# Eltrax™ Easy Access Patient Card System

The Eltrax™ Easy Access Patient Card System (Eltrax System) is designed for healthcare providers and payers to personalize and encode magnetic striped, plastic cards for use in admissions / registration processes, marketing programs and general information system access applications. A swipe of the card at the beginning of a registration will initiate a direct hit on the patient's file in the database. The Eltrax System is connected to the healthcare information system via magnetic stripe card readers that connected to a registration PC or terminal.

The Eltrax Easy Access card system acts as a key to access the hospital database system. Unlike High Capacity, which is a portable database, this card system uses a key identifying number such as a medical record number. The program accepts download files from the host system and encodes the magnetic stripe with the key identifying number.

If satellite clinics are also attached to the hospital's database but use a different key to access the database, the card can be encoded with two sets of numbers on two different tracks. Once that is done all that is left to do is swipe the patient's card. This system also reduces inaccurate or duplicate medical records. Since the database is accessed directly by using the patients' card, incorrect name and medical record number queries are eliminated.

These are some of the features of this customized software:

- Personalizes card face with patients name

- Encodes key identifying numbers on magnetic stripe

- Batch printing and encoding

- Printing and encoding single cards

- Reissue patient's card if lost

- Prints mailing labels and envelopes

- Full reporting features

- Editing of database

- Fully customized to fit the needs of the hospital

- Windows XP/7

**CARD ISSUING SOFTWARE**

The Card Issuing Workstation (CIW) software is designed to personalize hospital cards using a thermal graphics printer.    This software package not only can print a patient's name and their medical record number, but also a hospital supplied logo, thus furthering the hospitals ability to customize their cards.    By printing a logo on the front of the hospital card, the card not only serves as an admission tool, but also as a membership card.    With the CIW, the hospital now has the ability to extend even more value to their card.

In addition to the above benefits, the CIW maintains a database of all patients who have been issued cards with the CIW.    This database is compatible with Crystal Reports, an off the shelf software package available at local software supplier stores.    By maintaining a database of card holders, the user can verify card issuance, expedite the re-issuance of lost cards, and create custom reports.

Listed below are the minimum PC specifications needed for the Card Issuing Workstation:

• Windows XP/7 compliant PC
• 500 MB available Hard Disk
• 1 available parallel port for the Printer/Encoder
• 1 available parallel port for a paper printer (optional)


**HCS CARD PRINTER/ENCODER (CPE-500)**

The CPE-500 is a desktop graphics printer and magnetic stripe encoder. The CPE-500 utilizes thermal printing technology and can print as many as 20 fields of text and 60 alphanumeric characters in each field using a wide variety of fonts. The CPE-500 has an input hopper that can hold 100 blank cards. This allows automated card issuance, as the printer will take a card from the hopper, print the card, encode data on the magnetic stripe, and output the card.

Ribbon colors available are:

Black    White
Red     Green
Blue     Yellow
Gold     Silver

Hardware Specifications:

Power:      100 - 240 VAC, 50/60 Hz
Power consumption: 160 watts
Dimensions:     8.7" W x 7.8" H x 12.4" D
Weight:     18 pounds
Operating temperature: 40 - 104°F

**MAGNETIC STRIPE CARD READER (USB Wedge)**

The HCS magnetic stripe card reader incorporates all of the features you need for instant, accurate access to databases and networks used in the healthcare industry. The readers ( USB wedges) use read-only technology, and support hundreds of computers and terminals. The readers are easily installed, connected by cable to the registration PC or terminals. A magnetic stripe card, encoded with a patient identifier, is manually swiped through the reader. Data is passed directly to the appropriate field in the registration screen to facilitate a direct hit on the patient's file in the host information system.

Specifications

Electrical:
5VDC±5% @ 25 milliamp MAX (standby) - 60 milliamp MAX (operating)

Mechanical:
1.62" W x 1.08" H x 4" L
6' Y cable with 6" adapter for 5 pin DIN and 6 pin Mini-DIN connectors

## Eltrax Easy Access Patient Card System Configuration

- The Eltrax Easy Access System connects to virtually any computer system, and does not require an HIS software interface to accept data from the card.
- This system "connects" to either PC or 'Dumb Terminal' workstations via a keyboard port.
- Health Card Solutions custom configures each wedge reader, thus allowing registration personnel to simply swipe the card in order to generate a direct hit on the card holder every time.

To learn more about the Eltrax Easy Access Patient Card System, contact us at healthcards.com or
 (651) 257-3030.