Picasso EHI Export: Folder Organization and Data Format Specification – v2.0

The EHI Export feature is designed to facilitate efficient data export for both individual patients and patient populations within a comprehensive healthcare system. This comprehensive functionality caters to two primary scenarios: exporting data for a single patient or exporting data for a patient population.

In both the single patient and patient population scenarios, a folder is created for the export named **"ScheduledExport_MM-dd-yyyy hhmmss"**, where the date and time correspond to the start time of the export. Also, a dedicated subfolder is created for each patient, identified by their Picasso patient ID. The exported data is formatted in a machine-readable manner **(.csv)** to ensure interoperability and ease of data processing.

Inside each patient's folder, a distinct file structure is maintained to accommodate different Data Classes. Each Data Class corresponds to a specific category of patient information. The corresponding information for each Data Class, such as Allergies, Immunizations, or Vitals, is stored as an individual .csv file within the patient's subfolder. Additional data and documents can be found within a designated **"Attachments"** subfolder, preserving the original storage or import format.

To maintain consistency and clarity, the filenames for each data entry within a Data Class follow a standardized pattern: "**[Data Class Name].csv".**

Below is a listing of the Data Classes along with their corresponding Column Headings:

Data Class Name	Column Headings
Allergies	ALLERGENSID, ALLERGENREACTIONSNAME, NAME, ALLERGYTYPE, DATEADDED, MEDID, SEVERITY, RXNORM, SEVERITYNAME, SEVERITYCODE, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Assessment	AMADIAGNOSISID, LONG_, DEPRECATED, CODINGLANGUAGE, ALTDIAGNOSISID, DATEADDED, VISITID, TYPE, DATEINACTIVE, INACTIVEBY, STABILITYTYPE, MODIFIED, STARTDATE, CPTPROVIDER, ADDEDBY, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Care Team	PROVIDERSID, DATEOPENED, PROV_TITLE, PROV_LAST, PROV_FIRST, SPECIALTY, PROV_PHONE, PROV_EMAIL, PROV_DEA, PROV_LIC, PROV_UPIN, DISABLED
Clinical Notes	NOTEID, NOTETEXT, DATECREATED, VISITID, VISITTYPENAME, ENCOUNTERDATE, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN

Demographics	LASTNAME, FIRSTNAME, DOB, CHART, ADDRESS1, ADDRESS2, CITY, STATE, ZIP, PHONE, FAX, EMAIL, SEX, SSN, ETHNICITYCODE, ETHNICITYTITLE, RACECODE, RACETITLE, LANGUAGECODE, LANGUAGETITLE, ADDRESSB1, ADDRESSB2, CITYB, STATEB, ZIPB, MOBILEPHONE, WORKPHONE, PHARMNAME, PHARMADDRESS1, PHARMADDRESS2, PHARMCITY, PHARMSTATE, PHARMZIP, PHARMPHONE, PHARMFAX, PHARMACYID, REFERRALID, REFERRALLASTNAME, REFERRALFIRSTNAME, MARITAL, EMPLOYED, MIDDLE, EXTERNALID, SUFFIX, PREFIX, PHCPATIENTID, PREVNAME, SEXORIENT, GENDERIDENT, MULTIPLEBIRTH, BIRTHORDER
Encounters	VISITID, VISITNAME, VISITTYPENAME, EMCODE, CALCULATEDEMCODE, AMADIAGNOSISID, ENCOUNTERDIAGNOSIS, CODINGLANGUAGE, RESPONSIBLEPROVIDER, RESPONSIBLEPROV_LAST, RESPONSIBLEPROV_FIRST, RESPONSIBLEPROV_PHONE, RESPONSIBLEPROV_TITLE, RESPONSIBLEPROV_DEA, RESPONSIBLEPROV_LIC, RESPONSIBLEPROV_EMAIL, RESPONSIBLEPROV_UPIN, DATEOPENED, OPENEDBY, CLOSED, DATECLOSED, CLOSEDBY, FACILITYNAME, FACILITYADDRESS, FACILITYSTATE, FACILITYZIP, FACILITYCITY, FACILITYPHONE
Family History	FAMILYMEMBER, DISEASENAME, DATEADDED, ONSETAGE, AGEOFDEATH, ID, SNOMEDCODE
Health Concerns	HEALTHCONCERN, NOTE, CODE, DATEADDED, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Health Insurance	PAYERCODE, PAYERNAME, PAYERADDRESS1, PAYERADDRESS2, PAYERCITY, PAYERSTATE, PAYERZIP, PAYERPHONE, RELATIONTOOWNER, PLANNUMBER, POLICYNUMBER, GROUPNUMBER, ACCOUNT, LASTNAME, FIRSTNAME, MI, STREETADDRS1, STREETADDRS2, CITY, STATE, ZIP, PATIENTBIRTHDATE, PATIENTSSN, INSUREDACCOUNT, INSUREDLASTNAME, INSUREDFIRSTNAME, INSUREDMIDDLENAME, INSUREDSTREETADDRESS1, INSUREDSTREETADDRESS2, INSUREDCITY, INSUREDSTATE, INSUREDZIP, INSUREDBIRTHDATE, INSUREDSSN, RESPONSIBLEACCOUNT, RESPONSIBLELASTNAME, RESPONSIBLEFIRSTNAME, RESPONSIBLEMIDDLENAME, RESPONSIBLESTREETADDRESS1, RESPONSIBLESTREETADDRESS2, RESPONSIBLECITY, RESPONSIBLESTATE, RESPONSIBLEZIP, RESPONSIBLEBIRTHDATE, RESPONSIBLSSN, RELATIONSHIPTORESPONSIBLE, PATIENTCASE, CASECODE, INSUREDHOMEPHONE, RESPONSIBLEHOMEPHONE, TYPEOFPLAN
Immunizations	VACCINENAME, DATEADMINISTERED, ADMINCPT, CVXCODE, LOT, PATIENTREFUSED, AMADIAGNOSISID, AMAPROCEDUREID, SITE, MANUFACTURER, ROUTE, CONSENTFIRSTNAME, CONSENTLASTNAME, CONSENTRELATION, CONSENTADDRESS, CONSENTCOUNTRY, CONSENTPHONEEMAIL, DATEADDED, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Implantable Devices	VISITID, DEVICENAME, BRANDNAME, COMPANYNAME, DEVICEID, PRODUCTIONIDENTIFIER, VERSIONMODELNUMBER, DUNSNUMBER, MRISAFETYSTATUS, ACTIVE, DATEIMPLANTED, DEVICEUDI, DEVICEIDISSUINGAGENCY, ADDEDON, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN

Labs	TESTDESCRIPTION, VALUE, ORDERCODE, DESCRIPTION, OBSERVATIONDATETIME, RESULTSTATUS, TESTCODE, ABNORMALFLAGS, LOINC, UNITCODE, DATEADDED, RESULTSDATETIME, REFERENCESRANGE, UNITDESCRIPTION, PATIENTLABID, LOINCCODE, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Medications	DRUGID, MED_NAME, DOSAGEMESSAGE, DURATION, PHRASE, PRESCRIBEDDATE, DISPENSEAMOUNT, DOSAGEFORM, DOSAGEROUTE, MED_STRENGTH, MED_STRENGTH_UOM, ISHISTORIC, FREQCODE, FREQPHRASE, PERDAYNUMER, PERDAYDENOM, ACTIVE, VISITID, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Orders	LABID, PARENTLAB, LABTESTCODE, LABTESTDESCRIPTION, NOTES, PRACTICECPTID, LOINCCODE, VISITID, DATEADDED, PROVIDERID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Plan Of Treatment	CATEGORYNAME, CATEGORYDESCRIPTION, NOTETITLE, EMCODE, VALUE, VISITID, DATEOFOCCURENCE, DATEADDED, ADDEDBY, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN, REFERREDPROVIDER, RP_TITLE, RP_ADDRESS, RP_CITY, RP_ZIP, RP_PHONE, RP_FAX, RP_SPECIALTY, RP_MCRSPECIALTY
Problems	AMADIAGNOSISID, SHORT, STARTDATE, DATEINACTIVE, CODINGLANGUAGE, TYPE, VISITID, DATEADDED, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Procedures	AMAPROCEDUREID, DATE_, LONG_, CODING, MODIFIER1, MODIFIER2, MODIFIER3, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
SDOH Assessment	CATEGORYNAME, VALUE, DATEADDED, DATEOFOCCURENCE
SODH Goals	CODE, DESXRIPTION, CODESYSTEM, STARTDATE, TARGETDATE, STATUS
SDOH Health Conditions	HEALTHCONCERN, NOTE, CODE, DATEADDED, PROVIDERSID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
SDOH Health Requests	AMAPROCEDUREID, DATE_, LONG_, CODING, MODIFIER1, MODIFIER2, MODIFIER3, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
SDOH Procedures	AMAPROCEDUREID, DATE_, LONG_, CODING, MODIFIER1, MODIFIER2, MODIFIER3, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN
Social History	CATEGORYNAME, VALUE, DATEADDED, DATEOFOCCURENCE

Tasks	QUEUEID, SUMMARY, NOTES, CATEGORYNAME, STATUS, STAT, VISITID, PROVIDERID, PROV_LAST, PROV_FIRST, PROV_PHONE, PROV_TITLE, PROV_DEA, PROV_LIC, PROV_EMAIL, PROV_UPIN, ASSIGNEDTO, DATEASSIGNED, DATEADDED, DUEDATE, DATESTARTED, DATECOMPLETED
Tobacco	UNIQUEID, VALUE, AMADIAGNOSISID, DATEADDED
Vitals	HEIGHTINCHES, WEIGHTPOUNDS, BLOODPRESSURESYSTOLIC, BLOODPRESSUREDIASTOLIC, WHENTAKEN, PULSE, RESPIRATIONRATE, TEMPF, OXYGENSATURATION, OXYGENCONCENTRATION, HCIRCCENTIMETERS, PROVIDERSID, AUTHORTITLE, AUTHORGIVEN, AUTHORFAMILY, AUTHORORG, OXYGENFLOWRATE