**Hybrid Networking** 



# Hybrid Networking

## **Connect Enterprise Locations Seamlessly**

Masergy Hybrid Networking is a next generation, fully integrated global fabric that delivers the agility and superior performance businesses require for strategic IT initiatives.

Deploy a robust, customized global network platform to guarantee superior performance for even the most demanding business applications.



## Customizable By Design

Obtain ultimate flexibility with our inherently customizable global cloud networking platform to match your unique needs.

### **Intelligent Connectivity**

Choose our **Intelligent Connectivity** option to gain the ultra-high performance needed for key locations such as data centers and large offices using any combination of:



MPLS: improve network performance with this fully meshed Layer 3 service in a secure, easy-to-manage environment.



 VPLS: securely extend your Ethernet LAN throughout your entire WAN with complete routing control.



 VPWS: guarantee bandwidth for your designated applications with a secure, private site-to-site connection.



 Internet Plus: enjoy Internet access over a completely separated logical connection from private traffic.

#### FEATURES

- Legacy-free, high-performance global network platform
- Supports up to six classes of service: Voice, Video, Critical, Priority, Normal and Limited
- Highly scalable for multiple VLANs on a single attachment circuit
- Private and public network integration
- IP multi-cast and IPv6 capabilities
- Industry-leading Service Level Agreement (SLA)

#### BENEFITS

- · Engineering expertise
- Dynamic bandwidth allocation
- Simple configuration and management
- · Guaranteed site-to-site QoS
- Disaster recovery and autofailover capabilities
- Lowered TCO
- Proactive network monitoring with 24/7 support



Each Masergy circuit is available with six unique classes of service:

VOICE Prioritized above all other traffic.

VIDEO Ideal for Telepresence/HD video conferencing and video streaming applications.

CRITICAL Highest priority data traffic for guaranteed bandwidth.

PRIORITY Ideal CRM, ERP or other business applications.

NORMAL Ideal for Internet browsing and low-priority applications.

Ideal for data back-up, replication or packet loss-tolerant applications such as Scalable Video Coding.

#### **Network as a Service**

LIMITED

Masergy Network as a Service (NaaS) is a turnkey solution for securely connecting branch offices and remote workers to their Masergy Private IP network. Fully integrated with our Intelligent Connectivity service, the services can be mixed and matched to deploy seamless global hybrid networks. Masergy NaaS is also ideal for business continuity plans or a stop-gap solution until Intelligent Connectivity is provisioned.

#### **Guaranteed On-Demand Bandwidth**

Need to increase available bandwidth or service planes in real time? Our cloud-based software defined network control is an industry-unique feature allowing ondemand or pre-scheduled service modifications from anywhere and on any web-enabled device.

## Fully Managed with an Industry-leading SLA

Masergy's network platform was purpose-built to support real-time applications. Our voice and video

service planes are backed by the most stringent metrics in the industry:

- 100% in-sequence packet delivery
- Maximum latency variation (jitter) of 1ms
- Sub-1 second fast fail-over (network recovery)

And it's all managed 24/7 by an operations center staffed by trained engineers for around-the-clock monitoring and proactive support that comes standard with every customer engagement.

#### **Managed Network Functions**

Premise, Cloud, Virtual,

Masergy's family of fully managed, distributed network functions provides the flexibility to deliver essential network functions via three fully integrated deployment platforms. Mix and match platforms to deliver the right solution to the right location at the right time.



