

## What is a *Clientless* Wireless Presentation System?

A Wireless Presentation System (WPS) is a practical and elegant content sharing solution that replaces the “old fashioned” AV wired way of sharing content. With a WPS, no need to worry about the VGA or HDMI cable nor about the audio output to connect your PC and start presenting. There are many such solutions available in the market, like Barco ClickShare, Crestron AirMedia and others. So how do these WPS work?



Some WPS rely on a proprietary engine, that runs on both the transmitting and receiving sides like for example the MirrorOp Sender and MirrorOp receiver utilities. In such cases, a software client or an application needs to be installed on the user’s personal device enabling it to mirror its screen on the receiver (the main display in the room). Without this client software on the user’s device, sharing wirelessly would not work. Hence, if someone walks into a conference room that is equipped with such a WPS and wants to present from his/her personal device, the client software needs to be installed on their device first. In most of the cases, the client installation process is hidden and happens in the background. For example, this happens when the presenter is requested to plug a USB dongle to connect the personal device for the first time.

Other WPS rely on wireless screen mirroring protocols and standards such as AirPlay, Miracast, and Intel WiDi to wirelessly mirror the personal device’s screen onto the room’s main display. Using this technology, the user doesn’t need to install any software client or application on his/her personal device prior to presenting. The AirPlay protocol for example is supported on virtually all new iOS devices in the market, therefore, most iOS devices would natively connect to the room’s main display through an Airplay enabled receiver. The Miracast protocol will practically allow Windows 10 devices and most Android devices to natively connect to the room’s main display through a Miracast enabled receiver, because the Miracast protocol is already supported on these devices. Windows 10 systems and some Android systems can even be remotely controlled during a Miracast wireless screen mirroring session. This second type of WPS is referred to as *Clientless* Wireless Presentation Systems, and they provide a seamless connectivity experience.

When presenting the “old fashioned” way using a VGA or HDMI cable, you don’t need to install a software client or an application on your device! A WPS should keep this advantage and allow you to present without the need to install any proprietary software!

At SilexPro we are committed to providing you the most natural and hassle-free overall collaboration experience, thus our collaboration solutions come with an embedded standard based CYOD (Connect Your Own Device) system, that supports the Airplay, Miracast and Intel WiDi protocols for a seamless and native *Clientless* wireless presentation experience.