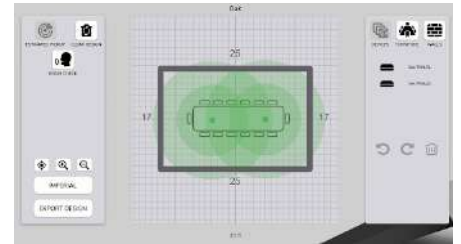# From Design to Implementation

Stem was designed to give every IT department the freedom to design, install, and manage every meeting room all on their own.
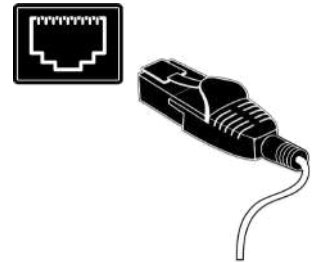
Design

On stemaudio.com you can virtually recreate any meeting room using our RoomDesign tool. You can add dimensions, furniture, and mix and match Stem Audio devices. Once your design is complete you can check the estimated coverage range of your selected Stem devices so you know exactly which products are right for your meeting space before you even make a purchase.

Install

When your devices arrive at the office installation couldn't be any easier. All you have to do is place or mount your devices, connect each device to your network with an Ethernet cable, and let them boot up automatically. Lastly, jump on the Stem Ecosystem Platform, and assign your devices to the room you're in. With Stem, your rooms are up and running in no time and all on your own.
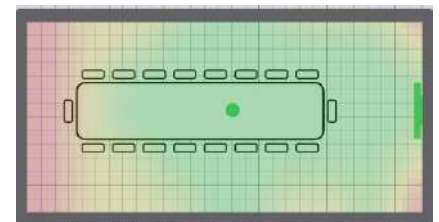
Optimize

Once your devices are assigned to a room, you can utilize our RoomAdapt feature on the ecosystem platform. RoomAdapt replaces hours of painstaking DSP programming by auto calibrating based on the acoustics of the room at the press of a button. With RoomAdapt, you can instantly optimize Stem devices on your own in any room.

Verify

Once you've completed RoomAdapt you can use Stem RoomCheck to help you verify a successful install. Our proprietary algorithm allows you to see the clarity of voice pick-up from anywhere in the room. When RoomCheck is complete, you will have an accurate heat-map of your room's audio pickup so that you can make sure you're always heard from anywhere in the room.

Manage

The Stem ecosystem platform gives you the ability to remotely manage allows you to monitor usage, generate reports, and receive alerts from anywhere, in real-time, so you can address issues before a meeting is interrupted. All you need to do to access the platform is download the app for iOS or Android or use it directly on Control to keep track of all of your rooms and devices, all from the comfort of your own office.
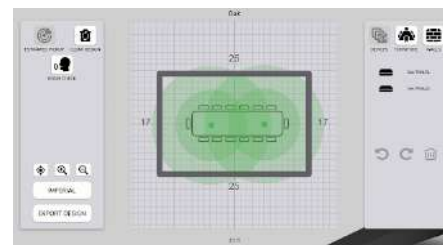
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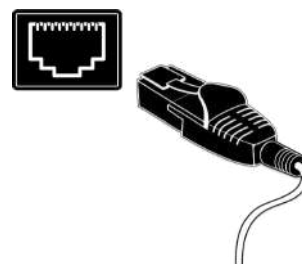
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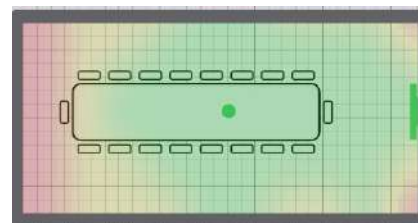

RoomAdapt

RoomAdapt let's you tune your room at the press of a button. When you initiate RoomAdapt, the devices analyze the audio pickup and reverberance from different parts of the room. The products will then use that information to adapt and adjust themselves accordingly to work optimally for their particular placement in that specific room.

RoomCheck

RoomCheck is a five second test that helps you verify a successful install. Our proprietary algorithm allows you to see the clarity of voice pick-up from anywhere in the room. When RoomCheck is complete, you will have an accurate heat-map of your room's audio pickup so that you can make sure you're always heard from anywhere in the room.

Remote Management

Remote management allows you to monitor usage, generate reports, and receive alerts from anywhere, in real-time, so you can address issues before a meeting is interrupted. So weather you have five or 500 meeting rooms, you can keep track of them all with our Stem ecosystem platform.