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# Product Release Highlights

ViaVideo Release 5.0

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## What's being announced?

Software release 5.0 with the all-new ViaVideo User Interface!

## Extending ease of connectivity and PC characteristics to personal conferencing

- Polycom Office interoperability for desk to desk and desk to conference room communications
- Expanded gatekeeper support
- Multiple location profiles
- Full Screen viewing
- Expanded desktop space
- Elegant navigation

## What are the user benefits?

### 5.0 Delivers the Ease of Connectability

- Increased Data rates for higher call quality.
- NEW Redesigned User Interface for ease of use and navigation.
- PVEC Support for optimal quality over IP networks.
- Location Profiles for true portability.
- Gatekeeper enhancements for flexible routing.

*Encourage your customers and partners to upgrade to Release 5.0!*

## When is it being announced?

February 24, 2003

## Where is it being announced?

- 2003 Polycom Sales Meeting
- 2003 Polycom Channel Conference

## What is the price?

ViaVideo release 5.0 is a no-charge software upgrade

## When is it available?

- March 14, 2003
- Watch for email notification of software shipping/available for download.

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## What are the key features?

The new ViaVideo 5.0 release provides:

- **Increased Data Rates!**  
Now supporting up to 512Kbps. At any speed above 320Kbps the user is able to take advantage of up to 30fps!

- **GREAT New Windows-like UI**  
Based on enormous amounts of customer feedback, the user interface was re-designed to look and feel more like other Windows applications. ViaVideo users by default are all Windows users, running applications with similar human factors characteristics. It made sense to transition our user interface more in that direction, simplifying how user interacts with the application.

The address book and set up screens can be open or minimized separate from the application, allowing for quick dialing and easy access to general information without having to hang up an active call or minimizing the video windows.

- **Integrated Audio via USB**  
If you are running on 2000 or XP you can remove that audio cable!

Currently many laptops don't support an audio out port, which makes it difficult to hook up ViaVideo version 3.0 without a special "Y" cable adapter. When you install version 5.0 the audio cable is no longer required, and the audio is driven inband through the USB to the audio card.

- **Location Profiles - Home, Office, Travel**  
Making ViaVideo its most portable required improving how the user interfaces with the application, every time the network connectivity changed.

Location profiles are created once during installation of the application. The installer merely enters into the set up menu the network characteristics of the Home, Office and Travel environment for that PC. Once this has been done, every time the ViaVideo program is activated, the user chooses one of the three locations appropriate for where they are at the time and then they ready to CONNECT!

- **Full screen video**  
This has been one of the most frequently requested features for ViaVideo.

In 5.0 we have added an icon to the top left corner of the application window, which allows the incoming video to go full screen. Now users are able to gather in small groups to have discussions and clearly view the remote location. With Conference on Demand calls, the quadrants become large enough in full screen mode for the local participant to view all the remote locations clearly.

- **Expanded QoS**  
ViaVideo, being an IP only product, is immediately introduced to the possibility of packet loss over heavily congested networks. The solution for this prior to 5.0 was to drop the data rate to lessen the impact of the packet loss, whereby improving the picture, and then increasing it as the packet loss subsided.

With the integration of PVEC in 5.0, now the data rate can remain at its original level, and replacement packets will keep the frame rate and picture quality at a high level without adjusting the call.

➤ **Enhanced Web UI**

The look and feel of the web interface has also matured. Navigation is significantly enhanced and security can be set from almost every area.

➤ **Direct registration with Global Address Book – YEA!**

No more ILS registration is required in order to register with the GAB! ViaVideo 5.0 now registers directly with GMS just as the ViewStations do. However, ILS registration is also still an option for those who have applications calling for it.

➤ **Multiple Monitor Support**

Windows has supported multiple monitors for some time, allowing for 2 or more VGA displays to be attached to PC's and laptops. ViaVideo 5.0 now takes advantage of this capability and expands the desktop conferencing space for enhanced visual collaboration, allowing for larger video windows and full access to the PC desktop.

➤ **E.164 support**

ViaVideo supports recognition for an alias that is a number.

When ViaVideo is connected to a gatekeeper and the user dials from the address book and the address book entry has a valid E.164 address, ViaVideo will dial by the alias. When an alias is composed of letters, this is just a normal H.323 alias.

➤ **Context Sensitive Help**

To complement the new UI, the ViaVideo application now also provides Context Sensitive Help.

If there is an Icon or area on the UI that requires more explanation for the user, click on the “?” icon at the top left side of the application window. A text window will appear providing the name of the icon/area along with a brief description of the function it delivers.

➤ **Additional Language support - now supporting 11!**

English, French, German, Spanish, Italian, Portuguese, Japanese, and Chinese Simplified

- **NEW:**

- Traditional Chinese
- Korean
- Norwegian

➤ **Enhanced Error Messages**

In the past “Network Error” was one of the few errors produced regardless of the error that had occurred.

In the ViaVideo 5.0 release we have incorporated over 100 new error messages that will give descriptive on screen messages in the event an error has occur. This also gets reported into the Call Detail Record.

➤ **Expanded Gatekeeper Support**

The addition of canMapAlias now provides the gatekeeper with more control in routing the call by allowing it to tell the endpoint to modify the destination address.

- **Extensive Windows OS Support**
  - XP, 2000, 98, SE, ME
  - NT 4.0 no longer supported
    - ViaVideo 3.0 will remain a supported release for the NT 4.0 platform

## ViaVideo 5.0 Feature Summary

<b>Feature</b>	<b>Description</b>
Increased Data Rate	Speeds up to 512Kbps!
New User Interface	Easy to use Windows look and feel
Location Profiles	Pre-configured selectable network profiles, which characterize the Home, Office and Travel networks specific to the user.
Full screen Video	Ability to use the entire monitor for incoming video without the application boarder
PVEC	Enhanced Quality of Service
DiffServ	Additional QoS Standards support
E.164 Support	Alias recognition within GMS
Multiple Monitor Support	Windows supported – additional monitors help to spread out desktop applications
G.722.1	7kHz broadband audio using 32Kbps – half the bandwidth required from G.722.
Integrated Audio via USB	Audio cable is no longer required for Windows 2000 and XP clients
Direct registration with the Global Address Book	No more registration with ILS servers required to become part of the Global Address Book
Expanded Gatekeeper Functionality	Cisco CanMapAlias support
Additional Language support	3 additional languages now supported – total of 11 languages now translated.
Context Sensitive Help	Simplistic on-screen instruction
Enhanced Error Messages	User friendly onscreen error messages which are also recorded in the CDR to give deeper description of network activity/error

<b>Feature Changes</b>	<b>Description</b>
Removal of NT 4.0 support	Due to Microsoft's end of support for this OS, 3.0 was the last release to support NT 4.0