Statement of Minimum Requirements for a CAN8 System

This document describes the absolute minimum hardware and operating system required to properly run a CAN-8 system. Most hardware available today is well beyond this specification. Sounds Virtual cannot support sites with hardware that is below the capabilities listed here or running an operating system other than Windows.

NETWORK TYPE:

The network cabling/architecture must be capable of running 100 Mbits/sec or greater.
Wireless: CAN8 – without video features - will run on a wireless network 802.11a/b/g/n.
Offsite: Bandwidth considerations for audio delivery offsite: 64 Kbit/sec/station.

SERVER:

Intel or equivalent AMD based system.
Window Server OS (2008 thru Server 2022 64 bit) are considered acceptable.
3GHz Pentium, 4 Core or equivalent AMD CPU.
32 GBytes RAM memory.
1 TB hard disks arranged as a mirrored pair or higher RAID level.
100 Mbits/sec Ethernet interface.
Serial or USB port for license authorization device (dongle)
Server should not run in a Virtualized environment

WORKSTATION / CLIENT / LAPTOP:

Win7/Windows8 and 8.1/Windows 10/ Windows 11 (32 or 64 bits)
3 GHz Pentium Dual Core or equivalent AMD CPU
16 GBytes of RAM
500 Gbytes Hard Disk
100 Mbits/sec Ethernet interface
Headset (earphones plus microphone)
Good quality sound card or chipset with full duplex capability, with correct driver, fully compliant with Microsoft specifications. (16 bit 44 KHz input and 16 bit 44 KHz output simultaneously)
Video adaptor must support 32-bit color at a minimum of 1024 X 768 resolution.

OFFSITE ACCESS:

Sufficient Internet bandwidth for number of stations accessing the CAN8 host server (approximately 64 Kbit/sec/station).
The UDP ports 17180 to 17190 must be open to the network section for internal access to the server.
If the server is hosted, the UDP ports 17180 to 17190 must be open on the firewall to access remote server.

NOTES:

- In order to run the CAN8 system, there must be a minimum of one computer running Windows Server. This station will act as the CAN-8 server. This station should not be used as a client station. This can be a server hosted with Sounds Virtual.
- The server must not run any other applications such as databases, webservers, antivirus or print server software.
- The server should not run on a virtual server.
- The system requires that the server have a static IP address to function.