



3Com's BrightArrow ExecutiveAssistant Media Driver Port & Hardware Requirements

3Com Media Driver Port Requirements

ExecutiveAssistant Call Routing and Personal Assistant Features

To determine the number of 3Com Media Driver Ports (aka Wave Ports) needed for the ExecutiveAssistant Auto-Attendant or Advanced Client features, calculate the number of simultaneous phone calls that first come into the system within a 1-minute period. Single calls using Auto-attendant, Find-me-follow-me, SpeechDialer, and the other "Personal Assistant" features require one NBX Wave Port License when in use.

ExecutiveAssistant Call Recording and Monitoring Features

To determine the number of 3Com Media Driver Ports needed for the following features, calculate the number of simultaneous phone calls by users who "might be" monitored or recorded, and multiply by two Media Driver Ports per call.

- ExecutiveAssistant Call Recording
- Monitoring
- Barge-in
- Whisper
- Music-On-Hold

Specifically:

- Automatic or On-Demand Recording uses two Media Driver Ports per recording session
- Silent Monitor, Barge-in, and Whisper require one NBX Wave Port License per Supervisor in addition to 2 Media Driver Ports per call (same two as used for Recording)
- The number of simultaneous recordings is only limited by the number of Media Driver Ports
- If calls are reaching the destination user through a hunt group (or 3Com eXchange Route Point), allocate enough Media Driver Ports for all calls reaching this hunt group or route point, times two, even if some of the members of the group are not to be recorded/monitored.
- Music-On-Hold / Transfer requires two NBX Media Driver Ports per conversation that might be put on hold (same Media Driver Ports are used with record/monitoring)



3Com Media Driver Port Requirements (continued)

ExecutiveAssistant Zone Paging

To determine number of 3Com Media Driver Ports needed for the ExecutiveAssistant Zone Paging, determine the number of extensions to be paged simultaneously (one Media Driver Port per page). Larger zones can be paged in "waves" by using a smaller number of Wave Ports one after another.

NBX Device Count Limits

Media Driver Ports are counted as Devices in the NBX, and therefore cannot exceed the licensed number of devices on the NBX.

PC Hardware Requirements (NBX R5.0.6 or later *)

<i>Number of simul calls</i>	<i>3Com Media Driver Ports**</i>	<i>CPU min required</i>	<i>CPU recommended</i>	<i>RAM*** requirement</i>
Up to 12	Up to 24	1 GHz	1 GHz	512MB
16	32	1.2 GHz	1.5 GHz	512MB
20	40	1.5 GHz	2.0 Ghz	512MB
23	46	2.0 Ghz	2.4 Ghz	768MB
26	52	2.1 GHz	2.4 Ghz	768MB
32	64	2.6 GHz	2.8 GHz	768MB
36	72	2.8 GHz	3.0 Ghz	768MB
40	80	3.0 Ghz	3.2 GHz	1GB
46	92	3.2 GHz	3.6 GHz	1GB
69	138	Dual 2.8GHz	Dual 3.0+GHz	2GB
92	184	Dual 3.6GHz	Dual 3.6GHz	2GB
>92	> 184	Multi-PC	Multi-PC	

* NBX Version R4.x require DOUBLE the CPU for the same number of Media Driver Ports

** Each simultaneous monitor supervisor needs an additional Media Driver port

*** Possibly additional RAM needed if over 100 users

- Assume DOUBLE per-port CPU requirements for features other than Record, Monitor, Whisper, Barge-in or Music-on-hold.
- Hard-drive speed must be at least 7200 RPM
- Allocate a 10GB hard-disk space for ExecutiveAssistant usage, plus recordings take 1MB/min of disk storage
- Windows 2000/XP Pro if client software running on up to 10 simultaneous PC's (client software not required for telephone-direct features, like call recording). For >10 PC's, needs Windows 2000/2003 Server with Windows CALs (Client Access Licenses) per PC.