

Polycom® MGC™-50 / MGC-100

Frequently Asked Questions

What are the primary differences between the MGC-25 in comparison to the MGC-50 and MGC-100?

The primary differences between the MGC-25 in comparison to the MGC-50 and MGC-100 are:

- The MGC-25 comes in set system and feature configurations, while the MGC-50 and MGC-100 are custom configurations according to specific customer requirements.
- The MGC-50 and MGC-100 are easily upgradable in the field and the MGC-25 is not.

What are the primary differences between the MGC-50 and the MGC-100?

The primary differences between the MGC-50 and the MGC-100 are:

- The MGC-50 has 8 universal slots versus 16 universal slots on the MGC-100.
- The MGC-100 can be purchased with redundant power supplies, not an option on the MGC-50.

Are there any differences in the conference applications and network support on the MGC-50 and MGC-100?

There are no differences in the conferencing capabilities on the MGC-50 or MGC-100 platforms over any network connection supported by the MGC.

Is the transcoding feature supported on the MGC-50 and MGC-100 any different from other manufacturers?

Yes, the transcoding supported on all MGCs is the only transcoding solution that will automatically transcode the 65,000 different permutations of network protocols, frame rates, video resolutions, data rates, audio algorithms and video algorithms. Other vendor transcoding solutions do not transcode across all of the elements.

This means that any Polycom MGC can connect conference participants more reliably and connect each site at the optimum capabilities of the endpoint.

What do you mean by a hardware and software shared resource architecture?

What this means is that all software and hardware resources that are available on a MGC can be used to support any conferencing activity. There are no islands of technology on the MGC platform that cannot be used to support a conference.

What are the capacity ranges of the MGC-50 and MGC-100?

The MGC-50 can scale up to 64 ISDN video ports @ 384 kbps, up to 192 IP video ports @ 384 kbps and up to 480 PSTN or VoIP ports. The MGC-100 can scale up to 144 ISDN video ports @ 384 kbps, up to 384 IP video ports @ 384 kbps and up to 860 PSTN or VoIP ports.

How do the MGC-50 and MGC-100 address firewall security issues caused by IP conferencing that includes participant sites inside the firewall and participants sites outside the firewall?

The MGC-50 and MGC-100 have the unique ability to be set-up with different IP module addresses that can reside inside the firewall and outside the firewall. Conference connections that come into a conference from outside the firewall connect to a IP module outside the firewall. All TCP/IP protocols are removed from the data stream as it is routed across the MGC backplane to the IP module inside the firewall and the endpoint within the enterprise.

The firewall security capabilities have CheckMark certification.

Is there an API for the MGC architecture?

There is a comprehensive API available for the custom software integration. This API is consistent for all services delivered on the MGC's architecture. The API made available to the customer and third party integrators is the same API used to support all other MGC applications including Polycom MGC Manager. This means that the API included in any release of the MGC will be current.



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