Extron
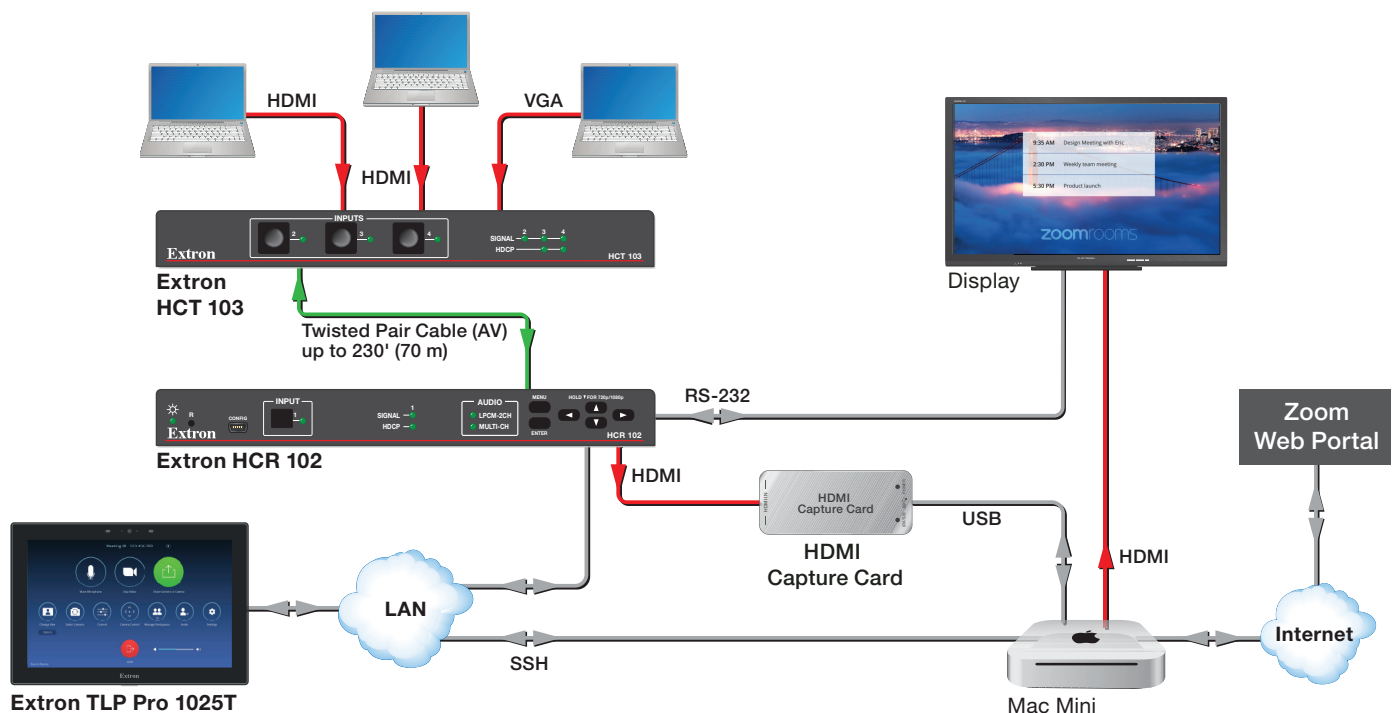
Zoom Room Configuration for the HC 400 Series

Introduction

Extron has partnered with Zoom Video Communications. This alliance extends Extron control capabilities to any Zoom Room, providing one-touch conferencing, collaboration, and now AV room control. A single interface on your Apple® iPad® or Extron touchpanel is all you need to control every conferencing and audiovisual function. This partnership provides turnkey, centralized control of AV devices, shades, lighting, audio, and much more – all from the familiar Zoom Rooms interface.

Key features:

• Extends the capabilities of Zoom Room systems to include AV system control where needed

• Provides analytics and management using Extron GlobalViewer Enterprise (GVE)

• Combines Zoom Rooms with Extron AV device control options for a unified AV experience

• Integrates room sensors to trigger lighting, shade control, and other devices for no-touch meeting startup and energy savings

• Integrates with other Extron architectural, signal distribution, and collaboration products

Figure 1. **A Typical System Featuring an Extron TLP Pro 1025T with a Zoom Interface and an HCR 102**

Basic Setup Instructions

This section provides a summary of the basic steps to set up a system that consists of the following items:

• An Apple Mac® computer or a computer using Microsoft® Windows® that is running the Zoom Room application

• An HDMI capture card

• An Extron HC 400 Series system (featuring the HCR 102 receiver)

• An Extron TLP Pro 1025T touchpanel

• The Zoom Room Global Configurator configuration template

For additional system details and examples of more screens, see the release notes for this Zoom Room configuration, available via **https://www.extron.com/article/zoompartnership**.

For details on using an HDMI capture card with Zoom Rooms, see
https://support.zoom.us/hc/en-us/articles/201504265-Wired-HDMI-Screen-Share-via-Capture-Device.

> **NOTE:** These instructions assume that you have already installed Extron Global Configurator (GC) Professional or Plus and Extron Toolbelt software on a PC, and that you have a basic familiarity with both software packages.

To set up the system:

1. Cable the devices that are part of the system (the HCR 102, the TLP Pro touchpanel, display device, Mac or PC, HDMI capture card, configuration PC, and so forth) and power them on.

2. Download and install the Zoom Room software on the Mac computer or PC. For details, see the Zoom website support pages.

   > **NOTE:** Zoom recommends that you configure the Mac or PC for kiosk mode, to allow Zoom Rooms to start and allow the Mac or PC to log in automatically in the event of system restart. For details see **https://support.zoom.us/hc/en-us/articles/203689369-Kiosk-Settings-for-Zoom-Rooms**.

3. Launch the Zoom Room application on the Mac or PC.

4. Sign in to the target Zoom Room account as an account owner or administrator, or sign in via an activation code.

   > **NOTE:** At this time the pairing code sign-in method is not supported. See the Zoom website for details on sign-in methods.

5. Sign in to the Zoom web portal and set the passcode for the target Zoom Room (see the Zoom website support pages).

6. Make a note of the passcode used for the control system API. You will need to enter that passcode in the Global Configurator configuration file, in the password field for the Zoom Room driver.

7. On a PC, open Global Configurator.

8. In Global Configurator retrieve and open the Zoom Room system template project:

   a. Select **File** > **Download Project**.

   b. Enter the IP address, username, and password of the HCR 102.

   c. Click **Download**.

9. Change the IP address of the HCR 102 receiver from 192.168.1.1 to the IP address assigned by your IT department.

10. Change the IP address of the TLP Pro 1025T touchpanel from 192.168.1.2 to the IP address assigned by your IT department.

11. Change the IP address of the Zoom Room driver from 192.168.1.3 to the IP address that is assigned to the Mac or PC. If no GUI layout changes are needed, proceed to step 15. Otherwise, proceed to step 12.

12. Export the GUI layout from the Global Configurator project.

13. Modify the GUI layout using Extron GUI Designer software (available from **www.extron.com**) and save the layout.

    > **NOTE:** The included GUI layout was designed for TLP Pro 1025T, but it can be changed to a different model or size of TLP Pro touchpanel using GUI Designer.

14. Import the modified GUI layout back into the GC project.

15. In GC, add all other device drivers for the project and configure settings as needed.

16. Build and upload the GC project to the HCR 102.

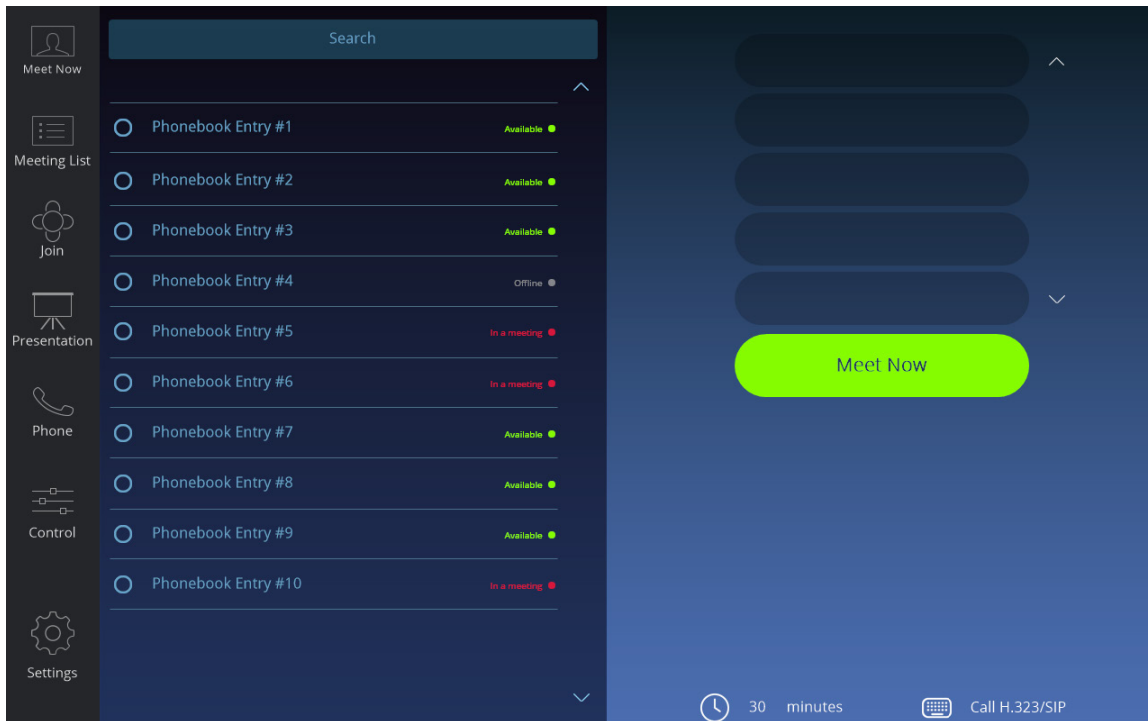The system is now ready to use.

Zoom Room Page Examples

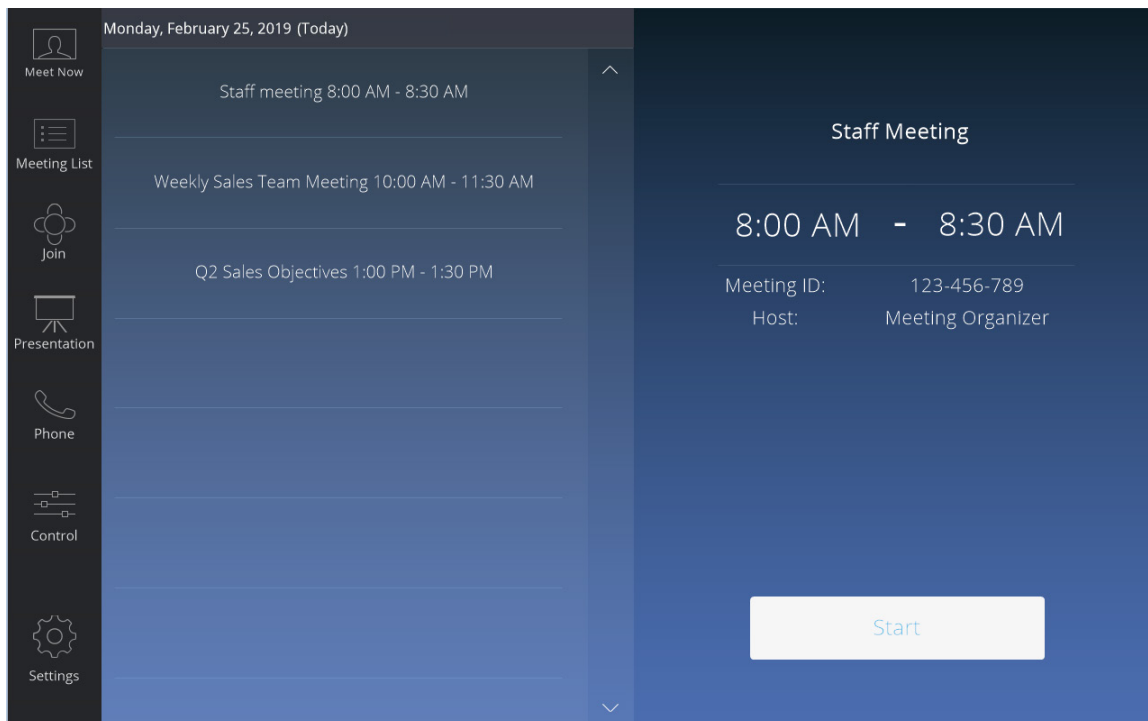

Figure 2. The Meet Now Page

Figure 3. The Meeting List Page

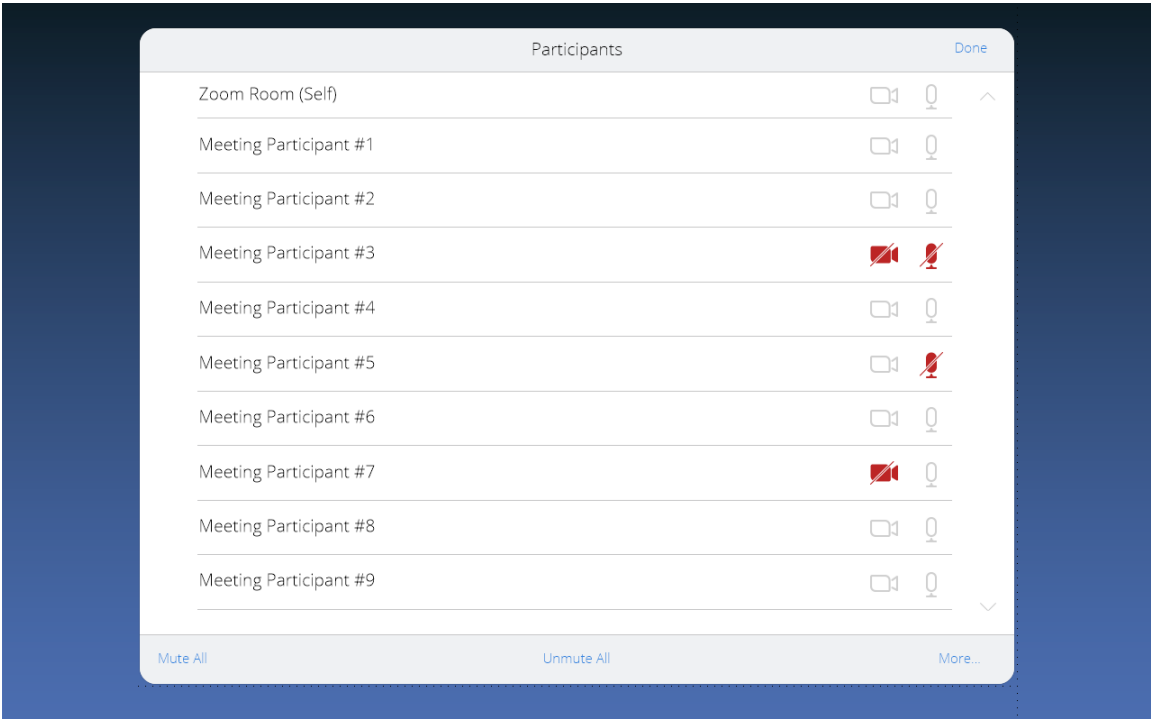**Figure 4.** The In-Meeting Page

Figure 5. The In-Meeting Participants Page

For information on safety guidelines, regulatory compliances, EMI/EMF compatibility, accessibility, and related topics, see the **Extron Safety and Regulatory Compliance Guide** on the Extron website.