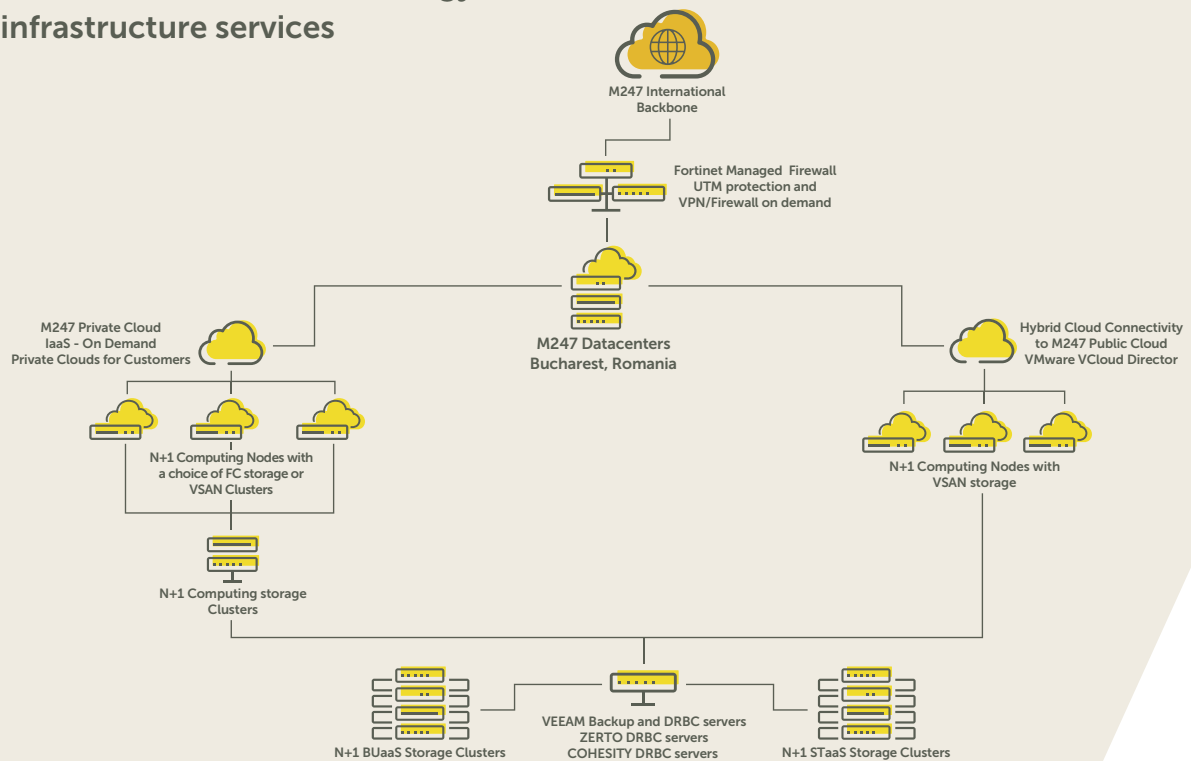# M247 Private Cloud at a glance

Data security and business continuity are not "nice-to-have" features anymore - they are top priorities in any organization. Working with critical data, respecting security protocols imposed by companies' rules and GDPR regulations are new challenges for all companies. M247 Private Cloud successfully respond to these challenges offering also a dedicated computing infrastructure. This provides control and total security of companies' data based on a simple monthly subscription fee.

M247 Private Cloud technology and infrastructure services

M247 International Backbone

Fortinet Managed Firewall UTM protection and VPN/Firewall on demand

M247 Datacenters Bucharest, Romania

M247 Private Cloud IaaS - On Demand Private Clouds for Customers

Hybrid Cloud Connectivity to M247 Public Cloud VMware VCloud Director

N+1 Computing Nodes with a choice of FC storage or VSAN Clusters

N+1 Computing Nodes with VSAN storage

N+1 Computing storage Clusters

N+1 BUaaS Storage Clusters

VEEAM Backup and DRBC servers
ZERTO DRBC servers
COHESITY DRBC servers

N+1 STaaS Storage Clusters

Hardware
- Build on DELL and/or SuperMicro infrastructure
- Using Cisco / Juniper and Fortinet network infrastructure

Virtualisation
- Fully Software Defined (SDDC)
- Virtualisation solutions: VMware, Hyper-V, XenServer and Proxmox

Data Center
- 2 Tier 3 standard Data Centers, located in Bucharest, România
- We have physical and virtual presence in some of the world's most important DC locations with our extended network in 37 cities, across 26 countries

Scalability
- Scalable solution based on customer needs

Support
- 24/7/365 global support

M247 Private Cloud includes:

Compute

- High performance, low density
- Up to 10 Gbps networking capabilities at international level
- Fully resilient and highly available architecture
- Interconnect with Public Cloud infrastructure

Data Protection

- Files immovability for ransomware protection
- Fortinet security policy driven protection
- DRBC Data Management
- Recovery Point Objective (RPO)/Recovery Time Objective (RTO) under 10 seconds
- Fully automated and orchestrated workload failover/failback

Storage

- SSD/NVME accelerated
- Low latency
- High IOPS
- Distributed (HCI) storage
- Fast scale
- Optimized for virtual and cloud native workloads

Virtualisation. Hypervisor options

- Microsoft Windows Azure Pack (Hyper-V)
- VMware, XenServer and Promax

Network

- Cisco and Juniper infrastructure
- Up to 10 Gbps
- Low latency
- International reach
- Integrate virtual data center with physical co-located kit (via VRF/MPLS connectivity on IaaS platforms)

To find out how our technology can transform your businesses, get in touch.

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