

Secure audio/video services – → H.323, H.350 and Firewalls

Data Collaboration

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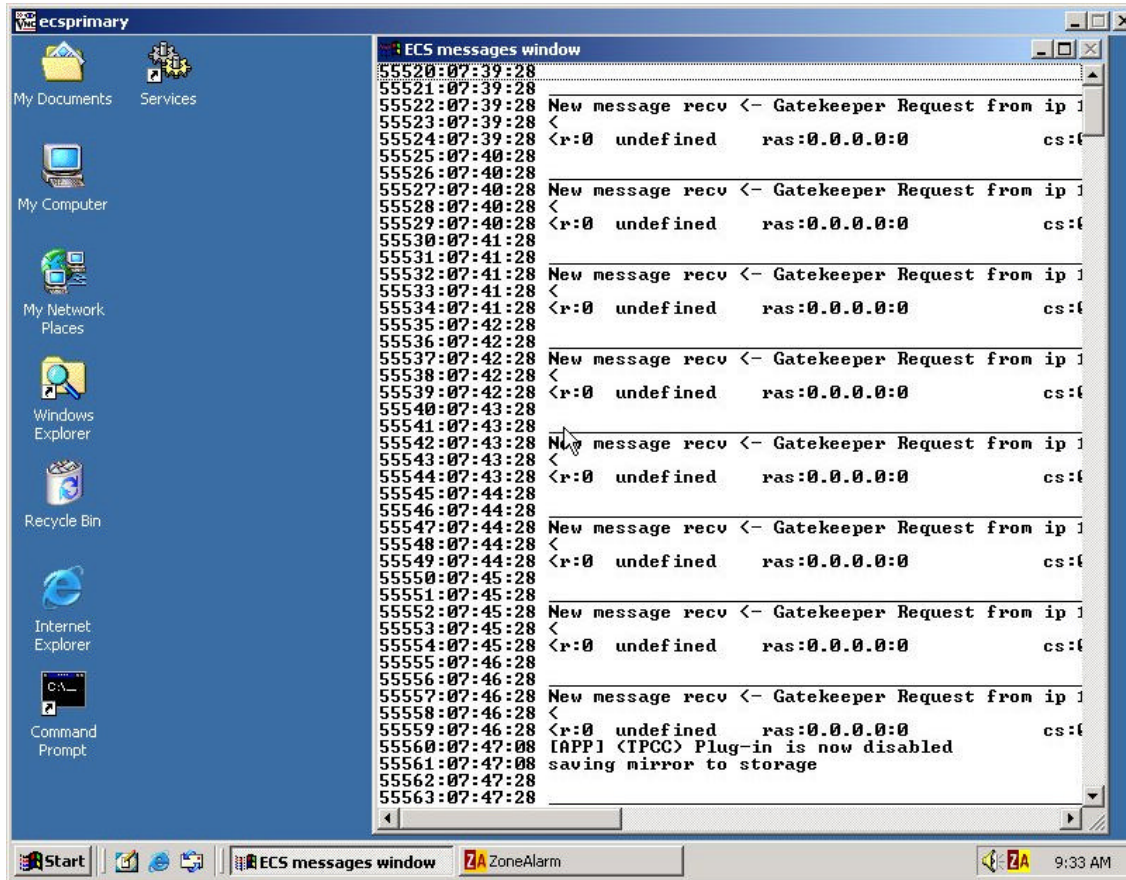
→ T.120

- T.120 is an ITU standard
- ‘Classical’ T.120 application is Netmeeting® (not longer maintained by Microsoft!)
 - Chat
 - Whiteboard
 - Application sharing
 - File transfer
 - Shared application is not part of T.120 and is often confused with application sharing
- Not fast enough to transfer data for ‘real remote presentations’
 - E.g. slide transitions, any animations are barely visible on the remote end
- Multipoint T.120 possible via MCU

→ VNC and its flavors...

- VNC is a remote control package
- Several flavors are available
 - TightVNC, <http://www.tightvnc.com>
 - RealVNC, <http://www.realvnc.com>
 - UltraVNC, <http://ultravnc.sourceforge.net>
 - TridiaVNC, <http://www.tridiavnc.com>
- Most versions are available for Windows, Linux and Mac
- Can only the full screen
- Usefull for remote monitoring/administration
- Can be used for remote Presentation (slightly faster than Netmeeting ? Animations are not transmitted smoothly)
- Web based access via Browser (Java Applet)

→ VNC and its flavors...



TightVNC: Monitoring the International Root Gatekeeper

→ Propriety Solutions

- Polycom
 - People+Content
 - Can transmit a full screen to other Polycom Units
 - Multipoint possibility via Polycom MCU
 - Only one sender at a time
 - Connected PC to Polycom Unit or PVX
 - Not interactive!
- Tandberg
 - DuoVideo
 - Similar to People+Content (but they don't work together)
 - Tandberg seems to be able to interpret People+Content
 - Not interactive!

→ H.239

- A new ITU standard
- Was introduced to ensure an interoperability between ALL vendors
- Only beta versions available ☹
 - Standard is out since almost 2 years!!
- Some vendors already work together
 - Radvision & Sony
 - Codian (Should be out by June)
 - Polycom?? Tandberg??
 - Aethra??
- It is very unsatisfactory that it does not work right now, but this is what we all want!!!



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