

# All Patient EHI

## Overview

This documentation describes the output of the All Patient EHI Export generated from the Patient Portal MMD. The output consists of a single zip file named PatientExport.zip which is stored for a set period of time on the client's data. The patient population in the zip file consists of patients that have been provisioned to Portal users in the Patient Portal. Only those patients that are actively linked and have not had that link removed will be included in the All Patient EHI export. The zip file contains an html file and individual folders corresponding to each patient that was exported (the name of the folder corresponds to the patient's internal index id). Within each patient's folder, there are 4 JavaScript Object Notation (JSON) files and 2 directories containing documents associated with the patient. These will now be described in more detail.

Within each patient folder...

## README.html

This simple document contains some basic information about the extract as well as a link to the Cerner Public reference documentation. It details the name and date of birth for the patient for whom the extract was created. It chronicles the start and completion date and time of the export as well as a listing of the contents to be found in the zip file.

## Patient.json

This file consists of patient demographic data grouped by Medical Record Number (MRN) and can contain 1 to N repeating segments based on how many MRNs are stored for the patient in question. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
mrn	varchar(50)	Medical Record Number	Patient's MRN
sourceCode	varchar(20)	Source Code	Internal code to represent source of data
sourceName	varchar(100)	Source Name	Internal name to represent source of data
primarySourceIndicator	boolean	Primary Source Ind	Field to identify if source is a primary source in portal
healthSystemCode	varchar(20)	Health System Code	Internal code to represent health system associated with this source
patientAssigningAuthorityOID	varchar(128)	Assigning Authority OID	ISO Object Identifier that uniquely represents the source of data
healthCareFacilityTypeCode	varchar(128)	Facility Type Code	Internally represents if the source is from a Practice, Non-Practice or neither (NULL)
representedOrganizationOID	varchar(128)	Represented Org OID	
lastName	varchar(100)	Patient's Last Name	Displayed if stored
firstName	varchar(100)	Patient's First Name	Displayed if stored
middleName	varchar(100)	Patient's Middle Name	Displayed if stored

ssn	varchar(9)	Patient's SSN	Displayed if stored
dateOfBirth	datetime	Patient's Date of Birth	Displayed if stored
gender	varchar(100)	Patient's Gender	Descriptive name based on gender passed in via ADT
homePhone	varchar(30)	Patient's Home Phone	Displayed if stored
workPhone	varchar(30)	Patient's Work Phone	Displayed if stored
mobilePhone	varchar(30)	Patient's Mobile Phone	Displayed if stored
maritalStatus	varchar(100)	Patient's Marital Status	Descriptive name based on marital status passed in via ADT
preferredLanguage	varchar(100)	Patient's Preferred Language	Descriptive name based on preferred language passed in via ADT
streetAddress	varchar(100)	Patient's Street Address	Primary Mailing Street Address
streetAddress2	Varchar(100)	Patient's Street Address Line 2	Displayed if stored
city	varchar(50)	Patient's City	Displayed if stored
state	varchar(50)	Patient's State	Displayed if stored
postalCode	varchar(10)	Patient's Zip Code	Displayed if stored

## Visits.json

This file consists of patient encounter data grouped by Patient Account Number (PAN) and our internal Source Code and can contain 1 to N repeating segments based on how many PAN and Source Code combinations are stored for the patient in question. For each combination there is potential data for up to 6 insurances. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
patientAccountNumber	varchar(50)	Account Number	Patient's Account Number
sourceCode	varchar(20)	Source Code	Internal code to represent source of data
patientMrn	varchar(50)	Medical Record Number	Patient's MRN
familyName	varchar(100)	Patient's Last Name	Displayed if stored
givenName	varchar(100)	Patient's First Name	Displayed if stored
secondName	varchar(100)	Patient's Middle Name	Displayed if stored
homePhone	varchar(30)	Patient's Home Phone	Displayed if stored
workPhone	varchar(30)	Patient's Work Phone	Displayed if stored
ssn	varchar(9)	Patient's SSN	Displayed if stored
sexCd	varchar(1)	Patient's Gender	Internal code for gender
dateTimeOfBirth	varchar(30)	Patient's Date of Birth	Displayed if stored
maritalStatusCd	varchar(30)	Patient's Marital Status Code	Internal code for marital status
streetAddress	varchar(100)	Patient's Street Address	Displayed if stored
otherDesignation	varchar(100)	Patient's Street Address Line 2	Displayed if stored
city	varchar(50)	Patient's City	Displayed if stored
state	varchar(50)	Patient's State	Displayed if stored
postalCode	varchar(10)	Patient's Zip Code	5 or 9 digit zip code
patientAccountNum	varchar(50)	Account Number	Patient's Account Number
patientClassCd	varchar(1)	Patient Class Code	Internal code to designate patient class
patientClassTranslated	varchar(100)	Patient Class Description	Descriptive name of patient class stored in the portal

admitDateTime	datetime	Admission Date Time	Displayed if stored
dischargeDateTime	datetime	Discharge Date Time	Displayed if stored
dischargeDisposition	varchar(100)	Visit Discharge Disposition	Displayed if stored
dischargeToLocation	varchar(100)	Visit Discharge To Location	Displayed if stored
visitComment	varchar(100)	Visit Comment	Displayed if stored
patientEthnicGroupCd	varchar(16)	Patient Ethnic Group Code	Internal code to designate patient's ethnic group
patientEthnicGroupTranslated	varchar(100)	Patient Ethnic Group Description	Descriptive name of ethnic group stored in the portal
patientPrefLanguage	varchar(16)	Patient's Preferred Language	Internal code to designate preferred language
patientMobilePhone	varchar(30)	Patient's Mobile Phone	Displayed if stored
facilityName	varchar(100)	Encounter Facility Name	Displayed if stored
facilityAddress1	varchar(100)	Encounter Facility Address 1	Displayed if stored
facilityAddress2	varchar(100)	Encounter Facility Address 2	Displayed if stored
facilityCity	varchar(50)	Encounter Facility City	Displayed if stored
facilityState	varchar(50)	Encounter Facility State	Displayed if stored
facilityZip	varchar(10)	Encounter Facility Zip Code	5 or 9 digit zip code
facilityPhone	varchar(30)	Encounter Facility Phone	Displayed if stored
patientLocationUnit	varchar(50)	Encounter Facility Unit	Displayed if stored
patientLocationRoom	varchar(50)	Encounter Facility Room	Displayed if stored
patientLocationBed	varchar(50)	Encounter Facility Bed	Displayed if stored
admitSource	varchar(20)	Admission Source	Internal identifier that corresponds to a patient assigning authority
admitSourceTranslated	varchar(100)	Admission Source Description	Internal description that corresponds to a patient assigning authority
hospitalServiceCd	varchar(50)	Hospital Service Code	Internal code that corresponds to the hospital service code
hospitalServiceTranslated	varchar(100)	Hospital Service Description	Internal description that corresponds to hospital service
chiefComplaint	varchar(350)	Chief Complaint	
raceCd	varchar(16)	Patient's Race Code	Internal code that corresponds to patient's race
raceCdTranslated	varchar(100)	Patient's Race Description	Internal description that corresponds to patient's race code
admitFamilyName	varchar(100)	Enc. Admitting Physician Last Name	Displayed if stored
admitGivenName	varchar(100)	Enc. Admitting Physician First Name	Displayed if stored
admitSecondName	varchar(100)	Enc. Admitting Physician Middle Name	Displayed if stored
admitLicenseNumber	varchar(50)	Enc. Admitting Physician License Number	Displayed if stored
attendFamilyName	varchar(100)	Enc. Attending Physician Last Name	Displayed if stored
attendGivenName	varchar(100)	Enc. Attending Physician First Name	Displayed if stored
attendSecondName	varchar(100)	Enc. Attending Physician Middle Name	Displayed if stored
attendLicenseNumber	varchar(50)	Enc. Attending Physician License Number	Displayed if stored
pcpFamilyName	varchar(100)	Enc. Primary Physician Last Name	Displayed if stored
pcpGivenName	varchar(100)	Enc. Primary Physician First Name	Displayed if stored
pcpSecondName	varchar(100)	Enc. Primary Physician Middle Name	Displayed if stored
pcpLicenseNumber	varchar(50)	Enc. Primary Physician License Number	Displayed if stored
referFamilyName	varchar(100)	Enc. Referring Physician Last Name	Displayed if stored

referGivenName	varchar(100)	Enc. Referring Physician First Name	Displayed if stored
referSecondName	varchar(100)	Enc. Referring Physician Middle Name	Displayed if stored
referLicenseNumber	varchar(50)	Enc. Referring Physician License Number	Displayed if stored
organizationName	varchar(50)	Patient's Next of Kin's Organization	Displayed if stored
contactStreetAddress	varchar(100)	Patient's Next of Kin's Street Address	Displayed if stored
contactOtherDesignation	varchar(100)	Patient's Next of Kin's Street Address 2	Displayed if stored
contactCity	varchar(50)	Patient's Next of Kin's City	Displayed if stored
contactState	varchar(50)	Patient's Next of Kin's State	Displayed if stored
contactPostalCode	varchar(10)	Patient's Next of Kin's Zip Code	5 or 9 digit zip code
contactPhone	varchar(30)	Patient's Next of Kin's Contact Phone	Displayed if stored
jobTitle	varchar(100)	Patient's Next of Kin's Job Title	Displayed if stored
emergencyContactFamilyName	varchar(100)	Patient's Emergency Contact Last Name	Displayed if stored
emergencyContactGivenName	varchar(100)	Patient's Emergency Contact First Name	Displayed if stored
emergencyContactStreetAddress	varchar(100)	Patient's Emergency Contact Street Address	Displayed if stored
emergencyContactOtherDesignation	varchar(100)	Patient's Emergency Contact Street Address 2	Displayed if stored
emergencyContactCity	varchar(50)	Patient's Emergency Contact City	Displayed if stored
emergencyContactState	varchar(50)	Patient's Emergency Contact State	Displayed if stored
emergencyContactPostalCode	varchar(10)	Patient's Emergency Contact Zip Code	5 or 9 digit zip code
emergencyContactHomePhone	varchar(30)	Patient's Emergency Contact Home Phone	Displayed if stored
emergencyContactWorkPhone	varchar(30)	Patient's Emergency Contact Work Phone	Displayed if stored
guarantorFamilyName	varchar(100)	Guarantor's Last Name	Displayed if stored
guarantorGivenName	varchar(100)	Guarantor's First Name	Displayed if stored
guarantorSecondName	varchar(100)	Guarantor's Middle Name	Displayed if stored
guarantorDob	varchar(8)	Guarantor's Date of Birth	Displayed if stored
guarantorStreetAddress	varchar(100)	Guarantor's Street Address	Displayed if stored
guarantorOtherDesignation	varchar(100)	Guarantor's Street Address 2	Displayed if stored
guarantorCity	varchar(50)	Guarantor's City	Displayed if stored
guarantorState	varchar(50)	Guarantor's State	Displayed if stored
guarantorPostalCode	varchar(10)	Guarantor's Zip Code	5 or 9 digit zip code
guarantorHomePhone	varchar(30)	Guarantor's Home Phone	Displayed if stored
guarantorSsn	varchar(9)	Guarantor's Social Security Number	Displayed if stored
guarantorRelId	varchar(16)	Guarantor's Relationship Code	Internal code that corresponds to the relationship of the guarantor
guarantorRelTxt	varchar(100)	Guarantor's Relationship Description	Descriptive name of relationship of the guarantor
employerFamilyName	varchar(100)	Employer's Last Name	Displayed if stored
employerGivenName	varchar(100)	Employer's First Name	Displayed if stored
employerSecondName	varchar(100)	Employer's Middle Name	Displayed if stored
employerStreetAddress	varchar(100)	Employer's Street Address	Displayed if stored
employerOtherDesignation	varchar(100)	Employer's Street Address 2	Displayed if stored
employerCity	varchar(50)	Employer's City	Displayed if stored
employerState	varchar(50)	Employer's State	Displayed if stored
employerPostalCode	varchar(10)	Employer's Zip Code	5 or 9 digit zip code

employerPhone	varchar(30)	Employer's Home Phone	Displayed if stored
guarantorJobTitle	varchar(100)	Guarantor's Job Title	Displayed if stored
vi1InsuranceId	varchar(50)	Patient's Primary Insurance ID	Displayed if stored
vi1InsuranceName	varchar(50)	Patient's Primary Insurance Name	Displayed if stored
vi1InsuranceStreetAddress	varchar(100)	Patient's Primary Insurance Street Address	Displayed if stored
vi1InsuranceOtherDesignation	varchar(100)	Patient's Primary Insurance Street Address 2	Displayed if stored
vi1InsuranceCity	varchar(50)	Patient's Primary Insurance City	Displayed if stored
vi1InsuranceState	varchar(50)	Patient's Primary Insurance State	Displayed if stored
vi1InsurancePostalCode	varchar(10)	Patient's Primary Insurance Zip Code	5 or 9 digit zip code
vi1PolicyNum	varchar(30)	Patient's Primary Insurance Policy Number	Displayed if stored
vi1InsuranceGroupNum	varchar(30)	Patient's Primary Insurance Group Number	Displayed if stored
vi1InsuranceGroupName	varchar(50)	Patient's Primary Insurance Group Name	Displayed if stored
vi1InsuranceGroupEmpId	varchar(20)	Patient's Primary Insurance Group Employee ID	Displayed if stored
vi1InsuranceGroupEmpName	varchar(50)	Patient's Primary Insurance Group Employer Name	Displayed if stored
vi1InsurancePlanId	varchar(50)	Patient's Primary Insurance Plan ID	Displayed if stored
vi1InsuredFamilyName	varchar(50)	Patient's Primary Insurance Insured Last Name	Displayed if stored
vi1InsuredGivenName	varchar(50)	Patient's Primary Insurance Insured First Name	Displayed if stored
vi1InsuredSecondName	varchar(50)	Patient's Primary Insurance Insured Middle Name	Displayed if stored
vi1InsuredDob	varchar(8)	Patient's Primary Insurance Insured Date of Birth	Displayed if stored
vi1InsuredRelationship	varchar(30)	Patient's Primary Insurance Insured Relationship Code	Internal code that represents relationship of Insured
vi1AuthorizationNumber	varchar(50)	Patient's Primary Insurance Authorization Number	Displayed if stored
vi1InsuredRelationshipTranslated	varchar(100)	Patient's Primary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi1InsurancePhone	varchar(30)	Patient's Primary Insurance Phone	Displayed if stored
vi1ReferralNumber	varchar(30)	Patient's Primary Insurance Referral Number	Displayed if stored
vi2InsuranceId	varchar(50)	Patient's Secondary Insurance ID	Displayed if stored
vi2InsuranceName	varchar(50)	Patient's Secondary Insurance Name	Displayed if stored
vi2InsuranceStreetAddress	varchar(100)	Patient's Secondary Insurance Street Address	Displayed if stored
vi2InsuranceOtherDesignation	varchar(100)	Patient's Secondary Insurance Street Address 2	Displayed if stored
vi2InsuranceCity	varchar(50)	Patient's Secondary Insurance City	Displayed if stored
vi2InsuranceState	varchar(50)	Patient's Secondary Insurance State	Displayed if stored
vi2InsurancePostalCode	varchar(10)	Patient's Secondary Insurance Zip Code	5 or 9 digit zip code
vi2PolicyNum	varchar(30)	Patient's Secondary Insurance Policy Number	Displayed if stored
vi2InsuranceGroupNum	varchar(30)	Patient's Secondary Insurance Group Number	Displayed if stored
vi2InsuranceGroupName	varchar(50)	Patient's Secondary Insurance Group Name	Displayed if stored
vi2InsuranceGroupEmpId	varchar(20)	Patient's Secondary Insurance Group Employee ID	Displayed if stored
vi2InsuranceGroupEmpName	varchar(50)	Patient's Secondary Insurance Group Employer Name	Displayed if stored
vi2InsurancePlanId	varchar(50)	Patient's Secondary Insurance Plan ID	Displayed if stored

vi2InsuredFamilyName	varchar(50)	Patient's Secondary Insurance Insured Last Name	Displayed if stored
vi2InsuredGivenName	varchar(50)	Patient's Secondary Insurance Insured First Name	Displayed if stored
vi2InsuredSecondName	varchar(50)	Patient's Secondary Insurance Insured Middle Name	Displayed if stored
vi2InsuredDob	varchar(8)	Patient's Secondary Insurance Insured Date of Birth	Displayed if stored
vi2InsuredRelationship	varchar(30)	Patient's Secondary Insurance Insured Relationship Code	Displayed if stored
vi2AuthorizationNumber	varchar(50)	Patient's Secondary Insurance Authorization Number	Displayed if stored
vi2InsuredRelationshipTranslated	varchar(100)	Patient's Secondary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi2InsurancePhone	varchar(30)	Patient's Secondary Insurance Phone	Displayed if stored
vi2ReferralNumber	varchar(30)	Patient's Secondary Insurance Referral Number	Displayed if stored
vi3InsuranceId	varchar(50)	Patient's Tertiary Insurance ID	Displayed if stored
vi3InsuranceName	varchar(50)	Patient's Tertiary Insurance Name	Displayed if stored
vi3InsuranceStreetAddress	varchar(100)	Patient's Tertiary Insurance Street Address	Displayed if stored
vi3InsuranceOtherDesignation	varchar(100)	Patient's Tertiary Insurance Street Address 2	Displayed if stored
vi3InsuranceCity	varchar(50)	Patient's Tertiary Insurance City	Displayed if stored
vi3InsuranceState	varchar(50)	Patient's Tertiary Insurance State	Displayed if stored
vi3InsurancePostalCode	varchar(10)	Patient's Tertiary Insurance Zip Code	5 or 9 digit zip code
vi3PolicyNum	varchar(30)	Patient's Tertiary Insurance Policy Number	Displayed if stored
vi3InsuranceGroupNum	varchar(30)	Patient's Tertiary Insurance Group Number	Displayed if stored
vi3InsuranceGroupName	varchar(50)	Patient's Tertiary Insurance Group Name	Displayed if stored
vi3InsuranceGroupEmpId	varchar(50)	Patient's Tertiary Insurance Group Employee ID	Displayed if stored
vi3InsuranceGroupEmpName	varchar(50)	Patient's Tertiary Insurance Group Employer Name	Displayed if stored
vi3InsurancePlanId	varchar(50)	Patient's Tertiary Insurance Plan ID	Displayed if stored
vi3InsuredFamilyName	varchar(50)	Patient's Tertiary Insurance Insured Last Name	Displayed if stored
vi3InsuredGivenName	varchar(50)	Patient's Tertiary Insurance Insured First Name	Displayed if stored
vi3InsuredSecondName	varchar(50)	Patient's Tertiary Insurance Insured Middle Name	Displayed if stored
vi3InsuredDob	varchar(8)	Patient's Tertiary Insurance Insured Date of Birth	Displayed if stored
vi3InsuredRelationshipTranslated	varchar(100)	Patient's Tertiary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi3AuthorizationNumber	varchar(50)	Patient's Tertiary Insurance Authorization Number	Displayed if stored
vi3InsurancePhone	varchar(30)	Patient's Tertiary Insurance Phone	Displayed if stored
vi3ReferralNumber	varchar(30)	Patient's Tertiary Insurance Referral Number	Displayed if stored
vi4InsuranceId	varchar(50)	Patient's Quaternary Insurance ID	Displayed if stored
vi4InsuranceName	varchar(50)	Patient's Quaternary Insurance Name	Displayed if stored
vi4InsuranceStreetAddress	varchar(100)	Patient's Quaternary Insurance Street Address	Displayed if stored
vi4InsuranceOtherDesignation	varchar(100)	Patient's Quaternary Insurance Street Address 2	Displayed if stored
vi4InsuranceCity	varchar(50)	Patient's Quaternary Insurance City	Displayed if stored
vi4InsuranceState	varchar(50)	Patient's Quaternary Insurance State	Displayed if stored
vi4InsurancePostalCode	varchar(10)	Patient's Quaternary Insurance Zip Code	5 or 9 digit zip code

vi4PolicyNum	varchar(30)	Patient's Quaternary Insurance Policy Number	Displayed if stored
vi4InsuranceGroupNum	varchar(30)	Patient's Quaternary Insurance Group Number	Displayed if stored
vi4InsuranceGroupName	varchar(50)	Patient's Quaternary Insurance Group Name	Displayed if stored
vi4InsuranceGroupEmpId	varchar(50)	Patient's Quaternary Insurance Group Employee ID	Displayed if stored
vi4InsuranceGroupEmpName	varchar(50)	Patient's Quaternary Insurance Group Employer Name	Displayed if stored
vi4InsurancePlanId	varchar(50)	Patient's Quaternary Insurance Plan ID	Displayed if stored
vi4InsuredFamilyName	varchar(50)	Patient's Quaternary Insurance Insured Last Name	Displayed if stored
vi4InsuredGivenName	varchar(50)	Patient's Quaternary Insurance Insured First Name	Displayed if stored
vi4InsuredSecondName	varchar(50)	Patient's Quaternary Insurance Insured Middle Name	Displayed if stored
vi4InsuredDob	varchar(8)	Patient's Quaternary Insurance Insured Date of Birth	Displayed if stored
vi4InsuredRelationshipTranslated	varchar(100)	Patient's Quaternary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi4AuthorizationNumber	varchar(50)	Patient's Quaternary Insurance Authorization Number	Displayed if stored
vi4InsurancePhone	varchar(30)	Patient's Quaternary Insurance Phone	Displayed if stored
vi4ReferralNumber	varchar(30)	Patient's Quaternary Insurance Referral Number	Displayed if stored
vi5InsuranceId	varchar(50)	Patient's Quinary Insurance ID	Displayed if stored
vi5InsuranceName	varchar(50)	Patient's Quinary Insurance Name	Displayed if stored
vi5InsuranceStreetAddress	varchar(100)	Patient's Quinary Insurance Street Address	Displayed if stored
vi5InsuranceOtherDesignation	varchar(100)	Patient's Quinary Insurance Street Address 2	Displayed if stored
vi5InsuranceCity	varchar(50)	Patient's Quinary Insurance City	Displayed if stored
vi5InsuranceState	varchar(50)	Patient's Quinary Insurance State	Displayed if stored
vi5InsurancePostalCode	varchar(10)	Patient's Quinary Insurance Zip Code	5 or 9 digit zip code
vi5PolicyNum	varchar(30)	Patient's Quinary Insurance Policy Number	Displayed if stored
vi5InsuranceGroupNum	varchar(30)	Patient's Quinary Insurance Group Number	Displayed if stored
vi5InsuranceGroupName	varchar(50)	Patient's Quinary Insurance Group Name	Displayed if stored
vi5InsuranceGroupEmpId	varchar(50)	Patient's Quinary Insurance Group Employee ID	Displayed if stored
vi5InsuranceGroupEmpName	varchar(50)	Patient's Quinary Insurance Group Employer Name	Displayed if stored
vi5InsurancePlanId	varchar(50)	Patient's Quinary Insurance Plan ID	Displayed if stored
vi5InsuredFamilyName	varchar(50)	Patient's Quinary Insurance Insured Last Name	Displayed if stored
vi5InsuredGivenName	varchar(50)	Patient's Quinary Insurance Insured First Name	Displayed if stored
vi5InsuredSecondName	varchar(50)	Patient's Quinary Insurance Insured Middle Name	Displayed if stored
vi5InsuredDob	varchar(8)	Patient's Quinary Insurance Insured Date of Birth	Displayed if stored
vi5InsuredRelationshipTranslated	varchar(100)	Patient's Quinary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi5AuthorizationNumber	varchar(50)	Patient's Quinary Insurance Authorization Number	Displayed if stored
vi5InsurancePhone	varchar(30)	Patient's Quinary Insurance Phone	Displayed if stored
vi5ReferralNumber	varchar(30)	Patient's Quinary Insurance Referral Number	Displayed if stored
vi6InsuranceId	varchar(50)	Patient's Senary Insurance ID	Displayed if stored

vi6InsuranceName	varchar(50)	Patient's Senary Insurance Name	Displayed if stored
vi6InsuranceStreetAddress	varchar(100)	Patient's Senary Insurance Street Address	Displayed if stored
vi6InsuranceOtherDesignation	varchar(100)	Patient's Senary Insurance Street Address 2	Displayed if stored
vi6InsuranceCity	varchar(50)	Patient's Senary Insurance City	Displayed if stored
vi6InsuranceState	varchar(50)	Patient's Senary Insurance State	Displayed if stored
vi6InsurancePostalCode	varchar(10)	Patient's Senary Insurance Zip Code	5 or 9 digit zip code
vi6PolicyNum	varchar(30)	Patient's Senary Insurance Policy Number	Displayed if stored
vi6InsuranceGroupNum	varchar(30)	Patient's Senary Insurance Group Number	Displayed if stored
vi6InsuranceGroupName	varchar(50)	Patient's Senary Insurance Group Name	Displayed if stored
vi6InsuranceGroupEmpld	varchar(50)	Patient's Senary Insurance Group Employee ID	Displayed if stored
vi6InsuranceGroupEmpName	varchar(50)	Patient's Senary Insurance Group Employer Name	Displayed if stored
vi6InsurancePlanId	varchar(50)	Patient's Senary Insurance Plan ID	Displayed if stored
vi6InsuredFamilyName	varchar(50)	Patient's Senary Insurance Insured Last Name	Displayed if stored
vi6InsuredGivenName	varchar(50)	Patient's Senary Insurance Insured First Name	Displayed if stored
vi6InsuredSecondName	varchar(50)	Patient's Senary Insurance Insured Middle Name	Displayed if stored
vi6InsuredDob	varchar(8)	Patient's Senary Insurance Insured Date of Birth	Displayed if stored
vi6InsuredRelationshipTranslated	varchar(100)	Patient's Senary Insurance Insured Relationship Description	Descriptive name of relationship of the insured
vi6AuthorizationNumber	varchar(50)	Patient's Senary Insurance Authorization Number	Displayed if stored
vi6InsurancePhone	varchar(30)	Patient's Senary Insurance Phone	Displayed if stored
vi6ReferralNumber	varchar(30)	Patient's Senary Insurance Referral Number	Displayed if stored
lastUpdateDateTime	datetime	Last Updated Date Time	Last time any data from above was updated in the portal

There can also be sets of Diagnosis Codes for a given encounter represented by 0 to N repeating segments. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
setId	varchar(5)	Set ID	Numerical ID representing sequence of diagnosis
diagCode	varchar(50)	Diagnosis Code	ICD 10 code
diagName	varchar(100)	Diagnosis Name	Diagnosis Name
diagCodeAuthCode	varchar(50)	Diagnosis Code Authorization Code	Internal Code
diagDescription	varchar(350)	Diagnosis Description	Description associated with the diagnosis code
diagDateTime	datetime	Diagnosis Date Time	Date and time of the diagnosis
diagType	varchar(50)	Diagnosis Type	ICD 9 versus ICD 10
diagTypeTranslated	varchar(100)	Diagnosis Type Description	Descriptive name corresponding to diagnosis type
reportDateTime	datetime	Report Date Time	Date and time of the report containing diagnosis
diagPriority	varchar(50)	Diagnosis Priority	Descriptive priority if stored

## Messages.json



This file consists of secure message data grouped by secure messages and can contain 1 to N repeating segments based on how many secure messages are stored for the patient in question. Each secure message thread is identified by a common eShareId. In other words, segments that share a common eShareId are part of the same secure message. Additionally, each secure message can contain 0 to N attachments which are represented by repeating segments in the attachments segment. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
eShareId	integer	Eshare Identification	Internal code representing an entire secure message thread
eShareMessageId	integer	Eshare Message Id	Internal code representing an individual secure message that could be part of a larger thread
createDateTime	datetime	Create Date Time	Date time that part of secure message created
from	varchar(250)	From	Name of the individual who sent this secure message
to	varchar(2000)	To	Comma delimited list of recipients
subject	varchar(60)	Subject	Subject line of the secure message
messageText	varchar(max)	Message Body	Text of the body of the message
attachments	NA	Attachments	Segment header for any attachments for that message

There can also be attachments for a given secure message and they will be grouped by document and are represented by 0 to N repeating segments. The filename segment contains the name of the file associated with the document that cross references to the documents in the MessageAttachments folder. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
documentId	BIGINT	Document ID	Internal identifier for an individual document
Description	varchar(100)	Document Description	
filename	varchar(100)	File Name of Document	Corresponds to the file name of the document in the MessageAttachments Folder

## Documents.json

This file consists of document data grouped by document and can contain 1 to N repeating segments based on how many documents are stored for the patient in question. The filename segment contains the name of the file associated with the document that cross references to the documents in the Documents folder. The following table describes the data found in each repeating segment.

Segment	Data Type (Length)	Description	Notes
categoryName	varchar(100)	Category Name	Internal category name corresponding to the document type
documentDate	datetime	Document Date	Date the document entered the portal

documentId	BIGINT	Document Id	Internal identifier for the document
documentSourceText	varchar(100)	Document Source Text	Description
documentTypeCd	varchar(16)	Document Type Code	Internal code representing the
documentTypeName	varchar(100)	Document Type Name	Internal descriptive name corresponding to the Document Type Code
filename	varchar(255)	File Name	Corresponds to the file name of the document in the Documents Folder
mimeTypeCd	varchar(100)	Mime Type Code	Code that represents the type of document (ex PDF, JPG, etc)

### MessageAttachments Folder

This folder consists of documents that were attached to secure messages represented by the Messages.json file describe above. The fileName in the Messages.json file corresponds to the actual file name of the document in the MessageAttachments folder including the file extension. For example, if you had example1.pdf in the filename segment in the attachments portion of the secure message in the Messages.json file, you will find a file of the same name in the MessageAttachments Folder.

### Documents Folder

This folder consists of documents associated with the patient, represented by the Documents.json file describe above. The fileName in the Documents.json file corresponds to the actual file name of the document in the Documents folder including the file extension. For example, if you had example1.pdf in the filename segment in the attachments portion of the secure message in the Documents.json file, you will find a file of the same name in the Documents Folder.

For the documents in the MessageAttachments and Documents Folders, with the exception of documents with an extension of .xml, the documents can be opened and viewed with standard third-party viewers such as Adobe and Microsoft. The Extensible Markup Language (XML) documents that have a .xml extension are machine readable documents that consist of a set of codes or tags that describe the text within the document. They are also human readable and can be viewed with any text editor. The Provider Portal receives Health Level 7 (HL7) documents for events like Admit or Discharge as well as for labs, results, etc. These HL7 documents are transformed into XML documents with standard HL7 tags and stored for the patient in the client’s repository. Description of these standard tags can be found at hl7.org. The Provider Portal does add some non-standard tags to define metadata about the document and are described below.

Tag (MSForm:META)	Data Type (Length)	Description	Notes
MSForm:indexItemId	integer	Patient’s Index Id	Internal ID that represents a patient in the Provider Portal
MSForm:formId	integer	Form Id	Internal ID that represents a form which corresponds to a stylesheet for display in Portal
MSForm:formFileName	varchar(255)	File Name	Name of the file with extension
MSForm:customerId	integer	Customer Id	Internal ID representing the client
MSForm:siteId	integer	Site Id	Internal ID representing the practice or non-practice in the Portal

MSForm:barcodeId	varchar(50)	Barcode Id	Internal barcode ID associated with the document
MSForm:userNm	varchar(30)	User Name	Internal name associated with the user responsible for document insertion
MSForm:userPwd	varchar(100)	User Password	Encrypted password for username specified above
MSForm:formRole	varchar(30)	User Role	Typically blank, corresponds to the role of the user name specified above
MSForm:formGroup	varchar(30)	User Group	Typically blank, corresponds to the group of the user name specified above
MSForm:docId	bigint	Document Id	Internal ID that identifies the document in question
MSForm:wfActivityId	integer	Workflow Activity Id	Internal ID represents the Workflow Activity
MSForm:wfQueueAssign	varchar(30)	Workflow Queue Assigned User	Portal User Name if document assigned
MSForm:wfQueueId	Integer	Workflow Queue ID	Internal ID representing the Workflow Queue ID

Additional index level tags added at the bottom of the document.

Tag (MSForm:INDEX)	Data Type (Length)	Description	Notes
MSForm:doctype	varchar(16)	Document Type Code	Internal Id representing the document type
MSForm:currentDate	datetime	Current Date	Date document entered the portal
MSForm:subDocType	varchar(16)	Sub Document Type Code	Internal Id representing the sub document type if applicable
MSForm:physicianId	integer	Physician Id	Internal Id representing the physician associated with the document
MSForm:facilityCode	varchar(10)	Facility Code	Internal code that represents the facility associated with the document
MSForm:patientMRN	varchar(50)	Patient Medical Record Number	MRN associated with this document
MSForm:abnormalFlag	varchar(1)	Abnormal Flag	Indicates if there are any abnormal results in the document
MSForm:documentName	varchar(100)	Document Type Name	Internal descriptive name corresponding to the Document Type Code
MSForm:orderPhysicianId	integer	Ordering Physician Id	Internal Id representing the ordering physician associated with the document
MSForm:patientClass	varchar(1)	Patient Class Code	Internal code to designate patient class
MSForm:observationDate	datetime	Observation Date Time	Date and time of the observation for this document
MSForm:patientAccount	varchar(50)	Account Number	Patient's Account Number
MSForm:hl7MessageId	varchar(50)	HL7 Message Id	Message ID associated with this document
MSForm:hospDocCd	varchar(20)	Hospital Document Code	Code sent with the document representing the sending systems document code
MSForm:resultStatus	varchar(1)	Result Status	Code that signifies if it's a final or preliminary result
MSForm:fillerOrderNum	varchar(50)	Filler Order Number	Usually the accession number that corresponds to the document
MSForm:sourceCode	varchar(20)	Source Code	Internal code to represent source of data

