

## Boardroom Installations



The number one complaint we hear from clients looking to improve their boardroom is lack of compatibility. The need for a boardroom that's fully compatible with all available hardware and software will be essential to making the transition from working from home, to in office meetings a smooth one. Here we will go over some of the most common things to consider when deciding whether to upgrade your boardroom's audio video setup.

### Can Our Boardroom Be Compatible With All Hardware & Software?

In 2021, there are many different ways to host a meeting, all using different hardware and software. The first key consideration for your boardroom is who will be using the space? Will it solely be used by a tech-savvy sales team, or does every member of your team need the ability to easily host meetings? If your company is closer to the latter you will want to ensure your presentation space is fully compatible with the latest (and past) technology.

### Hardware Compatibility

There's nothing more frustrating than showing up to give your big presentation, and finding out the projector only takes a VGA port when your MacBook Pro is running full 4K HDMI. To ensure full compatibility with the various available video sources, we utilize a multi-port scaler which will automatically size the video source based on what your screen/projector can handle. If you're using a 4K TV as your screen, the scaler will automatically upscale incoming lower resolution video to 4K.

### Software Compatibility

During the COVID pandemic businesses have utilized a variety of software to facilitate virtual meetings all over the world. While Zoom is the market leader, Microsoft Teams, Skype, GoToMeeting, Facebook Messenger, Google Hangouts, and TeamViewer are also popular meeting options. We avoid having to download and install new software right when your meeting is about to start by utilizing a presentation hub as part of the boardroom installation. The presentation hub lets you easily mirror your screen, and host virtual meetings on all video streaming services. Keep the ideas flowing and easily share screens between laptops, smartphones, and tablets wirelessly. No matter what hardware or software someone brings into the boardroom, our goal is that it just works.

### Should Our Boardroom Utilize A Projector or TV Screen?

When deciding on whether to use a projector or a TV in your boardroom, the main consideration is the size and layout of the room. Is this a boardroom for 4 people, or 15 people? The larger the room, the more a projector, which can display at 120° across, is the right option. However, also consider the room layout. Projectors require dimmed lighting for the picture to not be washed out. Does your boardroom have large windows that allow significant amounts of ambient light? Are you willing to add automated window coverings? Can the lighting be dimmed or would that not make sense for your space/business? In smaller, or very bright boardrooms, a TV screen may be the best option.

### What Type Of Audio & Video Recording/Streaming Hardware Do We Need?

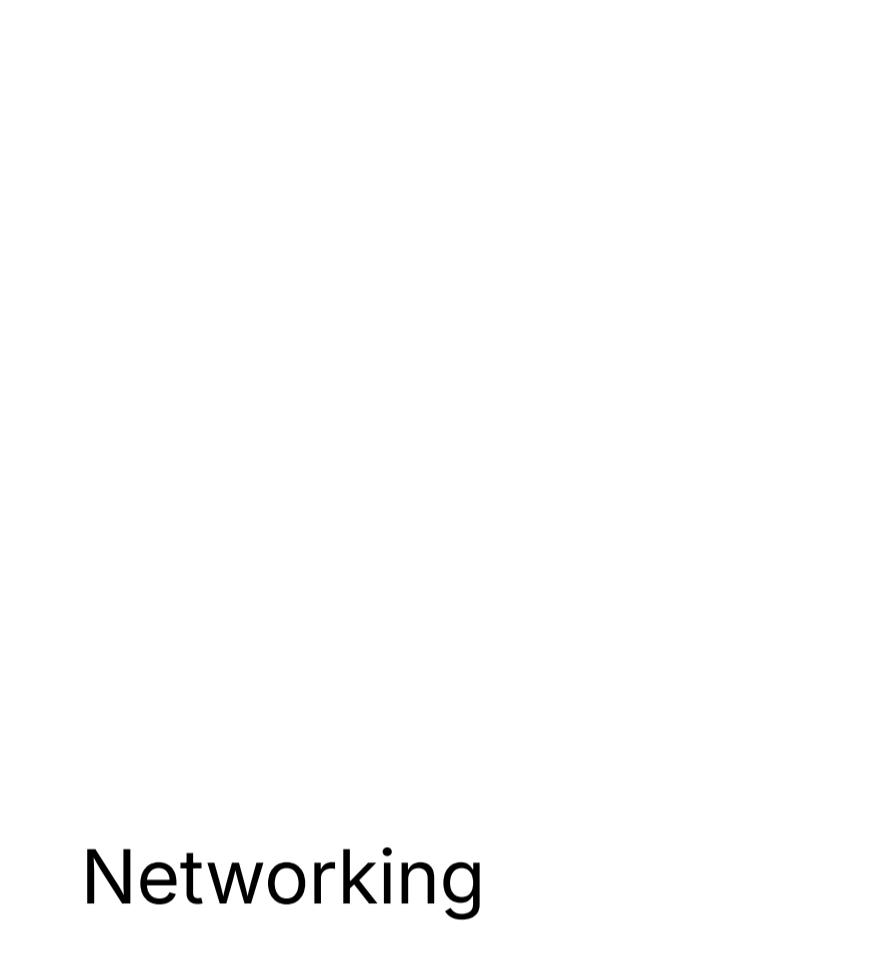
Here the size and layout will again greatly factor into the decision on what devices are best suited for your use case. The number of people typically in a meeting will determine whether your webcam needs to be wide-angle, and if it needs the ability to zoom in on whoever is speaking. Does every seat need its own dedicated mic, or would a single omnidirectional microphone in the centre of the table be more appropriate? Will the speakers on the TV screen be enough, or is the boardroom large enough to warrant in-wall or in-ceiling speakers? These are some of the things to be considered when determining what type of AV hardware to use.

### How Much Should I Budget?

After decades of office & boardroom installations, our trained & certified installers have seen it all. We can help you determine what type of boardroom audio / video system will work for you, and we can provide you with a budget range to help assist your planning. Click the button below to get started.

[Begin Estimate](#)

## Smart Office Automation



A distributed audio system is a clever way to achieve sound coverage for large areas in less time and with greater efficiency. This type of installation typically consists of installing speakers on the walls, ceiling, or underneath flooring; then routing signals through an amplifier to control volume levels so that each room has specific requirements met according to its size.

### Multi Channel Vs Multi Zone Audio

A multi-channel amplifier will reproduce the same audio source distributed at the same volume over multiple speakers. For example, having background music in your office provided by in-ceiling speakers. When you turn up the volume knob, the volume is increased on each speaker equally.

A multi-zone system will give you independent control over groups of speakers in different locations. For example, having different music playing in your office lobby vs the main working area. This would require a multi-zone audio system.

### Controlling Your Distributed Audio System

There are several ways to control your distributed audio system, and we work with clients to determine the best way for their specific use case. In smaller offices many find using the smartphone app easiest, and in larger offices we typically mount a tablet for an easy, centrally located control centre.

### How Many Speakers Do I Need?

Ultimately this will depend on factors like your ceiling height, your room layout, and decor. That being said, for office layouts, a good rule of thumb is if you have 10 ft. ceilings, each speaker will cover about 400 sq ft. Having multiple speakers also gives you the ability to set a lower, but consistent volume across the office. Having a single speaker in a corner can lead to situations where the volume is too loud for those closest to the speaker, and too quiet for those across the room.

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## Networking



Ensuring your office has a strong and robust network is the single most important thing that we do, as your network is the lifeblood of your business that controls everything. Aside from your actual data and work, the network is what controls your distributed video or distributed audio systems, security systems, lighting automation, and impacts your ability to host virtual meetings in the boardroom.

### How Many Access Points Does My Office Need?

To determine how many access points you will need, first consider the size, layout, and construction of your building. Does your building have concrete floors? Does it utilize metal studs or wood studs? What is the current distance from the router to the furthest point in the office? All these factors will help determine how many WiFi access points you will have to install.

### Does Our ISP Matter?

As long as you are getting fast enough upload and download speeds coming into the building, ultimately your choice of internet service provider is up to you. We are familiar with all the ins and outs of their specific modems and routers and will be able to work with any ISP.

### Are There Too Many Competing Networks In My Space?

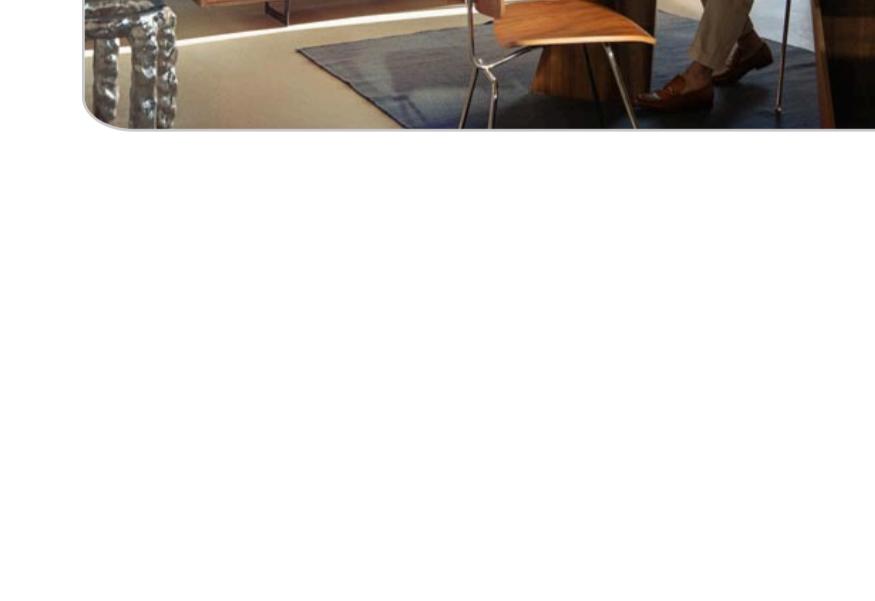
It can be frustrating to open up your computer and see a dozen or more WiFi networks in your immediate vicinity, and then have trouble connecting to your network. It is possible that you are getting interference from competing WiFi networks operating on the same channel as yours. We utilize hardware and software to generate a "heat map" of the WiFi coverage in your office. This includes the strength and channels of nearby networks so we can ensure the least amount of interference for your network.

### Ready To Request An Estimate?

After decades of office networking installations, our trained & certified installers have seen it all. Click the button below to fill out a short questionnaire for us to learn how we can best help your business.

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## Distributed Video



Video is becoming more and more centralized. With the invention of distributed video, one source can be shared with multiple TVs that are all connected to a switch. For example, you can setup multiple screens in your office which can be set to display the same source (stock information), or different sources (different news channels).

### Controlling Your Distributed Video System

There are several ways to control your distributed video system, and we work with you to determine the best way for your specific use. Smaller offices may find it easiest to control through the smartphone app, or single unified remote control. We can also install wall switches to make changing video sources a breeze.

No more fumbling with multiple remotes and trying to match the right inputs and outputs.

Another benefit of distributed video is it allows for all the equipment to be stored in a closet, or somewhere out of sight. This will keep your office clean and free from the extra clutter of electronics.

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