



CMC Networks (Pty) Ltd

## Product Sheet

### JunXion Product Set

Defn JunXion : CMC Network's product set, of circuits used to establish point to point or point to multipoint connectivity.

The JunXion product set comprises:

- Private MPLS Networking
- Public MPLS Networking
- Leased Circuit Connectivity
- International Private Leased Circuit
- AToM (Pseudo Wire ) Circuits
- VSAT Circuits

This product set may not be available for all countries. Please contact our international sales team to confirm circuit availability in various countries.



**CMC Networks**

Africa  
Middle East  
Europe  
Australasia  
USA  
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**Jun-X-ion**

Hosting  
Internet  
Compliance  
Data Centres  
Cisco Product  
Disaster Recovery



# Global Circuits - Anywhere

## GLOBAL CONNECTIVITY FOR YOUR BUSINESS

CMC Networks provides various point to point circuits across different technologies, When selecting the right product for your business one should consider these technologies in order to balance costs, restoration options and location against business requirements and viability. If you are unsure, please consult one of our sales engineers that can advise you on product availability for your region and best delivery options.

Many of the regions services by CMC are difficult operational environments, including 3<sup>rd</sup> world infrastructures, legislative environments and politically unstable countries. CMC Networks has operated in these environments since 1989 and has a strong working knowledge of the same and can thus advise you of the correct circuit type. In country support is paramount to any solution provided.



### WHOLESALE

EXTEND YOUR NETWORK AND

SERVICE OFFERINGS FOR HARD TO

REACH LOCATIONS.

CARRIER NNI'S ARE AVAILABLE FOR

HAND OFF OF YOUR CLIENTS

CIRCUITS ONTO YOUR NETWORK.

PLEASE CONTACT US FOR

WHOLESALE AGREEMENTS AND MORE

INFORMATION

## Jun-X-ion - Connecting you...

### TECHNOLOGIES AVAILABLE

Depending on the product, various types of circuits can be selected to provide the circuit

Private MPLS	WLL, LL, SDSL, Ethernet, VSat
Public MPLS	As above, including ADSL and internet feeders from 3 <sup>rd</sup> parties
Leased Circuits	Fibre or Copper
IPLC	Mostly Fibre / 2 or more half circuits
AToM	Over private MPLS, LL or IPLCs
WLL	Microwave, RF or Wimax.
VSat	SCPC or DVB, C-band services

### PRESENTATION OF CIRCUITS

This is merely a guideline and may change country to country

MPLS Full Circuit	Ethernet RJ45
MPLS NNI	Ethernet RJ45
AToM	Ethernet RJ45
Leased Circuit < 2Mb	X21 or V35
IPLC <2Mb	X21 or V35
DS3	Optical
STM1	OC3
WLL	Ethernet RJ45
Vsat	Ethernet RJ45

### TECHNOLOGY CONSULTING PROVIDES THE RIGHT SOLUTION, FIRST TIME

### QUALITY OF SERVICE

For MPLS networks and circuits various class of service bundles are available. These are dependent on a number of factors, from, PoP to PoP core connectivity to the tail technology and type of MPLS service selected.

Bundled options are more cost effective and include Platinum-V, Platinum, Gold, Silver and Bronze. By default all MPLS circuits ship with bronze and are easily upgradeable. On some technologies the highest bundle available is silver whilst on others the full range. The EXP values used to set the CoS's, range from 1-6.

- Bronze 100% CoS 4
- Silver 25% CoS 2 / 25% CoS 3 / 50% CoS 4
- Gold 25% CoS 1 / 50% CoS 2 / 25% CoS 3
- Platinum 50% CoS 1 / 50% CoS 2
- Platinum V 100% CoS 1
- Custom Options are available



### PRIVATE MPLS

This product provides circuits using MPLS across CMC's private AS Network. All traffic remains on-net end to end with dedicated tails on each end. Full QoS profiles are available along with 100% CoS 1 to compete with IPLC circuits. This network ate no point traverses the internet and all bandwidth is dedicated.



### PUBLIC MPLS

The public MPLS product is a cost effective MPLS option that operates across the CMC public AS Network and traverses a combination of private and internet based circuits. Local tails are included to establish end to end circuits and are thus fully secured using Cisco's MPLS technology. Limited QoS profiles are available.



### PSEUDO WIRE CIRCUITS

These circuits use the Cisco AToM technology over various mediums. This enables us to provide clear channel circuits over various CMC private networks, thus eradicating the IP layer. The performance of these circuits is comparable to most IPLC and Leased lines.

