



HealthCare Systems

EHI Export Documentation and Implementation Guidelines

Product Name(s): HCS eMR

Version Number(s): 10.0

Most Recent Documentation can be found at:

<http://www.hcsinc.net/about/meaningful-use.html>

Overview

HCS eMR v10.0 allows end users to do a real-time export of all patient information stored in the EHR without interacting with HCS Support or Developers. This export process can be performed on either individual or multiple patients. The export itself is a collection of comma separated value (CSV) files and a readme file containing a hyperlink to the most up to date instance of this documentation. HCS maintains and updates this documentation as part of our release notes process.

User Access

Which users are allowed to perform this function is configurable, but by default the function is available to Corporate Users. Corporate User is the authorization role typically assigned to Administrators and Analysts for the EHR at your organization. Your organization will determine which users are given this role. In most cases, organizations utilize Active Directory to maintain access and authorization levels within HCS so each organization makes those decisions and provides this access autonomously. The functions described below are built into HCS eMR and there is no additional charge to be able to access them.

Instructions (Creating the Export)

Users can access the EHI Export functionality by going to System->EHI Export.

The menu presented (screenshot below) to users on that screen is the same Patient Selection menu used elsewhere in the application.

Users can either select a single patient by Visit Identifier or a group of patients by many parameters relating to the patient.

After selecting the patient(s) users can click "View Patients" to review the list of patients about to be exported or "Export Patients" to export the patient(s).

The files exported will be stored in a compressed (ZIP) format in the directory configured to receive Downloads on the user's computer.

← Electronic Health Information Export

Patients to include in export:

- Active In Date Range
- Active In Date Range and Class
- Active In Date Range and Patient Set
- Admit Date Range
- Admit Date Range and Class
- Admit Date Range and Patient Set
- All Active Patients
- All Patients
- Assigned to Staff
- Charges in Date Range
- Discharge Date Range
- Discharge Date Range and Assigned to Staff
- Discharge Date Range and Class
- Discharge Date Range and Patient Set
- eRx Errors in Date Range
- eRx Errors in Date Range and Prescriber
- My Patients
- Patient Set
- Patients with Admins in Date Range
- Patients with Dispenses in Date Range

Instructions (Reading the Export)

The zip file exported to your computer's "Downloads" directory contains a CSV file for each table in the HCS database. The data dictionary describes the data type and size of each field as well as a description of how that field is used and how it relates to the data in other tables. The data dictionary is itself provided in a CSV file format to make it machine readable for easier consumption.

The files exported as part of the HCS EHI Export contain all necessary data, including that which is not strictly personal health information, to allow the creation of a complete and fully usable HCS database with only the patient(s) that the users chose to export.

Attestation

This EHI Export Documentation is complete with all required elements and includes sufficient instruction to allow users to export either single patient or patient populations without HCS assistance and at no charge. Exports generated using the methodology outlined above will occur in real time and be in a compressed (ZIP) format containing CSV files with the actual EHI and a readme file with a hyperlink to the most up to date data dictionary for the file format. HCS will update the data dictionary as the database structure evolves with each new version. All information in this documentation is up to date and fully addresses the health IT developer's EHI Export Requirements.

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