

# MCP (Virtual Private Cloud) Overview



# Client Requirements

## ENTERPRISE CLIENTS NEED



An easy to use platform



Meet compliance requirements



Ability to customize the environment



Support when things go wrong

## BUSINESS OUTCOMES



Business  
Agility  
and  
Innovation



Exceptional  
Workload  
Performance



Protection of  
Brand and  
Customer Trust

# PRODUCT PORTFOLIO



## ENTERPRISE PRIVATE CLOUD

Flexible private cloud delivers fully segregated, dedicated compute, storage, and network resources without requiring capital expense, time and skills.



## MANAGED HOSTING & CPNC

Dedicated Physical infrastructure & connectivity services.



## VIRTUAL PRIVATE CLOUD (MCP 2.0)

Highly-secure, shared cloud service with virtual segregation of compute, networking and storage providing unlimited capacity around the globe.



## SAP Services

VPC/EPC customized to meet requirements for SAP certification



## BUSINESS CONTINUITY

Integrated managed backups and snapshots for all workloads in the private and virtual private clouds.

# Drivers for Virtual Private Cloud

Compute, storage, and network resources on demand without requiring long term upfront investment in capital expense, time and skills

**Pay As You Go in Minutes**

Adjust environmental factors to suite various workload requirements for optimal performance

**Customization**

**Mitigate security risks and adhere to compliance requirements**

**Security and Compliance**

Releasing the burden of maintaining, operating and supporting infrastructure to focus on key business initiatives.

**Reliability & Support**

Expand or contract resources as workloads require. Quickly expand footprint globally on a common interface.

**Unlimited Scale**

# Challenges with Public Cloud and Hyper-scalers

*“Public pricing information may not be representative, which can give buyers unreasonable expectations” - 451 Research*

## Complexity

- Lack of skills
- Lengthy certifications
- Hidden costs associated with fragmented features and incremental support
- Service integration – network compute & security

## Standard Offerings

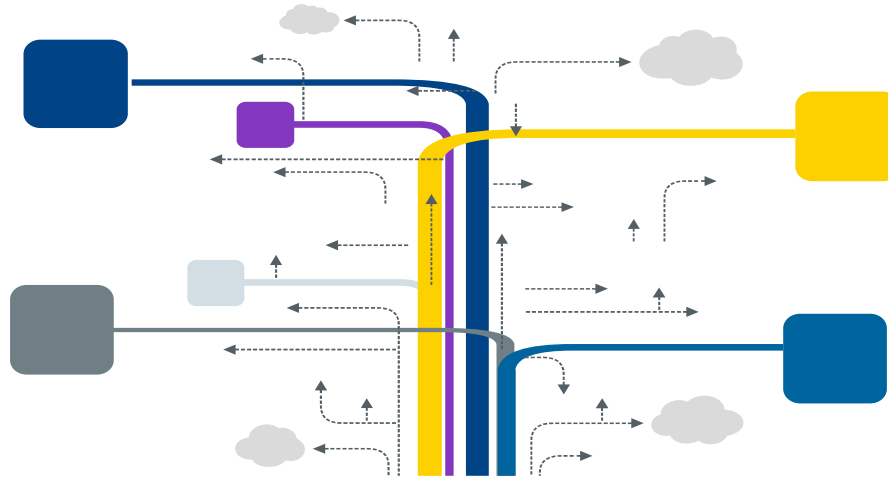
- Difficult or limited customization to meet workload requirements
- Static configurations with lack of flexibility

## Compliance Challenges

- Lack of transparency
- Contractual issues
- Regional & industry requirements

## Limited Support

- Noisy neighbors,
- Lower Service Levels and credit caps
- Greater risk of maintenance outages and data loss.



*“even with access to pricing data, few enterprises have the appetite to translate the requirements into the different metrics used by each provider to charge” - 451 Research*

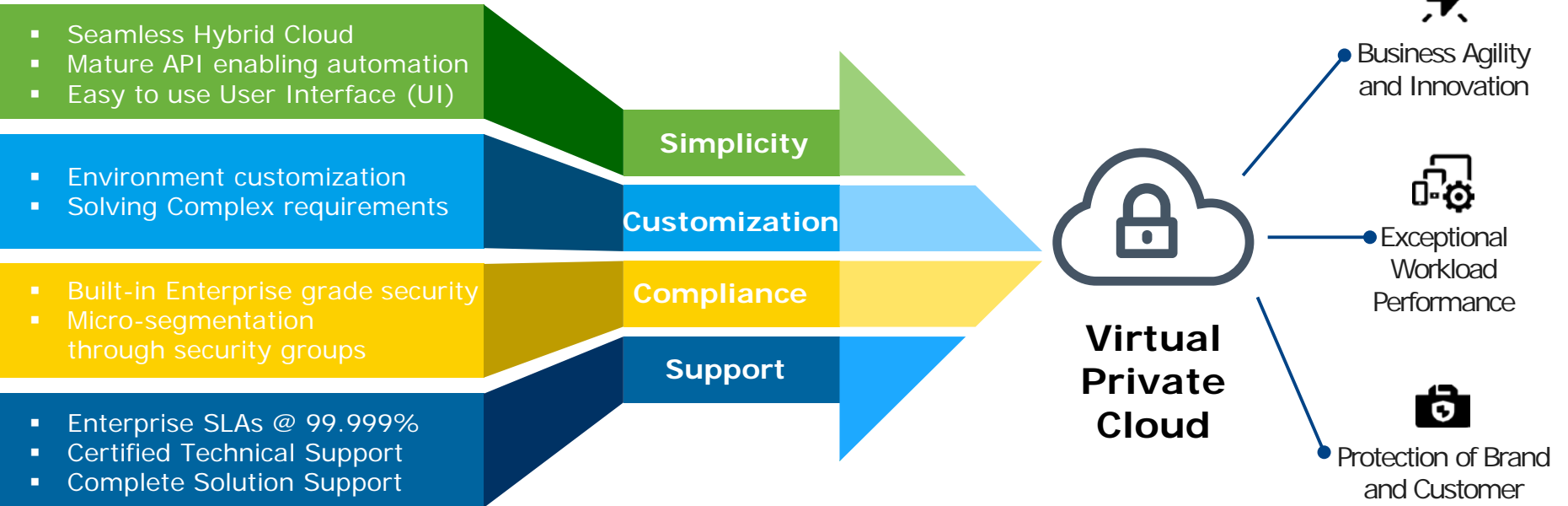
*“despite greater transparency, much of what goes on is kept hidden or obfuscated behind complexity” - 451 Research*



# The Solution

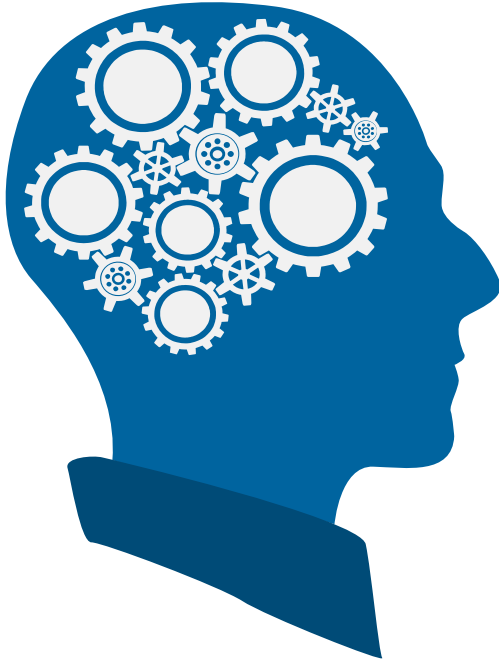
# Virtual Private Cloud

A secure, flexible and customizable cloud environment



# Business Agility and Innovation

Allowing Clients to focus on key business initiatives rather than managing infrastructure



## Scalability

- Access to 13 locations across 5 continents with ability to dynamically scale or reduce resources as needed
- Expand to on-premise, dedicated environments with seamless integration to Enterprise Private Cloud & Global NTT IP network.



## Speed

- Deploy servers quickly onto a secure platform
- Client defined cloud server templates and cloning
- Highly functional and secure resource deployments



## Automation

- CloudControl based orchestration allowing for standard user experience, simple UI and feature harmonization across deployments
- With a mature API, automate business process and workload deployments on demand



# Exceptional Application Performance

Customized environment that can scale as your workload needs



*“Around 40% of IT decision-makers rated performance and cost optimization as challenging, and around 10% said they'd consider paying for professional services to optimize these facets”. - 451 Research*

- Flexible Compute**  
High performance CPU, configurable and faster RAM is coupled with support for virtual appliances to ensure your workloads are running with optimal price and performance.
- Next Generation Storage**  
Flash based arrays with 4 tiers of storage options and customizable IOPS to ensure you have the speed and performance needed to run your workloads.
- Enterprise-grade SLAs**  
99.999% SLA and up to 100% credit cap is coupled with an N+1 architecture, ensure that you have a solid cloud environment for the availability and performance you require.

# Protection of Brand and Customer Trust

Ensuring the Clients meet their security and compliance objective



- + Support for Advanced Security Architectures**  
Robust network and infrastructure security features including microsegmentation, allowing complex client security configurations
- + Compliance**  
Client defined access, management and auditing controls to restrict their environment and monitor appropriately.
- + Ransomware Protection**  
Easy-to-use data protection mechanism with Cloud Server Snapshots, for quick restores at a VM level or specific files ensuring ransomware protection as snapshots cannot be compromised.
- + Beyond Support**  
24x7 email and phone support, plus engineers that will go the extra step to advise on best solutions & facilitate non-standard platform customizations.

*“CIOs like 'one throat to choke' when things are going wrong” - 451 Research*

# Global Availability - MCP locations

13 Virtual Private Cloud- MCP 2.0 locations across 5 continents



Scale your workloads globally on the same platform.

# High Level Overview



## Virtual Private Cloud

