



## **Specialists in Hospital TV Control Systems**

[info@bh-communications.com](mailto:info@bh-communications.com)

514-696-6820

## **BH Communications specializes in Hospital TV Control Systems & Software.**

**We have over 27 years of experience in addressability for the CATV industry. We offer On-Off, and Multi-Tier control of CATV services at unbeatable prices. Our addressable control software and custom software solutions are in use in hundreds of Hospitals for over 18 years!**

### **BH Communications provides;**

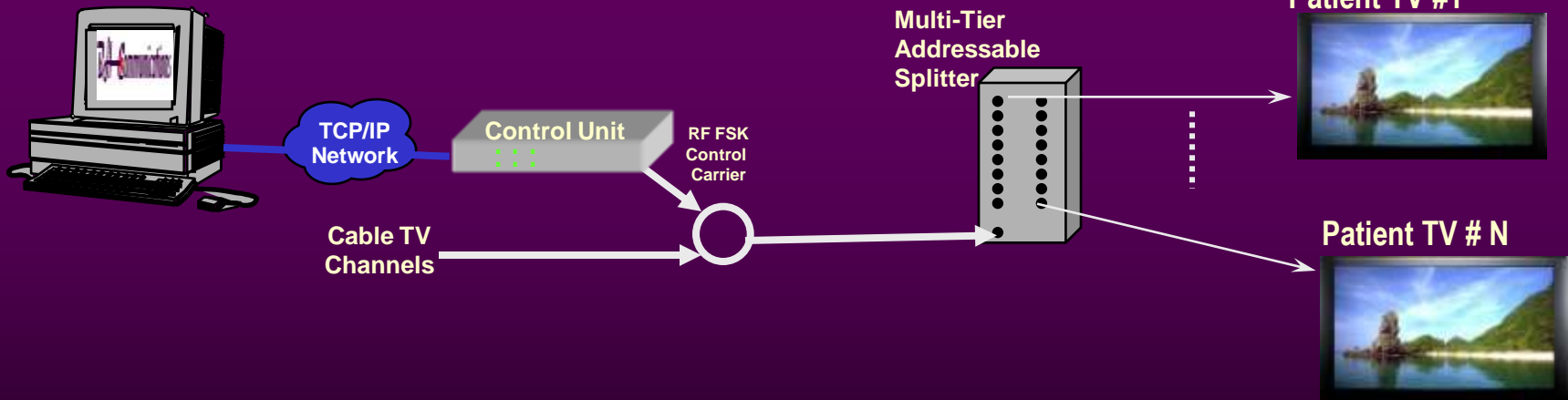
- **TV control & TV rental systems for Hospitals & Hotels.**
- **Custom software solutions.**
- **VOD Video on demand for patient education.**
- **Information Channel Generators.**
- **Full line of Cable TV headend and plant equipment.**
- **Cable TV test equipment.**
- **Consulting and system installation.**

# Hospital TV Control System

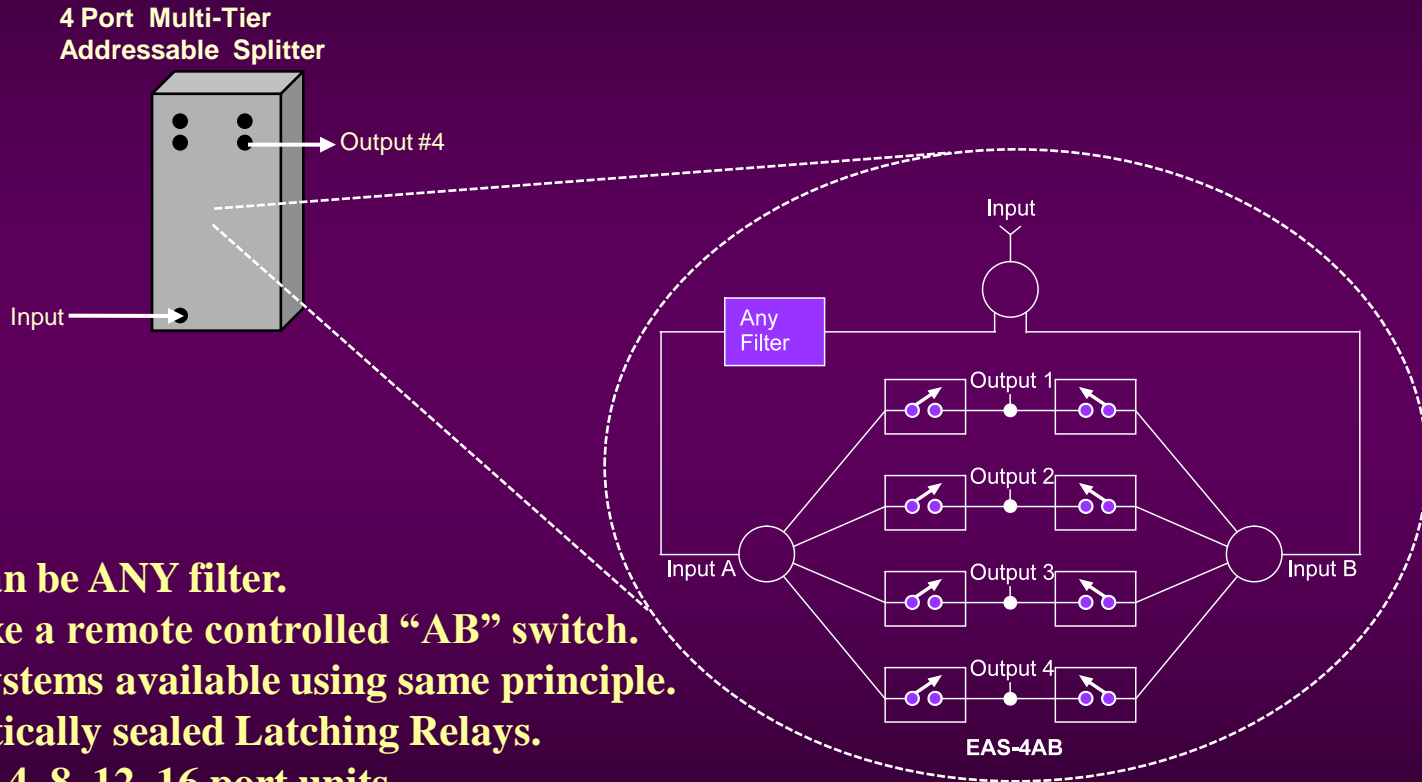
- The TV service is entered on the PC
- Uses Addressable Splitters and Taps to control patient TV service.
- Works with ANY TV

## CableSoft Site

Hospital TV control software



## Operation of a 2 Tier System using a Filter



- **The filter can be ANY filter.**
- **Operates like a remote controlled “AB” switch.**
- **3 & 4 tier systems available using same principle.**
- **Uses hermetically sealed Latching Relays.**
- **Available in 4, 8, 12, 16 port units.**
- **Works with ANY TV.**

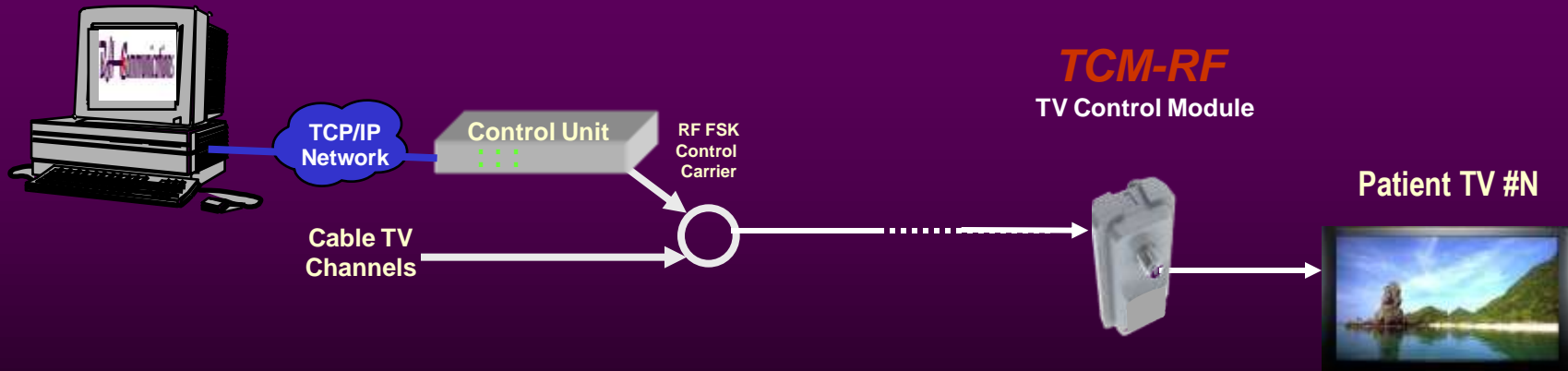
## Hospital TV Control System - TV service is entered on the PC

**TCM-RF** - TV Control Module with built in tier filters

- 2 & 3 tiers of TV control
- Works with ANY TV
- Easily installation, mounts behind TV

### CableSoft Site

Hospital TV control software



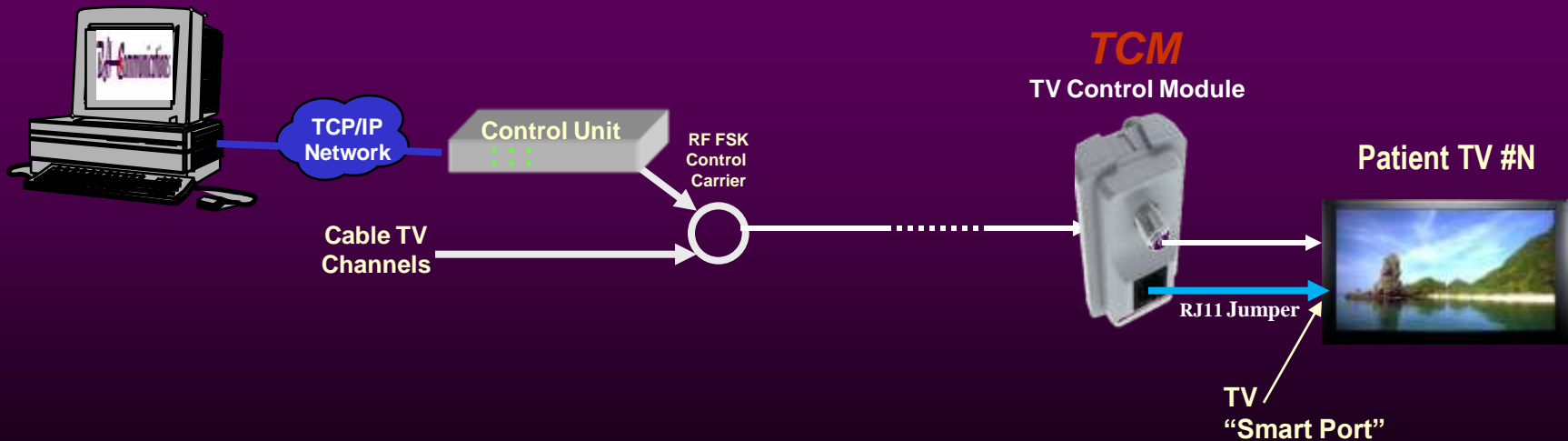
## Hospital TV Control System - TV service is entered on the PC

### **TCM** - TV Control Module For Multi-Tier Control

- Controls the TV tuner via commercial TV's Smart Port
- Controls 8 tiers of service
- Easily installation, mounts behind TV or inside the electrical box

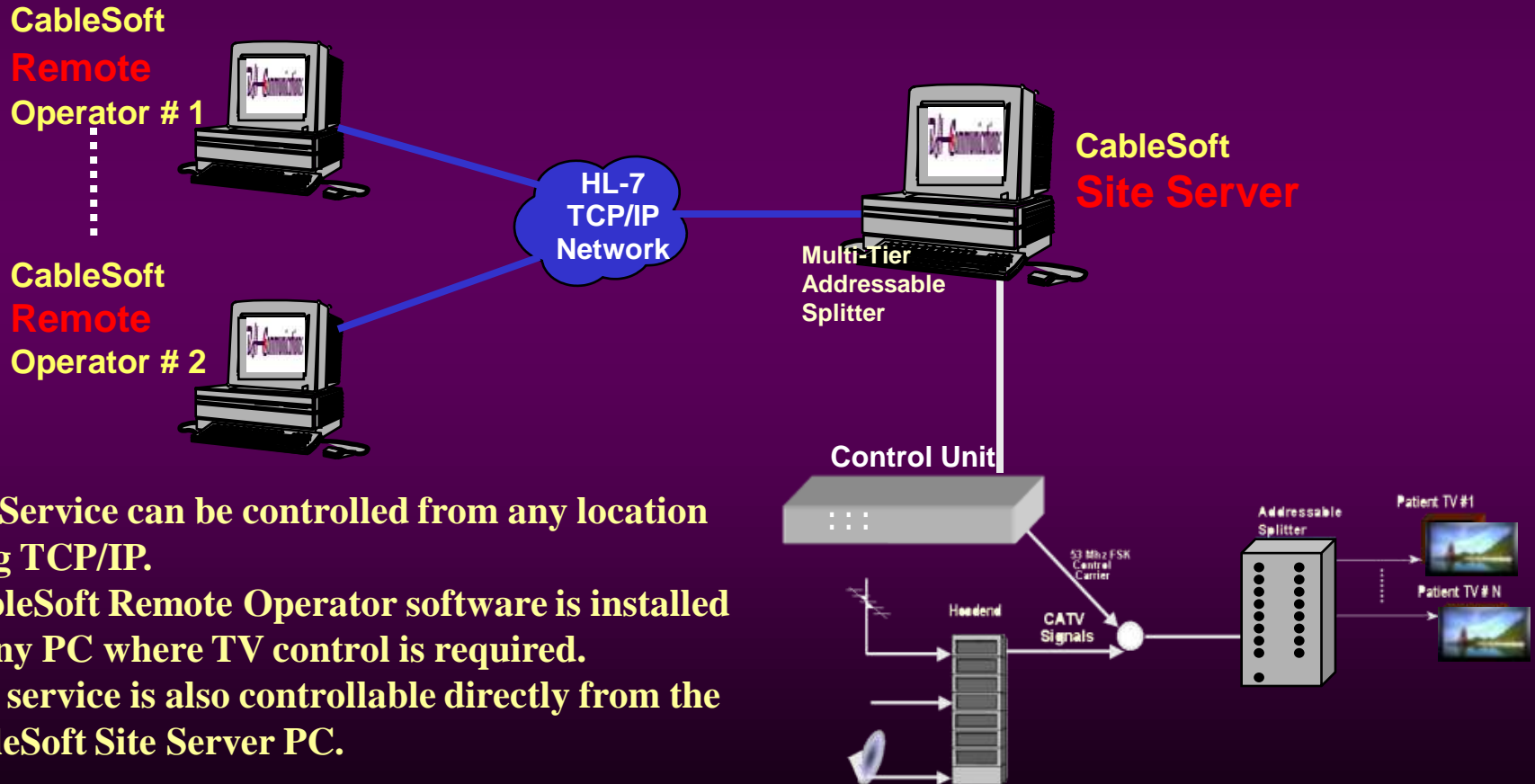
### **CableSoft Site**

#### Hospital TV control software



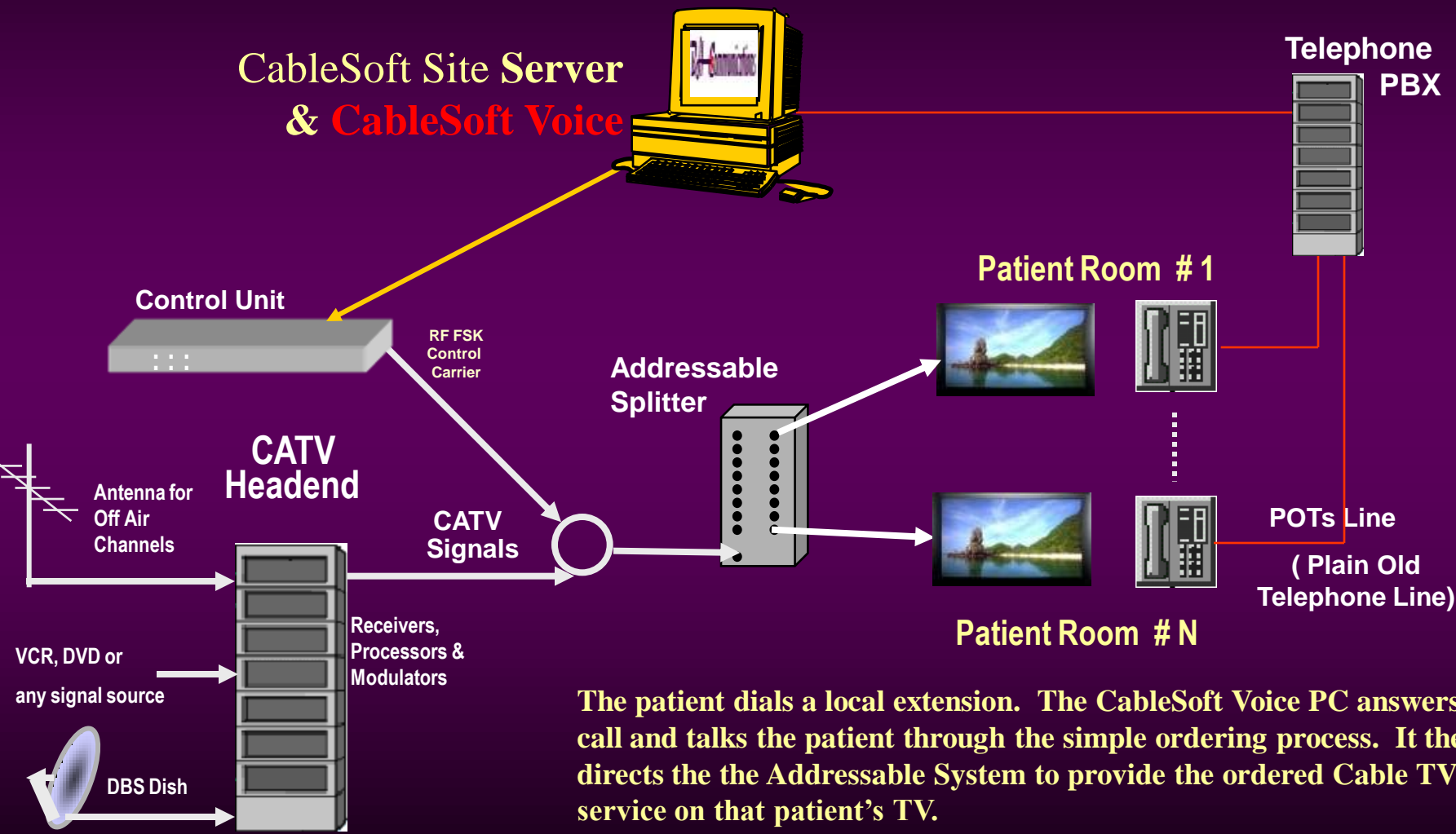
# Multi User System – CableSoft Site Server

Single hospital site with TV Service controlled by Multiple Operators.



- TV Service can be controlled from any location using TCP/IP.
- CableSoft Remote Operator software is installed on any PC where TV control is required.
- TV service is also controllable directly from the CableSoft Site Server PC.

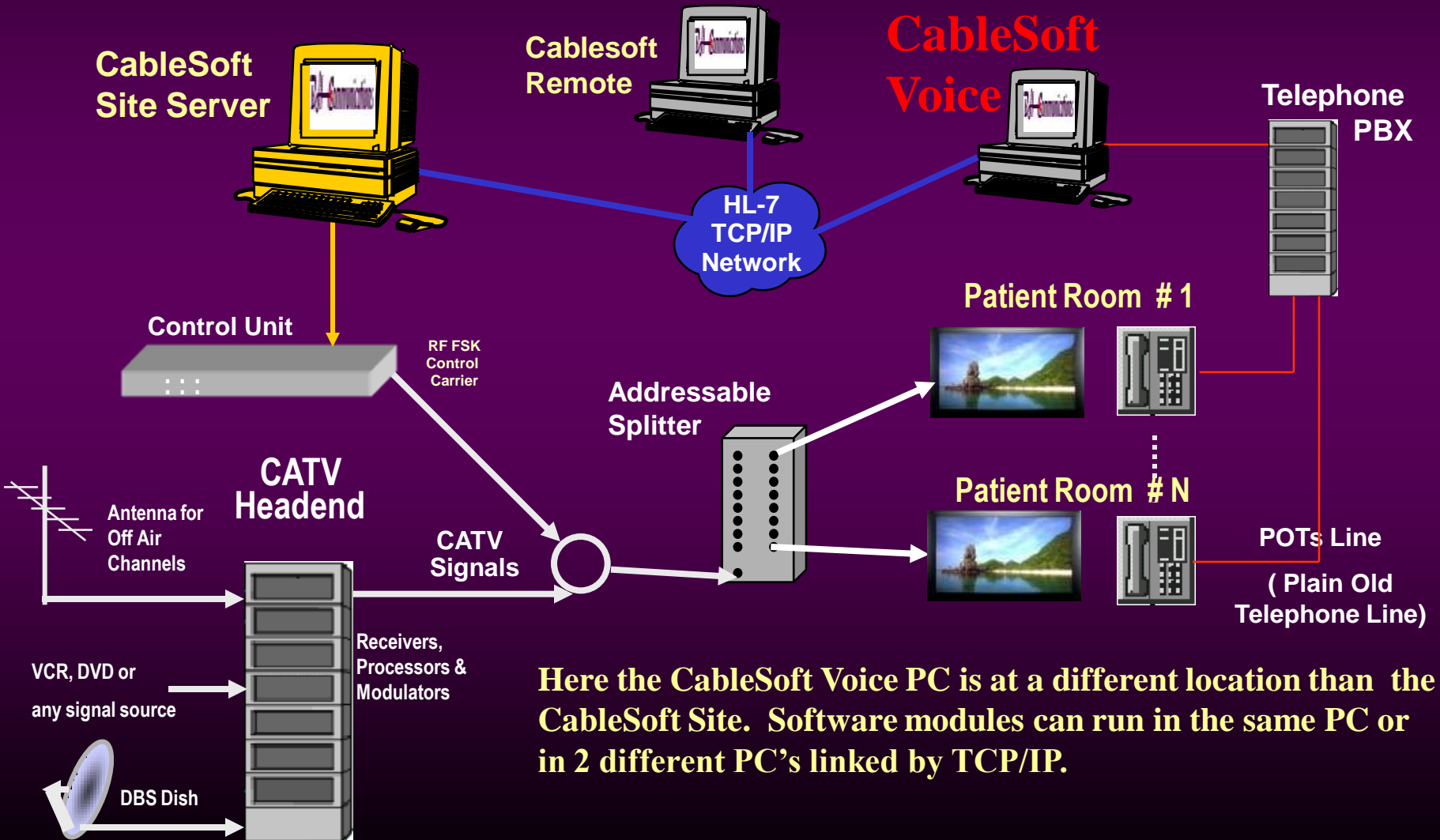
# Patient Self-Activation by Phone – Cablesoft Voice



The patient dials a local extension. The CableSoft Voice PC answers the call and talks the patient through the simple ordering process. It then directs the the Addressable System to provide the ordered Cable TV service on that patient's TV.



# Patient Self-Activation by Phone – Modular Software Architecture



**Here the CableSoft Voice PC is at a different location than the CableSoft Site. Software modules can run in the same PC or in 2 different PC's linked by TCP/IP.**

## CableSoft ADT HL-7 Interface

- ◆ The HL-7 ADT (Admit Discharge Transfer) interface is available as a program module that works with the CableSoft Site Server.
- ◆ The HL-7 interface provides the hospital's ADT computer with the patient's TV order and billing information. It also allows the ADT computer to direct the patient's TV status.
- ◆ Patient TV service follows the patient automatically when the ADT sends patient bed transfer info to the HL7 interface.
- ◆ HL-7 is a hospital industry standard protocol to control all types of peripheral devices and systems in hospitals.

# Hospital TV Control Call Center

## Call Center

**CableSoft  
Master Database  
Server**



**CableSoft  
Remote**

Operator / User #1



**CableSoft  
Remote**

Operator / User # N

Multiple Operators can control TV service from any location.

CableSoft Server can control over 100 hospitals.

## Hospital # N

iPocket  
Ethernet  
to RS232

Control Unit

RS-232



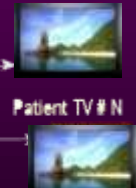
53 MHz FSK  
Control  
Carrier

CATV  
Signals

Addressable  
Splitter

Patient TV #1

Patient TV # N



## Hospital TV Control Call Center –Description

- Patients dial a local in-house extension or toll-free number to reach the call center .
- An operator at the call center enters the TV order and billing information. With CableSoft Remote Operator software the operator can be located anywhere.
- At the touch of a button the CableSoft Server securely authorizes the Credit Card for payment.
- The TV service order is then sent via TCP/IP (internet) to the Control Unit at the Hospital and the patient's TV service is instantly activated.

## CableSoft Site Hospital TV Control Software

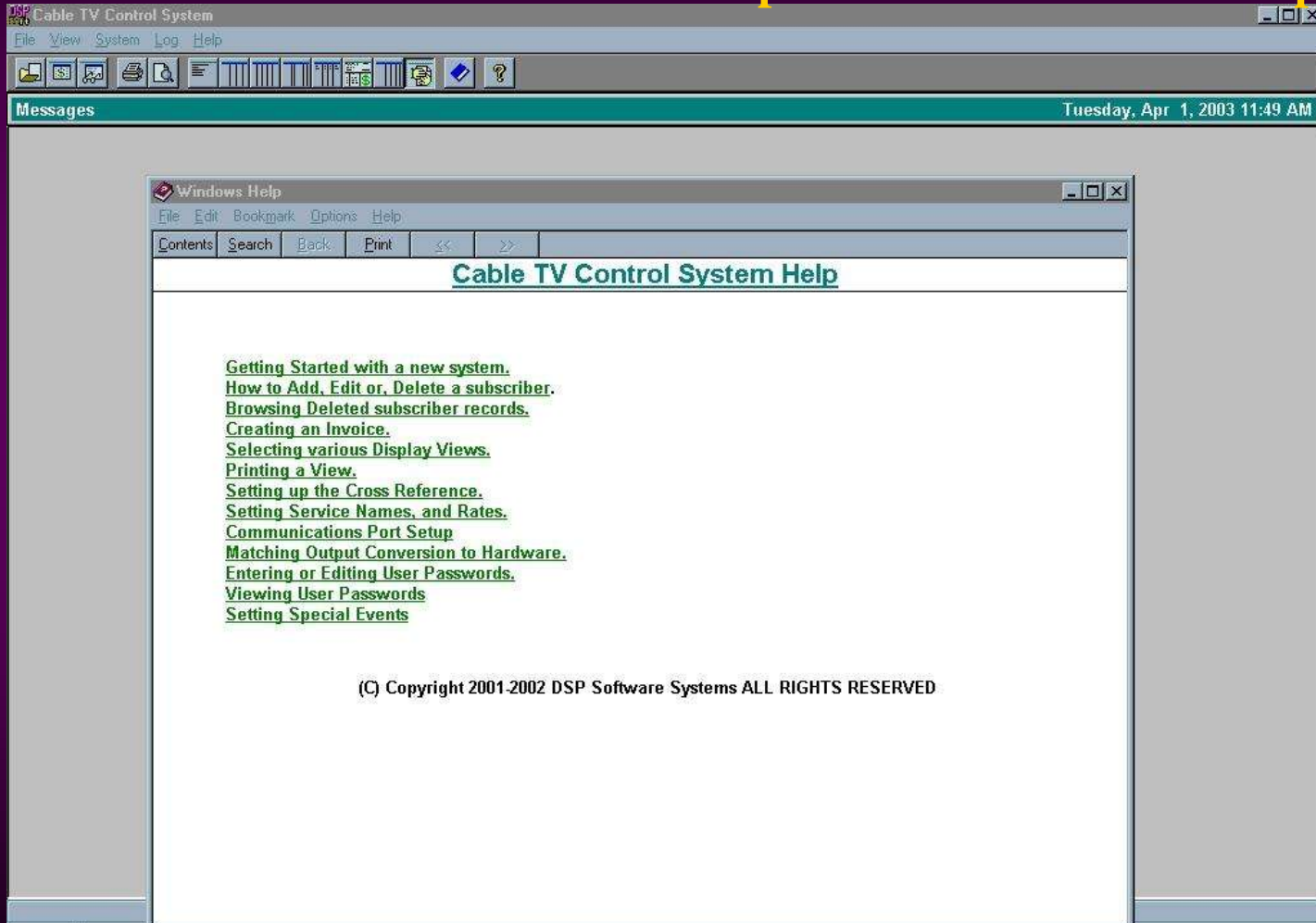
- Runs on any PC .
- Controls up to 8 tiers (levels) of TV service.
- Ten system users with security access levels.
- 8 character alphanumeric room & bed numbers.
- Built in billing and invoicing system.
- Detailed reports are available including active subscribers, summaries of cash totals and statistics for each TV service.



BH Communications

# Windows Hospital TV Control Software

Simple to use with on-line help



The screenshot displays the 'Cable TV Control System' application window. The title bar reads 'Cable TV Control System' and the menu bar includes 'File', 'View', 'System', 'Log', and 'Help'. A toolbar with various icons is visible below the menu bar. A green 'Messages' bar at the top right shows the date and time: 'Tuesday, Apr 1, 2003 11:49 AM'. Overlaid on the application is the 'Windows Help' window, titled 'Cable TV Control System Help'. The help window has a menu bar with 'File', 'Edit', 'Bookmark', 'Options', and 'Help', and a toolbar with 'Contents', 'Search', 'Back', 'Print', '<<', and '>>'. The main content area of the help window lists the following topics:

- [Getting Started with a new system.](#)
- [How to Add, Edit or, Delete a subscriber.](#)
- [Browsing Deleted subscriber records.](#)
- [Creating an Invoice.](#)
- [Selecting various Display Views.](#)
- [Printing a View.](#)
- [Setting up the Cross Reference.](#)
- [Setting Service Names, and Rates.](#)
- [Communications Port Setup](#)
- [Matching Output Conversion to Hardware.](#)
- [Entering or Editing User Passwords.](#)
- [Viewing User Passwords](#)
- [Setting Special Events](#)

At the bottom of the help window, the following copyright notice is displayed:

(C) Copyright 2001-2002 DSP Software Systems ALL RIGHTS RESERVED

## Windows Hospital TV Control Software - **Billing**

- Billing amounts are calculated on a pre-billing (money collected at time of rental) and/or post-billing basis (money is collected at time of patient discharge).
- TV services may be sold & billed on a pay-per-day, pay-per-stay, or pay-per-view basis.
- Variable rate table for each TV service.
- Daily cash register records the money collected.
- Invoices can be printed at any time, along with mailing address labels for monthly statements.
- A history file keeps record of the last 5000 subscribers.



## **Specialists in Hospital TV Control Systems**

[info@bh-communications.com](mailto:info@bh-communications.com)

514-696-6820