PedCath7 Logging and Database Layout

PedCath7 tracks cath views and edits in compliance with HIPAA to the HIPAADB.dbf table. The information stored within this table is as follows:

Field	Description
RECORD_ID	Identifies Cath. Foreign Key to CathDB table.
STAFF_ID	Identifies Staff Member. Foreign Key to Staff table.
DAY	Date of log entry
TIME	Time of log entry
EDIT	BOOLEAN – True if the record was edited.

Table 1: Hipaadb table

When a record is first viewed on the PedCath edit screen, PedCath will log this to the HIPAADB table by saving information about the cath that was viewed, the staff member who viewed it and the date and time. In this case the EDIT field is set to false. If the staff member edits and saves the cath then a similar entry will be logged with the EDIT field set to true.

PedCath Export Tables

As of version 7.2.0 PedCath also logs anything exported from the system such as when any reports are printed, saved, or emailed. This includes the main PedCath report, a report from the statistical data reporting module, the staff listing report, or a patient's billing information. This information is logged to the HIPAA export table (Hipaaexp.dbf) as well as three supporting tables (pathdb.dbf, hipaadss.dbf, and hipaadsm.dbf). See the tables below for a description of each of the fields within the PedCath Hipaa export tables.

Field	Description
RECORD_ID	Identifies a cath. Foreign Key to CathDB table.
STAFF_ID	Identifies Staff Member. Foreign Key to Staff table.
DAY	Date of log entry
TIME	Time of log entry
ACTION	What the PedCath user did (see table 3)
DESC_ID	Foreign key to either hipaadss table (if USEMEMO is false) or hipaadsm table (if USEMEMO is true – matches DESCM_ID). The matching record within the support table includes a description of the log entry and can include file names, the data reports query, email recipients, etc… (see table 3 below for what information is held for each possible value of the ACTION field)
USEMEMO	If true, DESC_ID refers to an entry in the hipaadsm table (DESCM_ID). If false, DESC_ID refers to an entry in the hipaadss.table.
PATH_ID	Foreign key to the pathdb table. The matching record in the pathdb table will contain either a file path if the user saved a file or a UNC path with the printer name if a document was printed.

Table 2: HIPAAEXP Table

ACTION field values.	Meaning	Description field from supporting table (DESC from HIPAADSS table, or DESCM from HIPAADSM if USEMEMO is true)
1	Printed the PedCath Report.	*Not Used*
2	Saved the PedCath Report to a file.	File name
3	Emailed the PedCath Report.	Mail Recipients (To: and CC:)
4	Printed Data Reports results.	Query
5	Saved Data Reports results to a file.	File name and Query
6	Emailed Data Reports results.	Mail Recipients and Query
7	Printed a Patient's Billing Sheet.	*Not Used*
9	Printed a Patient's Document	PedCath Title and Filename
10	Printed the Staff Listing	*Not Used*

Table 3: Possible values for the ACTION field of the HIPAAEXP table and the data stored in the supporting tables.

Supporting Tables

Field	Description
PATH_ID	Primary Key
PATH	Usually contains either a file path if the user saved a file or a UNC path with the printer name if a document was printed.

Table 4: PathDB table

Field	Description
DESC_ID	Primary Key
DESC	Contains a description of the log entry from the hipaaexp table. Information includes file names, the data reports query, email recipients, etc…

Table 5: HipaaDSS table

Field	Description
DESCM_ID	Primary Key
DESCM	Same as DESC field in HipaaDSS table. If entry is longer than 80 characters they are stored here instead of the HipaaDSS table.

Table 6: HipaaDSM table