

EXPLORER™500 - ACCREDITED SOLUTION

Polycom PVX Software - Video Conferencing Software



Document Name: E500 – Polycom PVX Software

Revision: PA2

Introduction:

This document describes how to install the Polycom PVX video conferencing software and set it up to work with the Thrane & Thrane EXPLORER™500 BGAN Terminal.



Typical Applications and Users:

- ▶ Humanitarian Aid Organizations
- ▶ Government and Military
- ▶ Small business and small office/home office (SOHO)
- ▶ Distance learning classrooms
- ▶ Healthcare

Product Description:

Polycom PVX Video Conferencing system brings unprecedented video conferencing technology to your desktop PC with the first software application ever offered by the industry leader. Utilizing the industry's highest quality audio/video algorithms, Polycom PVX is the only PC application to offer both secure communications and People+Content.™ PVX can be purchased with a USB webcam for optimal video quality at the desktop, thereby eliminating the need for a separate video camera and reducing clutter in your workspace. And when used in conjunction with your laptop and USB webcam, Polycom PVX provides the ultimate in portability.

For users of group conferencing systems, the premium performance and advanced features of Polycom PVX will perfectly complement larger room systems while maximizing end-to-end conferencing and collaboration quality. The graphical user interface delivers a rich feature set, including:

- ▶ Sizable and detachable video windows for personal desktop layout supporting local video, remote video, and content video
- ▶ Intelligent call directory with search capability to quickly locate and call other end users
- ▶ Multiple location profiles simplify network connectivity from home, office and travel locations
- ▶ Continually monitors system and network for errors and alerts end user of status changes
- ▶ Intuitive navigation with context sensitive help screens, embedded user manual available in 13 languages for ease of use and fast adoption
- ▶ Multiple monitor support adds richness to conferencing and PC collaboration
- ▶ Web user interface enables remote management and monitoring from Web browser

The iPriority™ features of the Polycom PVX enable your PC to deliver high-quality video conferencing over IP networks. And as an integrated component of the Polycom Office,™ Polycom PVX gives your PC the ability to conduct one-to-one or one-to-many communications in offices, home offices or small businesses. Bring remote colleagues, offices and telecommuters together easily and affordably with the Polycom PVX conferencing software application.

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity – over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. To learn more, please visit the Polycom Experience Center at www.polycom.com/experience.

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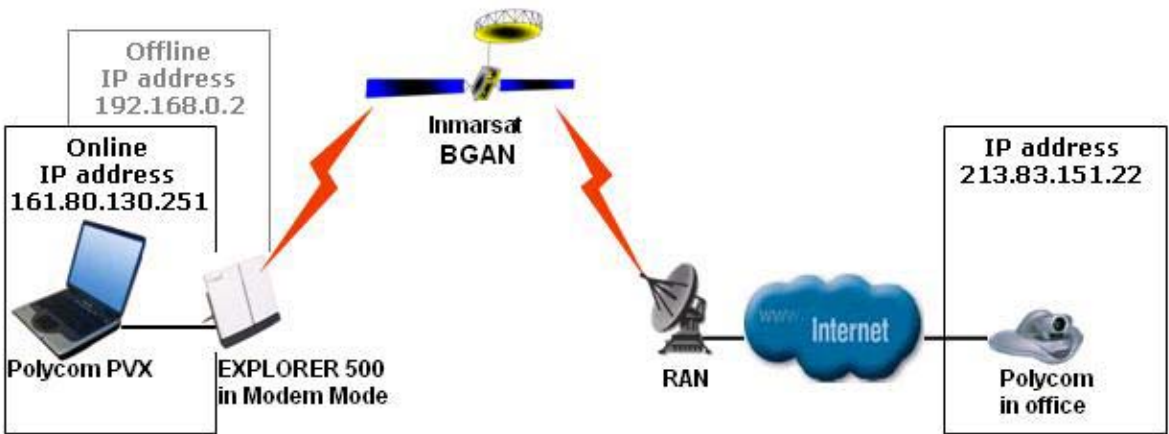
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Tested on products:

TT-3710A EXPLORER™500 Software version: 1.02
Polycom PVX Software Software version: 8.0.1

System Overview:

The remote Polycom PVX video conferencing software was tested against a Polycom VSX 7000 Video Conferencing System connected to an ADSL line with a public static IP in the office. The remote Polycom PVX video conferencing software was installed on a laptop with a webcam and was connected directly to the EXPLORER™500 LAN Interface using an Ethernet cable. The EXPLORER™500 was set in Modem (bridge) mode in order to be able to dial up to the remote system. In Modem mode the BGAN system will through the EXPLORER™500 issue a public IP address to the remote PC having the Polycom PVX video conferencing software installed. A full system overview is shown in below picture:



Polycom Configuration at the office site:

The Polycom VSX 7000 in the office was connected to an ADSL line with static global IP address. The ADSL line provider gave following network parameters for the ADSL line:

Static IP address: 213.83.151.22
Subnet mask: 255.255.255.224
Default Gateway: 213.83.151.1
DNS: 212.88.64.14

Polycom PVX Software Configuration:

No special need for configuration. The Polycom PVX software automatically detects the IP address of the PC and the installed Webcam.

For special purposes the Polycom PVX software can be configured with enhanced video quality and network setup, e.g behind Firewall etc.

EXPLORER™500 Configuration:

The EXPLORER™500 must be configured to Modem Mode (same as bridge mode) and select the service needed for the video conference. Either Streaming IP (Premium Data, where you pay per minute) or Standard Data (where you pay per megabyte). Furthermore the EXPLORER™500 can be configured to use the Static IP of the SIM card if supported. Static IP is needed if the office should be able to call up the remote Polycom PVX software. These settings can be done from the built-in web server in the EXPLORER™500.

Now connect the EXPLORER™500 to the PC with an Ethernet cable. Switch on the EXPLORER™500 and PC. Wait for the PC to receive its IP address from the EXPLORER™500. Start the Polycom PVX software application and then start a video conference.

Kind regards
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Performed tests:

The test was done using the Standard data and Premium 128Kbps Streaming services.

Tested:

20th of February 2006 by Henrik Møller @ Thrane & Thrane, Lyngby, Denmark

Information in this document is subject to change without notice and does not represent a commitment on the part of Thrane & Thrane A/S.
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