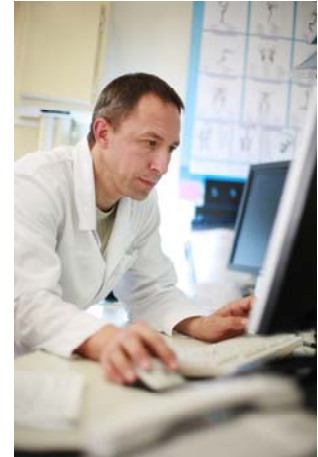


Overview

The nurses' station is the central hub of a hospital floor. Effective communication of vital information is the key to successful operation. Nurses must have access to daily assignments, patient charts, patient records and databanks of clinical information. Having the ability to display content from a single system on multiple monitors is an invaluable resource because it allows staff to readily access required information. In some situations, multiple computers are used at a single desk. Controlling those computers from a single monitor, keyboard and mouse eliminates confusion and reduces clutter on the desk.



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

Our selection of video splitters allow content from a single computer to be displayed on multiple monitors. The splitters support long lengths of cable, up to 210 ft, which allows the monitors to be placed in the optimal location for the communication of critical information. Pro Series UXGA cabling is ideal for an application using a signal splitter. The Pro Series cabling uses premium coax and twisted pair shielded construction. This allows the use of long cables without ghosting or signal distortion. We offer a full line of hospital grade power cables designed to meet the critical needs of medical equipment including power extension cables. The power extension cables can be used to provide power for a monitor placed in a temporary location during an event or presentation.

Nurses' Station Solution Example

A nurses' station at a hospital has four computer systems that are used to display daily assignment information that must be seen by all nurses as well as patient charts, patient records, or databanks of clinical information. The nurses' station has five separate monitors approximately 25ft away that all must display the daily assignments from one of the computers. The remaining three computers display sensitive information, therefore will only send that information to a single monitor. All four computers must be controlled from a single monitor, keyboard and mouse. One of the computers is in a secure location approximately 10ft away from the console.



Solution Overview

The solution we recommend is the 8-Port UXGA monitor splitter/extender (#29552). A male to female VGA cable (#28000) connects from the video output of one of the computers to the input of the splitter and will provide the video signal that will be split to the monitors. Male to male Pro Series UXGA cables (#28014) connect from the outputs of the splitter to the inputs of the 5 displays. To control all four computers we recommend our four port KVM (#35555). One of the outputs from the video splitter (#29552) will be connected to a video input on the KVM in order to show the content from the computer connected to the splitter. The other three computers will be connected directly to the KVM. The computer that is located in the secure location will require a long KVM cable (#14176).

Solution Components

Description: 8-Port UXGA Monitor Splitter/Extender

Application: Display content from a single computer on up to 8 monitors

Part number: 29552

Quantity: 1



Description: 3ft Pro Series HD15 UXGA Monitor Extension Cable

Application: Connects the video output of the computer to the video input on the splitter

Part number: 28000

Quantity: 1



Description: 25ft Pro Series HD15 UXGA Monitor Cable

Application: Connects the video outputs of the splitter to the video input on each display

Part number: 28014

Quantity: 5



Description: TruLink® 4-Port VGA/USB and PS/2 KVM with Cables

Application: Allows for control of up to 4 computers from a single monitor, keyboard and mouse

Part number: 35555

Quantity: 1



Description: 10ft USB 2.0 + SXGA KVM Cable

Application: Used to connect the computer that is more 10ft away from the KVM

Part number: 14176

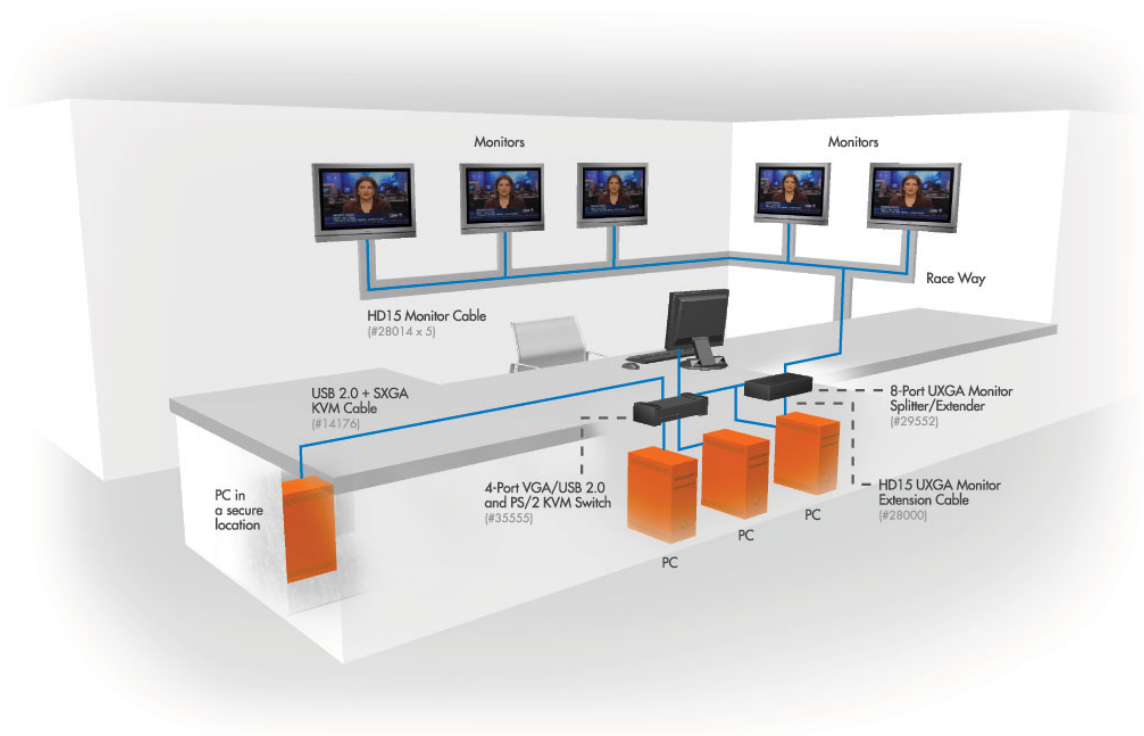
Quantity: 1



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 - Healthcare Nurses Station Connectivity Solutions



 **CablesToGo**™
Service Through Every Connection