

I-Med™ Interactive Media Patient Entertainment and Education System

I-Med™ from Healthcare Cable Systems is a patient-centered, interactive education and entertainment system designed to provide an easy-to-use interface to access television programming, on-demand movies, education, music, games, email, dietary menus, department notification and the Internet using a touch-screen or interactive pillow speaker.

Applications:

- Hospitals
- Clinics
- Surgery Centers
- Chemotherapy Centers
- Dental Clinics

I-Med delivers on a simple promise: Provide access to entertainment, education and information and make it easy-to-use.



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I-Med is flexible so it can work in surgery centers and infusion clinics with 10 – 25 beds or chairs, but it can also scale up to equip a large hospital with over 1,000 beds and any size in between. In addition, **I-Med** can serve multiple facilities from one hub. The key components in the **I-Med** solution are:

- Digital Television Headend
- Video On-Demand System
- Games
- On Demand Movies
- Educational Content
- Music
- Surveys and Tests
- Internet Access
- Touch Screen Monitors for bed or chair side use and/or
- Wall Mounted TV Monitors with Interactive Pillow Speakers

Digital Television

Tube televisions will no longer be manufactured for the hospital, so investments in digital television finally make sense with **I-Med's** ability to stream programming to the new flat panel plasma and LCD monitors available today. These sleek, space-saving monitors are available in durable touch screens or larger footwall units. TV channels can be changed using the touch screen or an interactive pillow speaker.

Video On-Demand System

Video On-Demand is the preferred method to provide patients, staff and visitors with education and information and the **I-Med** interface is easy and intuitive to use. This places education in the hands of the user so they can access the information when they are ready to learn, the “teachable moment.” **I-Med's** Video On-Demand system will work for both educational content as well as movies. It's also the perfect method of providing patients with facility orientation and welcome videos to help them feel more comfortable about their stay.

Educational Content

I-Med provides customer facilities with access to hundreds of patient educational video programs that cover a large majority of topics and are available in multiple languages. HCS has discounts with all of the major educational video providers and will assist the hospital, if requested, in obtaining content.

Games

I-Med games are available via track-ball or mouse on the I-Med keyboard. Hospitals can select a package from a wide array of game options that include categories for children, families, and players of all ages.

Internet Access

Patients can gain access to the Internet with **I-Med** to visit the hospital web site, as well as their favorite sites for news, information and entertainment. **I-Med** also offers access to third party email clients such as Yahoo, G-mail, Hotmail and others. The touch screen monitor includes an on-screen keyboard and wireless keyboards are available with footwall installations.

Multiple Facilities

I-Med solves the problem of working with multiple locations and has the ability to distribute programming to sister facilities and clinics. Content can be prepared at a central location and distributed to remote locations using the Internet or Wide Area Networks. **I-Med** can work with any number of affiliated sites to manage the programming at small remote hospitals or 500+ dialysis clinics spread throughout the country.

Staff Training

I-Med is also perfect for staff training in any size facility. Staff programming is segregated from regular patient programming and requires authorized access. In addition to training, staff gain access to videos of staff meetings, special administration meetings, in-services and other content that has been recorded and placed in the system. Hospitals realize that not all staff training can be accomplished via the computer or in a classroom setting.

Survey and Testing

I-Med includes a Survey and Testing module. This feature provides any facility with the ability to survey patients for feedback on their visit or gather information on local amenities or policies. The testing feature provides you with a methodology to test patients for understanding and comprehension after they have watched an education video. This information can be electronically transferred to the patient's medical record to support your patient education efforts for Joint Commission.

Department Notification

I-Med can include customized screens to allow patients to contact designated departments for specific services. For example, Engineering can be notified if the patient bed is malfunctioning. In addition, hospital staff such as Housekeeping can utilize this feature to notify the supervisor when a room is cleaned and ready for occupancy using I-Med TV screens not available to patients. Nurses will no longer have to address details like this freeing them for more critical patient care needs.

Digital Signage

Connect your waiting rooms, lobbies and common areas with **I-Med's** Digital Signage solution. Network LCD or high definition plasma screens together. Content can be similar or different at each location. Include information screens, messages, announcements, video and emergency information notification to keep visitors informed. Content can be created in a central location and distributed over the network to multiple facilities and multiple locations within each facility.



Patient View™

With the I-Med TV Client, hospitals can choose to add video capability to their nurse call system with Patient View. Nurses and patients will be able to see one another via the I-Med monitor, while they converse. Options can exclude the nurse from seeing the patient or the patient from seeing the nurse. With Patient View, the nursing staff can save valuable time and steps by assessing the patients' requests via video as well as audio. In addition, this feature can be used for pediatric units to assist children attending class via the Internet.

Distribution

I-Med can utilize CAT5/6 or a combination of CAT5/6 and Coax for distribution. CAT5/6 should be separated from a facilities' normal network.



For more information, contact:
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