud, enterprises are most concerned about security and performance. Dimension Data is able to extend its network expertise into the customers' IT environment by becoming the one source for network management, monitoring. and maintenance. This single-point-of-contact capability allows organisations to reduce spend as they only need to work with one vendor for end-to-end network requirements. Dimension Data's advanced networking capabilities within the data centre and expertise in extending those into the customer's network environment in the most secure fashion, enables enterprises to realise the benefits of Hybrid IT.

Benefits	
Efficient	Cost optimisation with networking capabilities
Security	Guarantees security networks stack with SLAs
Performance	Optimises the interconnectivity between service platforms and cloud

Component	Description	Benefits
Cloud	The centrepiece of Cloud Surround is Dimension Data Cloud Services. Clients can chose from private, public, or hybrid clouds for enterprise applications and workloads that are 'fit for cloud,' all in OPEX consumption models.	**Agility:** Provides ability to change, rapidly and effectively, to suit changing circumstances **Consumption Model:** Allows move from a CAPEX model to an OPEX model **Expertise:** Leverages Dimension Data's people, process, and global capabilities
Managed Hosting	Data centre facility that hosts client applications on their platform and driven by service level agreements.	**Performance:** Offers comprehensive application environment that guarantees performance **Compliance:** Supports client compliance and data sovereignty requirements **Expertise:** Guarantees optimal system and application performance with AppOps support.
Colocation	Data centre facility that rents space, bandwidth, power, cooling, and physical security for business to house and run servers, hardware, and applications — applications that may not be efficiently run in managed hosting environments.	**Efficient:** Reduce capital costs **Performance:** Lets client get closer to cloud for greater performance and cost alignment
Enterprise Services	Outsourcing business processes, application service, and infrastructure solutions for business outcomes that is either on-client site or in hosted data centre, and can be extended to utility services, SaaS and cloud.	**Efficient:** Leverages Dimension Data's people, process, technology, and scale to reduce total cost of ownership **Growth:** Provides flexible OpEx solutions, enabling clients to transform their infrastructure with no capital outlay **Mitigate Risk:** Offers 24/7 proactive, predictive, and preventative performance management of critical applications and infrastructure
Security	End-to-end security services and managed security services for cloud and service delivery platforms.	**Mitigate Risk:** Leverages comprehensive assessment for global security blueprint **Efficient:** Enables proactive monitoring of real-time threat management through one-single pane; no additional hardware needed **Expertise:** Extends current security expertise with Dimension Data security professionals, and automated processes
Storage	Cost-effective storage technologies for tiered on-cloud and hosted, and back up and recovery.	**Efficient:** Assigns storage based on application type to optimize spend **Performance:** Provides enterprise-grade storage within the cloud or hosted to support diverse business processes **Business Continuity:** Leverages various backup capabilities that enforce business continuity
Networking	Advanced Networking – Advanced network technologies for platform performance and security.	**Efficient:** Optimizes cost with networking capabilities **Security:** Guarantees security network stack with SLAs **Performance:** Optimizes the interconnectivity between service platforms and cloud