



- Carrier Class, Scalable Voice Call Generator, allowing standalone and distributed configurations
- Interface ports for connection to wired networks including PSTN, WLL or VoIP ATA
- High quality, lossless PCM playback
- Configurable operation, from simple short tests, to user specified, intensive exercising of the network
- Remote management across LAN or optional dial up port
- Stimulus speech files, and call profiles fully configurable
- Integrates with Beethoven Voice Management solution suite

“Characterise your network using realistic voice stimulus; test with full controllability and repeatability”

Beethoven CG 100

Flexible voice call generation for your network

The ability to generate realistic voice call stimulus gives you an automated and fast mechanism to verify your voice network operation.

The Beethoven CG 100 enables you to quickly prepare and execute a complex series of voice calls between ports of a single unit, the ports of different units, and the ports of co-located or geographically separated units.

The CG 100 is engineered to deliver repeatable stimulus allowing the detection of any changes in the network performance.

Suitable for all voice network configurations, including Wireless Local Loop, Circuit Switched PSTN, and Voice Over Packet (VoIP).

Family configurations include four analog POTS (FXO) interfaces, ISDN PRI, and VoIP interfaces.

The Beethoven CG 100 can be locally or remotely updated, tasked, managed and monitoring across any LAN or dialup network using the Beethoven Management System.

The CG 100 integrates seamlessly with Calyptech's Beethoven suite of Voice Service assurance products.

Features

Test profiles can be defined, using selectable speech files, with test times from seconds to several months

Simultaneous call generation in send and receive directions

Scalable architecture, configurable interfaces

Intuitive web based Management System

Integration with Beethoven Voice Service monitoring solution

Benefits

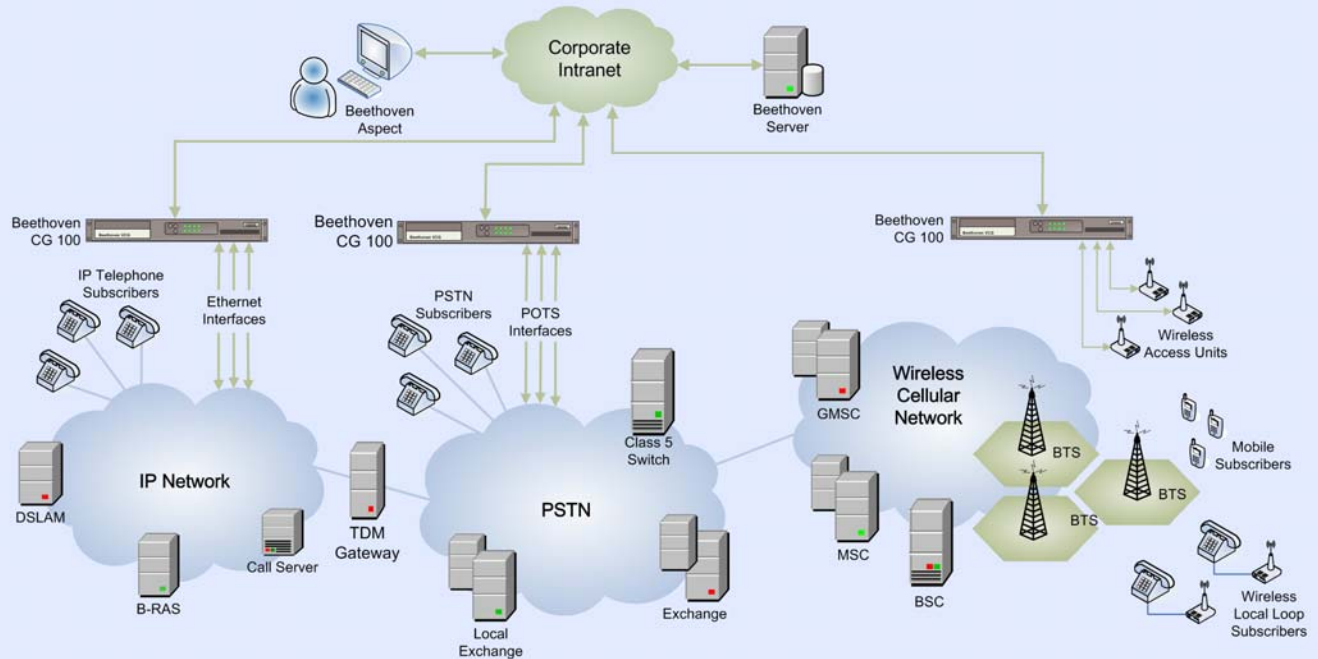
Simple and complex test scenarios can be executed to emulate realistic call load and quality

Test "Double Talk", muting, and Voice Quality Enhancement performance of the network, including Echo Cancellation

System can be scaled to your network load and interface requirements, with configurable combinations

Simple management, global access, automatic report generation

Can be integrated with the full Beethoven solution, as part of a fully instrumented voice service monitoring solution



Specifications Summary

Regulatory Compliance

Safety	UL 60950, CSA 60950, IEC 950, TUV/GS EN60950
EMC	Verified to FCC Class A; tested to CISPR 22 Class A, EN55022 Class A, VCCI Class A ITE, AS/NZS 3548 Class A, CNS13438
Immunity	EN 55024
NEBS/ETSI	Bellcore GR-63, GR-1089, ETSI 300 386, 300 019, 753

Interfaces

Type	2.048Mbps (E1) 1.544Mbps (T1), POTS, 10/100/1000Mbps (VoIP), xDSL (VoDSL)
Density	Configurable
Flexibility	Interfaces can be freely combined in the available slots of a single CG 100

Physical, Mechanical & Power

Ambient Operating Temperature	5°C to 40°C
Power Supply	Dual, redundant -48VDC -36VDC to -64VDC operating range
Rack Mounting	19/23 inch rack mountable
Height	44mm (1U)
Width	435mm
Depth	600mm



While every effort has been made to ensure the accuracy of the information contained in this document, Calyptech Pty. Ltd. accepts no responsibility for errors or omissions. Calyptech Pty. Ltd. reserves the right to make changes to product features and specifications without notice.