



Product Sheet

X-change Product Set

Definition: X-change: CMC Network's VoIP
Offering: Providing Global IP Telephony, and
Unified Communications Solutions.

The X-change product set comprises:

- VOIP Solutions
- Least Cost Routing
- Superior VoIP Call Quality
- Global/Local Routes
- Real-Time QoS Monitoring
- Online Billing Engine
- Voice Logging Capability
- Call Centre Architecture
- AVAYA Certification

This product set may not be available for all
countries. Please contact our sales team to
confirm availability of this service in your
country.



CMC Networks (Pty) Ltd



X-change

CMC Networks Group



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VoIP Solutions
Wholesale Offerings
Least Cost Routing
Voice Logging
Unified Communications
Online Billing Engine
Global & Local Routes
Call Centres



Unified Communications

CONVERGING YOUR BUSINESS

In the current global climate of increased connectivity and mobility, customers need a networking partner that can offer technology platforms, which cater for their changing convergence needs. CMC Networks' Global MPLS backbone, offers such a platform to run both voice and data technologies effortlessly.

SIP INTEGRATION

Service providers are deploying packet-telephony technologies as an alternative to traditional circuit-switched telephone networks, in order to shift traditional voice services to packet-based networks. Thereby creating new services that combine data, voice, and video information. Lower costs associated with converged data and voice networks, are the key drivers associated with customer deployment of such technologies.



WHOLESALE

EXTEND YOUR VOIP NETWORK AND

TELEPHONY SERVICE OFFERINGS.

OFFERING LOCAL AND GLOBAL

PREMIER LCR ROUTES.

PLEASE CONTACT US FOR

WHOLESALE AGREEMENTS AND MORE

INFORMATION

X-change - Make yourself heard...

TECHNOLOGIES AVAILABLE

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

VOIP Protocols	H323 / SIP
Interconnects	GSM - GSM Networks via Dedicated Micro-Station PSTN – via Interconnect and Dedicated Circuits International – via Dedicated Circuits
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

E1/DS1	QSIG
IP Trunks	H323 / SIP

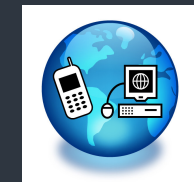
TECHNOLOGY CONSULTING PROVIDES THE RIGHT SOLUTION, FIRST TIME

VOIP QUALITY OF SERVICE

Our VOIP Solutions are designed to run on the G729 codec, using 20ms sampling rate, equating to 32K per channel. This guarantees superior "Carrier-Grade" VOIP Quality. Requiring 100% dedicated CoS1 across our Platinum-V MPLS Network.



- **Platinum V** 100% CoS 1
- **Custom Options** are available



LEAST COST ROUTING

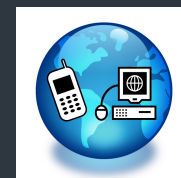
Premier Local and Global LCR routes available. Providing substantial telephony Cost Savings. GSM LCR Routes via dedicated Micro Stations. Custom Dial Plans.



ONLINE BILLING

Real-Time Online Billing Engine offering:

- Interactive Client GUI
- Historical Reporting
- Cost Saving Analysis
- Scheduled Reporting Function
- Detailed Call Reports



CALL CENTRE SPECIALISATION

- AVAYA Certified
- Witness Voice Logging & Archiving
- Call Management Systems
- Unified Communications
- Architecture Design & Implementation Solutions
- Support & Maintenance

