

# Re: Tutorial?

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*Source:*

<http://www.tech-archive.net/Archive/Internet/microsoft.public.internet.netmeeting/2006-06/msg00000.html>

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  - *Date:* Sun, 4 Jun 2006 12:10:50 -0400
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On 29 May 2006 06:51:05 -0700, mig wrote:

Hi Larry

I am building a visual basic application that uses Netmeeting SDK.

You do realize that NetMeeting is being retired and will be in no future O/Ss? Microsoft specifically has recommended that users do not develop applications using NetMeeting as platform.

INM allows you to share the Remote Desktop by:

1. Tools menu-> remote desktop sharing
2. Tools menu -> Sharing (Ctrl+S) -> desktop (Share)

In my opinion the second option works better.

The two options have completely different uses -- the first one is for unattended desktop control. The second is for sharing while in a attended call and allows for optionally allowing control (the call can have multiple parties)

My experience is that you usually don't need to open any firewall port if you just use the remote desktop thing.

It depends on what "opening" ports means though and what kind of firewall

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you and the article is referring to and whether you are talking about incoming or outgoing calls. Local software firewalls require allowing listening access to tcp 1503 for NetMeeting for all incoming data calls(including both kinds of desktop sharing). Incoming(and outgoing) Audio/video requires tcp 1720 listening access plus some udp ports (that are not predetermined) so it will be necessary for the firewall to allow "full server" access to get them to work (different software firewalls have different ways of specifying this).

If your firewall is a nat or other border firewall it will be necessary to forward tcp 1503 (for just incoming data access) or usually set a dmz type feature if you want full audio/video access. Calls are then made to the border IP.

I tell you this from my experience, I successfully established a netmeeting call from a firewalled pc, I however, could only get my remote desktop and not video and audio.

Outgoing calls that are data only usually require no firewall changes. Audio/video calls outgoing require either a H.323 proxy in the firewall (which a few older devices do have) or use of the dmz type feature.

It is possible to provide two way calling in a firewalled or NATed network via an H.323 gateway/gatekeeper but implementing such a device is usually not feasible for smaller networks

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