

## Overview

Patient comfort can be enhanced by allowing patients to enjoy their daily life as much as possible. One way to accomplish this is to give them the ability to use their own portable electronic devices with their in-room television to watch movies, play games or surf the Internet. Solutions for this environment must be kept as simple as possible while adhering to the appropriate standards for use in medical settings.



## How do Cables To Go solutions fit into this type of application?

For simple connectivity of multiple media sources the TruLink® Media Gateway offers flexibility by providing a variety of different input ports. The Media Gateway automatically switches between inputs and connects to an HDTV with a single HDMI® cable. Pro Series plenum HDMI cables are ideal for medical facilities due to their jacket rating. The plenum, or CMP, cable jacket rating allows the cable to be run within a plenum air environment. Our line of HD15 UXGA with audio cables, Velocity™ HDMI, and our line of Velocity composite video are ideal for connecting the audio video output of the patient's devices to the inputs on the Media Gateway. We also offer a full line of hospital grade power cables designed to meet the critical needs of patient monitoring equipment.

## Patient Room Solution Example

A hospital plans to update patient rooms with equipment that will allow the patient to connect and display content from their personal electronic devices. The connection point for the patient's devices will be located on a bed side table approximately 35ft from the in-room TV. The solution must allow for the connection of multiple devices with varying audio/video outputs. In order to keep the solution as simple as possible, the in-room TV must receive all audio and video input signals through a single HDMI port. The cable used to connect from the bed side table to the in-room TV will be run through an air plenum within the ceiling and must meet the building's fire code requirement for a plenum-rated jacket.



## Solution Overview

The solution we recommend is our TruLink® Media Gateway, and a 35ft Pro Series plenum-rated HDMI® cable (#41192). A 6ft Velocity™ HDMI (#40315) cable will allow the connection from the output of the patient's HDMI device to the HDMI input on the Media Gateway. We also recommend our 6ft UXGA and 3.5mm audio cable (#52110) as well as our 6ft Velocity composite video and stereo audio RCA cable (#13037) to connect a computer or a composite video device to the inputs on the Media Gateway. The Media Gateway will also accept input from an iPod® using the included iPod cable.

## Solution Components

**Description:** TruLink Media Gateway

**Application:** Accepts audio/video inputs from the patient's devices. Automatically switches to the active input and outputs a high-definition signal to the TV through a single HDMI cable

**Quantity:** 1



**Description:** 35ft Pro Series HDMI Plenum-Rated Cable

**Application:** Connects the video output of the Media Gateway to the video input on the TV

**Part number:** 41192

**Quantity:** 1



**Description:** 6ft Velocity HDMI Cable

**Application:** Connects the HDMI video output of a device to the HDMI input on the Media Gateway

**Part number:** 40315

**Quantity:** 1



**Description:** 6ft HD15 UXGA and 3.5mm Stereo Audio Cable

**Application:** Connects a computer's audio/video output to the input on the Media Gateway

**Part number:** 52110

**Quantity:** 1



**Description:** 6ft Velocity RCA Audio/Video Cables

**Application:** Connects the audio/video output of a composite video device to the input on the Media Gateway

**Part number:** 13037

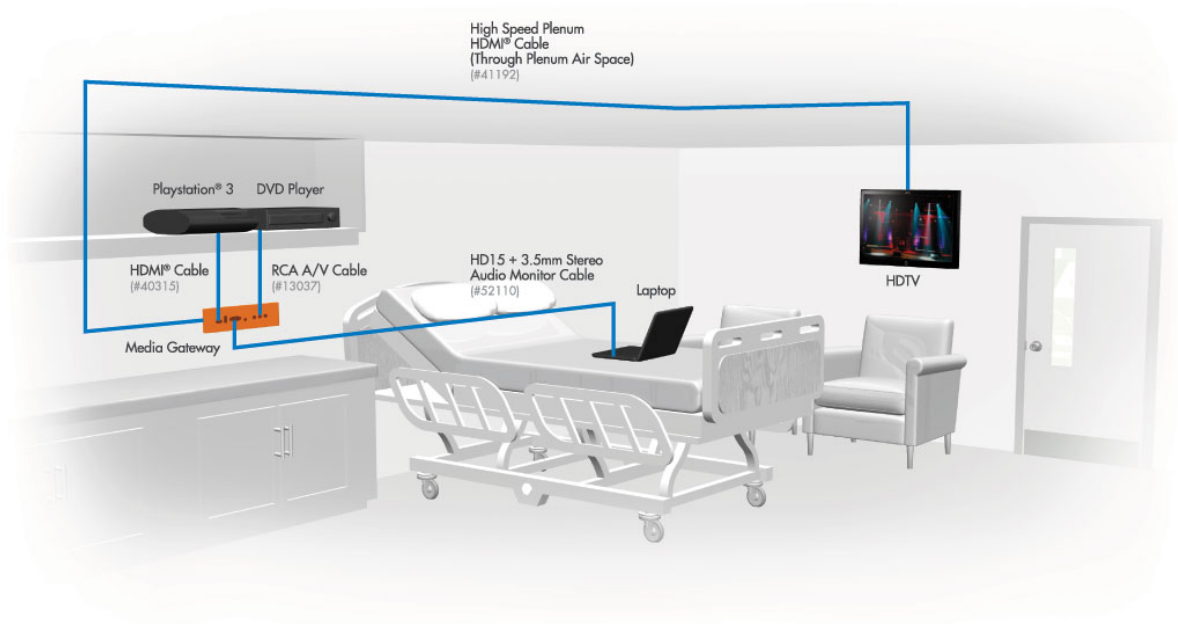
**Quantity:** 1



**Note:** The solution described above is one of many connectivity solutions that Cables To Go can provide. For additional information on solutions for your particular application, please contact us.



# Application Note - Education Patient Room Connectivity Solutions



 **CablesToGo**™  
Service Through Every Connection