VT-DVHA Data Warehouse Addendum v1.6

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Addendum to

Data Warehouse Specification v7.3

Version Update

Name	Title	Changes	Date
Pamela Brooks	Product Delivery Owner	Initial Draft	08.21.2019
Pamela Brooks	Product Delivery Owner	Service codes update	10.17.2019
Pamela Brooks	Product Delivery Owner	Updated EmployeeCustomID1 to be required with Employee identifier	10.28.2019
Pamela Brooks	Product Delivery Owner	Page 8: SSN changed to NULL; Page 11: "Extended Demographics" – Coordinator, ClientCoordinatorEmail, ClientLanguage, ClientGender, ClientMaritalStatus, ClientBirthDate changed to NULL / DATA NOT PROVIDED Page 12: Section 2.3.2 – realignment of the expected values to the correct fields	10.29.2019
Pamela Brooks	Product Delivery Owner	Added SFTP details to Appendix 11	12.20.2019
Pamela Brooks	Product Delivery Owner	Added CuresRequired field to VisitGeneral	01.08.2020
Pamela Brooks	Product Delivery Owner	Updated CuresRequired values to Yes | No	01.16.2020
Pamela Brooks	Product Delivery Owner	Updated Exception Table / Exception IDs	01.22.2020
Pamela Brooks	Product Delivery Owner	V1.5: • Added VisitLogKey to Visit_Changes segment • Updated Appendix 2 with revised service codes and modifiers	08.21.2020
Pamela Brooks	Product Delivery Owner	V1.5.2: Added Change IDs 10075 and 10076 to Appendix	10.29.2020
Pamela Brooks	Product Delivery Owner	V1.6: Updated EmployeeIdentifier to 64 char max length in EmployeeGeneral, EmployeeDiscipline and VisitGeneral segments	02.08.2021

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1 Overview

The Data Warehouse specification documents the Aggregator data that will be sent to a 3rd party Data Warehouse. The interface includes clients, employees, visits and their associated events and modifications. All data received by the Aggregator from Sandata and third parties is included in the specification, as well as any additional elements added via Aggregator processing.

Inclusion of fields and segments in this export will be reviewed during program implementation. Not all elements will be available for all programs. Any element that does not apply or has no data will still be included in the files. Additional fields and segments may be added over time as additional functionality is added and based on program specifics.

Complete transmission guidelines for the Data Warehouse export may be found in the generic specification.

This addendum should be used along with the generic specification, as it provides customer specific values and formats that will be returned as part of the full export.

1.1 Intended Audience
The intended audience of this document is:
- Project Management and Technical teams at Sandata.
- Project Management and Technical teams at VT-DVHA who will be implementing this interface.

1.2 Data Warehouse Export Transmission Guidelines
- File Format: Delimiter separated values
- File Delimiter: Pipe (|); ASCII 124
- Headers: Required using the "Column Name" below
- File Extension: 'DSV'
- File Encryption: Will NOT be encrypted using GPG
- Control File: Will be included per the specifications
- SFTP site: DXC will use State of Vermont's SFTP, GlobalSpace.
- File Name: DVHA_EVV_DWExtract_SEGMENT_mmddyy_hh_mm_ss.dsv
- File Delivery: INCREMENTAL (This is an add/update interface; delete transactions are not provided); Daily
- SEE APPENDIX 11 FOR DETAILS ON SFTP TRANSMISSION

2 Data File Layout

Reference the generic specification for a listing of all the fields that will be included in the data warehouse export. All fields are exported regardless of their intended use. RECIPIENT may choose to ignore these fields at their own discretion. However, on a program-by-program basis, some fields may be irrelevant and contain no data. The exported data will mirror the program specific data captured on intake interfaces and via other means, such as the EVV user interface.

This addendum should be utilized to reference program specific values and formats for VT-DVHA that will be included in the full data warehouse export.

2.1 Data Hierarchy and Fields List

Segment	Identifying Field(s)	Parent(s)	Related Field(s)
PROVIDER_GENERAL	ProviderID	(none)	
PROVIDER_LOC	PayerID	PROVIDER_GENERAL	ProviderID
CLIENT_GENERAL	ProviderID ClientID	PROVIDER_GENERAL	ProviderID
CLIENT_DESIGNEE	ClientDesigneeEmail	CLIENT_GENERAL	ClientID
CLIENT_AUTH	AuthID	PROVIDER_GENERAL PROVIDER_LOC CLIENT_GENERAL	ProviderID PayerID ClientID
CLIENT_ADDR	AddressID	CLIENT_GENERAL	ClientID
CLIENT_PHONE	ClientPhone	CLIENT_GENERAL	ClientID
SCHEDULE	ScheduleID	PROVIDER_GENERAL PROVIDER_LOC CLIENT_GENERAL EMP_GENERAL	ProviderID PayerID ClientID EmployeeID
EMP_GENERAL	ProviderID EmployeeID	PROVIDER_GENERAL	ProviderID
EMP_DISC	ProviderID EmployeeID	PROVIDER_GENERAL EMP_GENERAL	ProviderID EmployeeID
VISIT_GENERAL	VisitKey	PROVIDER_GENERAL	ProviderID

Segment	Identifying Field(s)	Parent(s)	Related Field(s)
		PROVIDER_LOC	PayerID
		CLIENT_GENERAL	ClientID
		EMP_GENERAL	EmployeeID
VISIT_CALLS	CallKey	VISIT_GENERAL	VisitKey
VISIT_TASKS	VisitKey TaskID	VISIT_GENERAL	VisitKey
VISIT_EXCP	VisitKey ExceptionID	VISIT_GENERAL	VisitKey
VISIT_CHANGES	VisitKey ChangeID	VISIT_GENERAL	VisitKey
VISIT_CLAIMST	VisitKey TransactionID BatchID	VISIT_GENERAL	VisitKey

2.2 Provider Information

2.2.1 General Provider Information (PROVIDER_GENERAL)

This is the parent entity for the client, employee and visit information. This is the general identifying information for the information to follow. It also includes all information about the provider. Note that while the ProviderID is noted as being unique, it is possible for a single provider to have multiple Sandata accounts in which case there may be multiple entries for the same ProviderID.

Element	Description	Max Length	Type	Expected Value(s)
ProviderQualifier	Identifier being sent as the unique identifier for the provider. Values: SandataID, NPI, API, MedicaidID, TaxID, Taxonomy, Legacy, Other.	20	String	MedicaidID
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha-numeric char
ProviderName	The provider name provided.	30	String	LIVE DATA
ProviderDoingBusinessAs	Doing Business As name of the Provider/Agency.	50	String	LIVE DATA
AddressLine1	Mailing address line 1. This is the street address for a provider.	50	String	LIVE DATA

Element	Description	Max Length	Type	Expected Value(s)
AddressLine2	Mailing addresses line 2. This is the mailing address for a provider.	50	String	LIVE DATA
AddressCity	Mailing address city. This is the city where a provider would receive business mail.	30	String	LIVE DATA
AddressState	Mailing address state. This is the state where a provider would receive business mail.	2	String	FORMAT: 2 char standard state abbreviation
AddressZip	Mailing address zip code. This is the full nine digits of the zip code for a business mailing zip code.	9	String	Format: #########
County	County in which the provider is located.	30	String	LIVE DATA
AgencyPhone	Phone for the primary address. Full 10 digits, no dashes.	10	String	FORMAT: ##########
AgencyEmail	E-Mail address for the agency's primary contact.	64	String	FORMAT: xxx@yyy.zzz
PrimaryContactLastName	Last name for the primary contact.	30	String	LIVE DATA
PrimaryContactFirstName	First name for the primary contact.	30	String	LIVE DATA
VendorID	The identifier specifying the source of the EVV data for the provider. Supplied if the program includes multiple EVV Vendors.	50	String	LIVE DATA
ProviderFax	Provider 10 digit fax number if applicable.	10	String	FORMAT: ##########
ProviderNPI	Provider NPI Number.	10	String	LIVE DATA
ProviderAPI	Provider API Number.	30	String	LIVE DATA
ProviderMedicaidID	This is the Medicaid ID assigned to the provider agency by the Medicaid authority.	9	String	7 alpha-numeric char
SSN	This is the SSN number assigned to a provider by the Internal Revenue Service. Digits only. Must include leading zeroes.	9	String	NULL
TaxID	This is the tax identification number assigned to a provider by the Internal Revenue Service. This is the current Tax ID. Digits only. Must include leading zeroes.	9	String	FORMAT: #########
ProviderTaxonomy	Provider Taxonomy Number. Provide Digits Only.	9	String	LIVE DATA
ProviderRequireAuth	Is an authorization required for billing? Values 0 and 1. 0 = False; 1 = True	1	String	0 | 1
ProviderTimeZone	Primary time zone of the provider.	64	Timezone	See Appendix 3 for valid values.
ProviderDateBegin	Date provider account was created.	10	Date	FORMAT: YYYY-MM-DD
ProviderDateEnd	Date provider ended contract. The contract end date for the provider will be null unless it is current date or in the past. Date only will be provided (no time) and no time zone conversion to be applied.	10	Date	FORMAT: YYYY-MM-DD

2.2.2 Provider Location Information (PROVIDER_LOC)

If information is available for provider location(s), the following information may be provided. This segment is only supported for SAM implementations. Uniqueness for this entity is defined as PayerID + ProviderID + LocationName.

Element	Description	Max Length	Type	Expected Value(s)
PayerID	Sandata assigned identifier for the payer. Determined during the implementation process.	64	String	See Appendix 1 PayerID for valid values
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha-numeric char
LocationName	Name associated with the location. LocationName must be unique within the provider.	20	String	LIVE DATA
LocationIdentifier	Provider location identifier. Could be the NPI, API, Provider Assigned Medicaid ID etc.	30	String	LIVE DATA
LocationAddressLine1	Line 1 of the location address.	50	String	LIVE DATA
LocationAddressLine2	Line 2 of the location address.	50	String	LIVE DATA
LocationCity	City for the location.	30	String	LIVE DATA
LocationState	State for the location. Two letter state abbreviation.	2	String	FORMAT: 2 char standard state abbreviation
LocationZip	Location 9 digit Zip Code. If additional 4 digits is not known, provide zeros. Format #########	9	String	Format: #########
LocationContactLastName	Location Contact Last Name.	30	String	LIVE DATA
LocationContactFirstName	Location Contact First Name.	30	String	LIVE DATA
LocationPhone	Phone number for the location. Format ##########	10	String	FORMAT: ##########

2.3 Client Information

All client records will be generated as a set. The CLIENT_GENERAL will be used as the parent. All children will be provided assuming they are in-use for the program. The Add/Change/Delete indicator will be used to drive processing for all Client files.

2.3.1 Client General Information (CLIENT_GENERAL)

Clients for the Business Entity / Provider Medicaid IDs. This is the parent entity for the set of client information. This element including all children will only be sent if the information in the parent or any of the children elements is new or has changed. The Primary Key for Client_General is PayerID + ProviderID + ClientID. The client is also unique based on the PayerID + ClientMedicaidID (or the unique value supplied by the state. When CLIENT_GENERAL is provided, all sub elements will also be provided.

Element	Description	Max Length	Type	Expected Value(s)
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha-numeric char
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable. This value uniquely identifies the client in the Sandata system.	10	String	SANDATA ASSIGNED
ClientFirstName	Client's First Name.	30	String	LIVE DATA
ClientMiddleInitial	Client's Middle Initial. May be required if needed for billing.	1	String	LIVE DATA
ClientLastName	Client's Last Name.	30	String	LIVE DATA
MissingMedicaidID	Indicator that a patient is a newborn. If this value is provided, Client Medicaid ID will be ignored and will be valid as null. Values True/False	5	Boolean	True | False
ClientSSN	Client's Social Security Number. If the Field is left empty, ClientOtherID must be populated. Not required if ClientOtherID sent. Numbers only, no dashes and leading zeroes must be included. May be required if needed for billing. Format - #########	9	String	NULL
ClientMedicalRecordNum	Client's medical record number, if applicable.	12	String	NULL
ClientMedicaidID	Unique ID provided by the State Medicaid program to the client.	64	String	Format: 1-9 digit numeric
ClientCustomID	Additional client user-defined identifier. Commonly used to customize the built-in client ID within the system. May be equal to another ID provided.	24	String	Consumer P Value Format: P###### (1 alpha + 6 numeric)
ClientOtherID	Additional client user-defined identifier. Commonly used to store client's ID from another system. This value is used to match the client to an existing record during import. During implementation it will be determined if this value or the ClientSSN will be used for matching.	24	String	Employer E Value Format: E###### (1 alpha + 6 numeric)

Element	Description	Max Length	Type	Expected Value(s)
ClientSuffix	Client Suffix (e.g. Sr, Jr, III, IV, V (no special characters)).	4	String	LIVE DATA
Extended Demographics – all optional – exact fields to be provided will be determined during implementation.				
Coordinator	The identified assigned to the Client which associates the client to their Coordinators for an employee.	25	String	NULL / DATA NOT PROVIDED
ClientCoordinatorEmail	Email address of client's agency coordinator.	64	String	NULL / DATA NOT PROVIDED
ClientLanguage	Client's language.	32	String	NULL / DATA NOT PROVIDED
ClientGender	Client's Gender. Values: O=Unknown or Other, M=Male, F=Female.	1	String	NULL / DATA NOT PROVIDED
ClientMaritalStatus	Client's Marital Status. Values: M = Married, S = Single, W = Widowed, O = Other.	1	String	NULL / DATA NOT PROVIDED
ClientBirthDate	Client's Date of Birth. Required for billing.	10	Date	NULL / DATA NOT PROVIDED
ClientEmail	Client's email address. Required for client portal access.	64	String	FORMAT: xxx@yyy.zzz
ClientPriority	Allows designation of a client's priority. Generally used to designate clients whose service is critical. Values will be determined during implementation if applicable.	2	String	LIVE DATA
ClientTimeZone	Client's primary time zone.	64	Timezone	See Appendix 3 for valid values.
ClientContactType	Client Contact Type. Values: Family, Other.	12	String	Family	Other
ClientContactFirstName	Client Contact First Name. Entered by provider agency.	30	String	LIVE DATA
ClientContactLastName	Client Contact Last Name. Entered by provider agency.	30	String	LIVE DATA
ClientContactPhoneType	Client Contact's Phone Type. Values: Business, Home, Mobile, Other.	12	String	Business	Home	Mobile	Other
ClientContactPhone	Client Contact Home Phone Number. Entered by provider agency. Format ##########	10	String	FORMAT: ##########
ClientContactEmailAddress	Client Contact's email address. Required if this client will be authorized to login to the client portal as the client's authorized representative and approve timesheets on behalf of the client.	64	String	FORMAT: xxx@yyy.zzz
ClientContactAddressLine1	Client Contact's Street Address, Line 1.	30	String	LIVE DATA
ClientContactAddressLine2	Client Contact's Street Address, Line 2.	30	String	LIVE DATA
ClientContactCity	Client Contact's City.	30	String	LIVE DATA
ClientContactState	Client Contact's State. Two Character standard abbreviation.	2	String	FORMAT: 2 char standard state abbreviation

Element	Description	Max Length	Type	Expected Value(s)
ClientContactZip	Client Contact's Zip Code. 9-digit primary address zip code. If additional 4 digits is not known, zeros padded. Format #########	9	String	Format: #########

2.3.2 Client Designees (CLIENT_DESIGNEE)

Individuals who are assigned to a Client and are granted access to Sandata EVV and have access to their specific Clients ONLY. Values will ONLY be provided if Client Designees are supplied in the incoming member file or via Client Entry by the provider.

Element	Description	Max Length	Type	Expected Value(s)
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable This value uniquely identifies the client in the Sandata system.	10	String	LIVE DATA
ClientDesigneeFirstName	First Name of the Client Designee.	30	String	LIVE DATA
ClientDesigneeLastName	Last Name of the Client Designee.	30	String	LIVE DATA
ClientDesigneeEmail	Email address of the Client Designee.	50	String	Format: xxx@xxx.xxx
ClientDesigneeStatus	Status of the Client Designee pertaining to Sandata system access. 02 = Active, 04 = Inactive.	2	String	02 | 04
ClientDesigneeStartDate	The date Client Designee was assigned.	10	Date	FORMAT: YYYY-MM-DD
ClientDesigneeEndDate	The date Client Designee was terminated.	10	Date	FORMAT: YYYY-MM-DD
ClientDesigneeRelationship	Relationship of the designee to the client.	30	String	Values to be determined during implementation

2.3.3 Programs and Services (CLIENT_AUTH)

All programs and services within the payer that the client participates in. If authorizations are being provided, this information will be derived from the authorization. All fields below are required for uniqueness other than the ClientRegion. PayerProgram and PayerService, if null would be considered for uniqueness as well (e.g. no Program or Service)

Element	Description	Max Length	Type	Expected Value(s)
AuthID	Sandata assigned unique identifier for the payer/program/service mapping.	16	String	LIVE DATA
PayerID	Sandata assigned identifier for the payer. Determined during the implementation process.	64	String	See Appendix 1 PayerID for valid values
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha-numeric char
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable This value uniquely identifies the client in the Sandata system.	10	String	SANDATA ASSIGNED
PayerProgram	If applicable, the program to which this client belongs.	9	String	See Appendix 1 ProgramID for valid values
ClientPayerID	Unique Client ID for the Payer if different from the Client's Medicaid ID.	20	String	LIVE DATA
PayerRegion	If applicable, the region code in which this client is being provided services. List of values to be determined during implementation.	2	String	LIVE DATA
PayerService	If applicable, the service to which this client belongs. Generally provided as a HCPCS code.	5	String	See Appendix 2 HCPCS Code for valid values
Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
ClientEligibilityDateBegin	Client Eligibility Begin Date.	10	Date	FORMAT: YYYY-MM-DD
ClientEligibilityDateEnd	Client Eligibility End Date.	10	Date	FORMAT: YYYY-MM-DD
ClientStartOfCareDate	Start of Care Date.	10	Date	FORMAT: YYYY-MM-DD
ClientEndOfCareDate	End of Care Date.	10	Date	FORMAT: YYYY-MM-DD
ClientStatus	The client's current status. Provide the 2-digit code including the 0. Available values: 02 = Active, 04 = Inactive.	2	String	02 | 04

Element	Description	Max Length	Type	Expected Value(s)
ClientStatusDate	The date of the last status change. If not provided, current date will be assumed. Entered by Payer.	10	Date	FORMAT: YYYY-MM-DD
IsPrimary	Is this the client's primary diagnosis code. If more than 1 are noted as primary, one will be selected. Value: true/false.	5	Boolean	True | False
DiagnosisCode	The client's diagnosis code in ICD-10 format.	10	String	LIVE DATA

2.3.4 Address (CLIENT_ADDR)

This is a child of the Individual/Client General Information. There can be any number of Individual/Client Address records. ProviderID + ClientID define the identifying elements, but these will repeat for each address provided.

Element	Description	Max Length	Type	Expected Value(s)
AddressID	Sandata assigned unique identifier for the address.	16	String	LIVE DATA
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha numeric char
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable This value uniquely identifies the client in the Sandata system.	10	String	SANDATA ASSIGNED
ClientAddressType	Values: Home, Business, Other. Note that multiple of the same type can be provided.	12	String	Home | Business | Other
ClientAddressLine1	Street Address Line 1 associated with this address.	30	String	LIVE DATA
ClientAddressLine2	Street Address Line 2 associated with this address.	30	String	LIVE DATA
ClientCounty	County associated with this address.	25	String	LIVE DATA
ClientCity	City associated with this address.	30	String	LIVE DATA
ClientState	State associated with this address. Two Character standard abbreviation.	2	String	FORMAT: 2 char standard state abbreviation
ClientZip	Zip Code associated with this address. Required for Billing. 9-digit primary address zip code. If additional 4 digits are not known, zeros padded. Format #########	9	String	Format: #########

2.3.5 Phone (CLIENT_PHONE)

This is an optional child for the Individual / Client General Information. It is required for automatic matching for telephony. There can be any number of Individual/Client Phone Records. All fields other than ClientPhoneType are required for uniqueness.

Element	Description	Max Length	Type	Expected Value(s)
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha numeric char
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable. This value uniquely identifies the client in the Sandata system.	10	String	SANDATA ASSIGNED
ClientPhoneType	Values: Home, Mobile, Business and Other. Note that multiple of the same type can be provided.	12	String	Home | Mobile | Business | Other
ClientPhone	Client phone number. Format ##########	10	String	FORMAT: ##########

2.3.6 Schedule (SCHEDULE)

The following element includes the schedule information for the client. This includes both the client and employee information. The client must exist in the system for a schedule to be successfully uploaded. Some programs require the employee to exist as well prior to uploading the schedule. In case if they do not pre-exist in the Sandata EVV database both client and Employee should be available in the same transfer. Schedules will be provided if available / applicable. Uniqueness defined by PayerID + ProviderID + ScheduleID.

Element	Description	Max Length	Type	Expected Value(s)
PayerID	Sandata assigned identifier for the payer. Determined during the implementation process.	64	String	NULL / DATA NOT PROVIDED
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	NULL / DATA NOT PROVIDED
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable This value uniquely identifies the client in the Sandata system.	10	String	NULL / DATA NOT PROVIDED
EmployeeID	Unique employee identifier. This value uniquely identifies the employee in the Sandata system.	9	String	NULL / DATA NOT PROVIDED
ScheduleID	Unique identifier for the schedule record.	16	String	NULL / DATA NOT PROVIDED
ScheduleStartDate	Activity / Schedule start date is the date in UTC.	10	Date	NULL / DATA NOT PROVIDED

Element	Description	Max Length	Type	Expected Value(s)
ScheduleStartTime	Activity / Schedule start date and time.	20	DateTime	NULL / DATA NOT PROVIDED
ScheduleEndTime	Activity / Schedule end date and time.	20	DateTime	NULL / DATA NOT PROVIDED
ScheduleDuration	Duration of activity / scheduled visit. This is difference between end time and start time. In minutes.	10	String	NULL / DATA NOT PROVIDED
PayRate	Rate for payroll. Provided if rate is specified as part of the schedule received.	5	String	NULL / DATA NOT PROVIDED
BillRate	Rate for billing. Provided if rate is specified as part of the schedule received.	6	String	NULL / DATA NOT PROVIDED
ClusterCaseFlag	Cluster case indicator. true/false. This is special use.	5	Boolean	NULL / DATA NOT PROVIDED
Discipline	Type of service provided by the Employee.	6	String	NULL / DATA NOT PROVIDED
PayerProgram	If applicable, the program to which this client belongs.	9	String	NULL / DATA NOT PROVIDED
PayerService	If applicable, the service to which this client belongs. Generally provided as a HCPCS code.	5	String	NULL / DATA NOT PROVIDED
VisitType	Used for billing. If visit type is set to 'V' it means charge by visit. Other values may be determined during implementation.	1	String	NULL / DATA NOT PROVIDED
LiveInCase	24 hour live in case. Values are true/false.	5	Boolean	NULL / DATA NOT PROVIDED
ScheduleTimeZone	Schedule time zone – if different that the client's default.	64	Timezone	NULL / DATA NOT PROVIDED
Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED

2.4 Employee Information

All employee records will be generated as a set. The EMP_GENERAL will be used as the parent. All children will be provided assuming they are in-use for the program.

2.4.1 Employee General Information (EMP_GENERAL)

Employees for the Business Entity / Provider Medicaid IDs. This is the parent entity for the Employees providing care. This element will only be sent if the information is new or has changed. Uniqueness is defined by ProviderID + EmployeeID. When EMP_GENERAL is provided, all sub elements will also be provided.

Element	Description	Max Length	Type	Expected Value(s)
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha numeric char
EmployeeID	Unique employee identifier. This value uniquely identifies the employee in the Sandata system.	64	String	Employee D Value Format: D###### (1 alpha + 6 numeric)
EmployeeLastName	Employee's last name.	30	String	LIVE DATA
EmployeeFirstName	Employee's first name.	30	String	LIVE DATA
Department	Employee's department.	3	String	LIVE DATA
EmployeeType	Such as nurse or home health attendant. This is user defined varies based on the source system.	1	String	LIVE DATA
EmployeeEmail	Employee Email Address	64	String	FORMAT: xxx@yyy.zzz
EmployeeAddress1	Employee's address.	30	String	LIVE DATA
EmployeeAddress2	Employee's address (line 2).	30	String	LIVE DATA
EmployeeCity	Employee's city.	30	String	LIVE DATA
EmployeeState	Employee's state.	2	String	FORMAT: 2 char standard state abbreviation
EmployeeZipCode	Employee's 9 digit zip code. If additional 4 digits is not known, zeros padded. Format #########	9	String	Format: #########
EmployeePhone	Employee's phone number. Format ##########	10	String	FORMAT: ##########
PayRate	Rate for payroll. Can have values like 5.043 or 1.23 and should not exceed 5 characters. Decimal point is included in the length.	5	String	NULL
EmployeeIDCustom1	Customized employee ID. Also known as Employee Other ID.	64	String	Employee D Value Format: D###### (1 alpha + 6 numeric)
EmployeeIDCustom2	Customized employee ID. Also known as Employee Custom ID.	64	String	NULL
SocialSecurity	Employee SSN.	9	String	NULL

Element	Description	Max Length	Type	Expected Value(s)
EmployeeAPI	Employee Client's Alternate Provider Identifier or Medicaid ID.	25	String	NULL
EmployeeHireDate	Date of Hire.	10	Date	FORMAT: YYYY-MM-DD
EmployeeBirthDate	Employee's date of birth.	10	Date	FORMAT: YYYY-MM-DD
EmployeeLocationName	The Employee's primary location.	20	String	LIVE DATA

2.4.2   Discipline (EMP_DISC)

Employees for the Business Entity / Provider Medicaid IDs. This is the parent entity for the Employees providing care. This element will only be sent if the information is new or has changed. Optional segment. Will be provided if information exists. All fields are required for uniqueness.

Element	Description	Max Length	Type	Expected Value(s)
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha numeric char
EmployeeID	Unique employee identifier. This value uniquely identifies the employee in the Sandata system.	64	String	Employee D Value Format: D###### (1 alpha + 6 numeric)
EmployeeDiscipline	Code defining the discipline(s) of the employee. Examples depending on the program include HHA, RN, LPN, PT, etc.	6	String	LIVE DATA

2.5 Visit

All visit records will be generated as a set. The VISIT_GENERAL will be used as the parent. All children will be provided assuming they are in-use for the program. When VISIT_GENERAL is provided, all sub elements will also be provided.

2.5.1 Visit General Information (VISIT_GENERAL)

This is the parent entity for the actual visit for the Business Entity / Provider Medicaid IDs. The Primary Key for Visit_General is the "VisitKey". VisitKey will span Payers and Providers.

Multiple services on a visit will be handled by making a single call in the middle of the visit which will represent the OUT call for the first service and the IN call for the second service.

Element	Description	Max Length	Type	Expected Value(s)
PayerID	Sandata assigned identifier for the payer. Determined during the implementation process.	64	String	See Appendix 1 PayerID for valid values
ProviderID	Identifier for the provider. Identifier type identified by ProviderQualifier.	64	String	7 alpha numeric char
ClientID	Assigned client identifier. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable This value uniquely identifies the client in the Sandata system.	10	String	SANDATA ASSIGNED
EmployeeID	Unique employee identifier. This value uniquely identifies the employee in the Sandata system.	64	String	Employee D Value Format: D###### (1 alpha + 6 numeric)
VisitKey	Visit identifier in the Sandata system. Note that the same VisitKey can be sent multiple times over the course of different exports. Subsequent VisitKeys are updates to the prior visit.	50	String	LIVE DATA
VisitOtherID	Visit identifier in the external EVV system, if any.	50	String	LIVE DATA
VisitCancelledIndicator	True/false – if omitted visits are requested and/or if a visit that has already been sent has been invalidated for some reason, this indicator would be sent as true.	5	String	True	False
PayerProgram	If applicable, the program to which this client belongs.	9	String	See Appendix 1 ProgramID for valid values

Element	Description	Max Length	Type	Expected Value(s)
ProcedureCode	If applicable, the service to which this client belongs. Generally provided as a HCPCS code.	5	String	See Appendix 2 HCPCS Code for valid values
Timezone	Visit time zone.	64	Timezone	See Appendix 3 for valid values.
CallInDateTime	The date/time of the actual Call In. If additional information is needed about the call, it is in the VISIT_CALL element.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
CallOutDateTime	The date/time of the actual Call Out. If additional information is needed about the call, it is in the VISIT_CALL element.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
ActDuration	Actual, calculated duration (Call Out – Call In) in Minutes.	10	Integer	LIVE DATA
AdjBeginningDateTime	Adjusted in date/time if entered manually. Otherwise the actual date/time received.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
AdjEndDateTime	Adjusted out date/time if entered manually. Otherwise the actual date/time received.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
AdjDuration	Adjusted, calculated duration (Adj Call Out -Adj Call In) in Minutes	10	Integer	LIVE DATA
BillVisit	If the visit is going to be billed. True / False	5	Boolean	NULL
BillTime	Minutes that are going to be billed.	8	Integer	NULL
PayTime	Minutes that are going to be paid.	8	Integer	NULL
Memo	The free form memo field from Sandata EVV or 3rd Party System.	1024	String	LIVE DATA
EmpVoiceVerification	If voice verification is in use, did the employee's voice recording match the enrollment information. True / False	5	Boolean	True | False
ClientVerifiedTimes	True / False	5	Boolean	True | False
ClientVerifiedService	True / False	5	Boolean	True | False
ClientVerifiedTasks	True / False	5	Boolean	True | False
ClientSignatureAvailable	The actual signature will not be transferred. The originating system will be considered the system of record. True / False	5	Boolean	True | False
ClientVoiceRecording	The actual voice recording will not be transferred. The originating system will be considered the system of record. True / False	5	Boolean	True | False
ClientVoiceVerification	If voice verification is in use, did the client's voice recording match the enrollment information. True / False	5	Boolean	True | False
VisitStatus	Status of the visit as calculated by the Aggregator. Values: Omit, Scheduled, In Process, Incomplete, Verified, Processed, Deleted.	30	String	Omit | Scheduled | In Process | Incomplete | Verified | Processed | Deleted

Element	Description	Max Length	Type	Expected Value(s)
GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group. Note that Alternate EVV vendors may not supply this value.	6	String	LIVE DATA
Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	See Appendix 2 Modifier columns for valid values
CuresRequired	Indicates whether the service provided requires EVV	5	Boolean	Yes | No

2.5.2 Calls (VISIT_CALLS)

Call Information regardless of call type. This is an optional element in some circumstances including visits received from a 3rd Party provider or a provider using scheduling could exist without any associated calls. VisitKey is unique throughout the Sandata system and will be assigned during 3rd party EVV system import as required. The Primary Key for Visit_Calls is the "CallKey".

Element	Description	Max Length	Type	Expected Value(s)
VisitKey	Visit identifier in the Sandata system.	50	String	LIVE DATA
CallKey	Call identifier in the Sandata system.	50	String	LIVE DATA
CallDateTime	Call date time.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
CallAssignment	Values: Call In, Call Out, Interim.	10	String	Call In | Call Out | Interim
CallType	The type of device used to create the event. Values: TELEPHONY, MOBILE, FVV, MANUAL, OTHER. Additional values for this field may be added.	20	String	Telephony | Mobile | FVV | Manual | Other
ProcedureCode	If applicable, the service to which this client belongs. Generally provided as a HCPCS code.	5	String	See Appendix 2 HCPCS Code for valid values
ClientIdentifierOnCall	Client ID entered or selected on Sandata EVV Event. This value is not validated – it is based on the worker's entry during the call.	10	String	SANDATA ASSIGNED

Element	Description	Max Length	Type	Expected Value(s)
ServiceEnteredOnCall	Service selected on the Call. Mapped to the appropriate HCPCS code. This value is not validated – it is based on the worker's entry during the call.	5	String	See Appendix 2 HCPCS Code column
MobileLogin	Log in for GPS device.	64	String	LIVE DATA
VisitLocation	Location of the visit defined by the schedule or selected by the user.	64	String	LIVE DATA
VisitNotes	From the Sandata mobile application. Visit notes entered during the visit by the worker.	4000	String	LIVE DATA
CallLatitude	GPS Latitude recorded during event. Latitude has a range of -90 to 90 with a 15 digit precision	19	Decimal	LIVE DATA
CallLongitude	GPS Longitude recorded during event. Longitude has a range of -180 to 180 with a 15 digit precision	20	Decimal	LIVE DATA
TelephonyPIN	PIN for telephony.	9	String	LIVE DATA
CallTimeZone	Call time zone.	64	Timezone	See Appendix 3 for valid values.
OriginatingPhoneNumber	Originating phone number for telephony.	10	String	FORMAT: ##########
RecordUpdatedBy	The unique identifier of the user, system or process that made the change. This value could also be a system process in which case it will be identified. i.e. If the call was entered manually, the user or user identifier entering the manual call.	100	String	LIVE DATA
RecordUpdateDateTime	If the call was entered manually, the date/time of the entry.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group. This value may not be provided by 3rd party EVV systems.	6	String	LIVE DATA

2.5.3 Tasks (VISIT_TASKS)

Provided if task collection is in use.

Element	Description	Max Length	Type	Expected Value(s)
VisitKey	Visit identifier in the Sandata system.	50	String	NULL / DATA NOT PROVIDED
TaskID	TaskID, this task ID must map to the TaskIDs used for the agency in the Sandata system.	64	String	NULL / DATA NOT PROVIDED

Element	Description	Max Length	Type	Expected Value(s)
TaskReading	Task reading	10	String	NULL / DATA NOT PROVIDED
TaskRefused	Did the client refuse the specific task. true/false	5	Boolean	NULL / DATA NOT PROVIDED
TaskUnit	Task unit. Units that are used when collecting the tasks assuming readings are in use.	8	String	NULL / DATA NOT PROVIDED
CallKey	Call identifier in the Sandata system. If the task was entered on a specific call, this value will be included.	50	String	NULL / DATA NOT PROVIDED
RecordUpdatedBy	The unique identifier of the user, system or process that made the change. This value could also be a system process in which case it will be identified. Blank if captured during actual call. i.e. If the task was entered manually, the user or user identifier entering the task.	100	String	NULL / DATA NOT PROVIDED
RecordUpdateDateTime	If the task was entered manually, the date/time of the entry. Blank if captured during actual call.	20	DateTime	NULL / DATA NOT PROVIDED

2.5.4   Exceptions (VISIT_EXCP)

Exceptions will be provided within the Visit information being sent. The information provided below is based on the exceptions currently applied to the visit. A visit can have zero to many exceptions. All exceptions associated with the visit at that point in time will be supplied. If they have been acknowledged, it will be noted here. VisitKey is unique throughout the Sandata system and will be assigned during 3rd party EVV system import as required. Uniqueness is defined as VisitKey + ExceptionID although there COULD be duplicates if for some reason the same exception is applied, then acknowledged then applied again.

Element	Description	Max Length	Type	Expected Value(s)
VisitKey	Visit identifier in the Sandata system.	50	String	LIVE DATA
ExceptionID	ID for the exception being acknowledged	2	String	See Appendix 5 for valid values
ExceptionAcknowledged	True/false	5	Boolean	True	False

2.5.5 Historical Visit Changes (VISIT_CHANGES)

Within the visit being sent, a visit could have one or more changes that have been manually applied. For each visit change, these data are the details of the change(s) made. Multiple or duplicate rows may be exported if a particular field is exported several times and/or changes are reversed. VisitKey is unique throughout the Sandata system and will be assigned during 3rd party EVV system import as required. The Primary Key for Visit_Changes is "VisitKey"+"ChangeID" +"RecordUpdateDateTime"

Element	Description	Max Length	Type	Expected Value(s)
VisitLogKey	Unique identifier for visit change record in the Sandata system.	50	String	LIVE DATA
VisitKey	Visit identifier in the Sandata system.	50	String	LIVE DATA
ChangeID	The unique identifier of the change that is being sent. These can be used to denote the order in which changes were made to the visit, although they are not sequential.	50	String	See Appendix 8 for valid values
ChangeType	The type of change being applied: A (Add), C (Change), M (Merge).	1	String	A | C | M
SequenceID	The Third Party visit sequence ID to which the change applied. This can be numeric or the date and time of the change depending on the 3rd party implementation of the Alt EVV specification.	50	String	LIVE DATA
VisitChangeExternalID	Change identifier in the external system if applicable.	50	String	LIVE DATA
ChangeMadeBy	The unique identifier of the user, system or process that made the change.	64	String	LIVE DATA
ChangeDateTime	Change made date and time based on external interfaces. To the second.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
RecordUpdateDateTime	Date and time change applied in Sandata system. To the second.	20	DateTime	FORMAT: YYYY-MM-DDTHH:MM:SSZ
ReasonCode	Reason code selected. It is possible that some changes may not require a reason code.	2	String	See Appendix 6 for valid values
ChangeReasonMemo	Reason/Description of the change being made entered by the user.	256	String	LIVE DATA
ResolutionCode	Resolution code, if in use.	4	String	See Appendix 7 for valid values
VisitChangeLogDetails	Snapshot of full visit record at the time of change.	1000	String	LIVE DATA

2.5.6 Claim Stack Requests (VISIT_CLAIMST)

For programs utilizing Claims Validation. The segment is included if there have been any fulfilled claims stack requests. If present, there may be one or more requests for each VisitKey. The TransactionID noted below will be based on the information sent by the adjudication system. This Identifier, along with the Individual, service, and start and end times, can be used to link back to the provider submitted information (via portal or 837). Only those requests where a visit was identified will be returned to the Payer/State Warehouse. Based on Claims Validation v1.0 only and only available if Claims Validation enabled for program. Uniqueness is defined as VisitKey + TransactionID + BatchID.

Element	Description	Max Length	Type	Expected Value(s)
VisitKey	Visit identifier in the Sandata system.	50	String	NULL / DATA NOT PROVIDED
TransactionID	Unique identifier for the request generated by the payer.	50	String	NULL / DATA NOT PROVIDED
BatchID	Unique identifier for the request generated by the payer.	50	String	NULL / DATA NOT PROVIDED
ICN	An Internal Control Number (ICN) is a unique, 13-digit identification number assigned to every claim in order to distinguish it from all other claims received by the system.	13	Integer	NULL / DATA NOT PROVIDED
DetailLineNumber	Detail Line Number. A sequential and unique line number of each detail line within the claim.	99	Integer	NULL / DATA NOT PROVIDED
ClientMedicaidID	Client's MedicaidID	64	String	NULL / DATA NOT PROVIDED
Service	If applicable, the service to which this client belongs. Generally provided as a HCPCS code.	5	String	NULL / DATA NOT PROVIDED
Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed.	2	String	NULL / DATA NOT PROVIDED
GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	NULL / DATA NOT PROVIDED
Units	Units requested by and being returned to the adjudication system. For example, for 15 minute units, the maximum expected value is 96 (24 hours @ 4 units per hour).	16	Decimal	NULL / DATA NOT PROVIDED
VisitStartDateTime	Requested date and time in.	20	DateTime	NULL / DATA NOT PROVIDED
VisitEndDateTime	Requested date and time out.	20	DateTime	NULL / DATA NOT PROVIDED
ResponseDateTime	Date and time response as generated by Sandata	20	DateTime	NULL / DATA NOT PROVIDED

Appendices

1   Payers & Programs

ID	Payer ID	Program/Waiver Name	Program ID	Programs & Waivers Covered	Description
1	DVHA	Choices for Care	CFC	LTSS for adults w disabilities and older adults	
2	DVHA	Traumatic Brain Injury Program	TBI	HCBS for people w TBI	
3	DVHA	Childrens Personal Care	CPCS	Personal care per epsdt for people under age 21	
4	DVHA	Attendant Services Program	ASP	Personal care for adults w disabilities and older adults	

2   Services & Modifiers

Payer	Program	HCPCS	Mod1	Mod2	Mod3	Mod4	Description
DVHA	CFC	S5130	95				Homemaker
DVHA	CFC	T1005	73				Respite Care [073]
DVHA	CFC	T1019	72				Personal Care (072)
DVHA	CFC	S5135	73				Companion Care [073]
DVHA	CFC	T2025	71	30			Moderate Needs
DVHA	CPCS	T1020					CPCS Personal Care
DVHA	TBI	S9125					TBI Respite Care
DVHA	ASP	S5125					Attendant Services PDAC
DVHA	CFC	T2025	71				Flexible Choices
DVHA	CFC	T2025	71	SE			Moderate Needs
DVHA	ASP	S5125	SE				Attendant Services
DVHA	CFC	T1019	81				Personal Care - Surrogate
DVHA	CFC	T1005	75				Respite Care - Consumer
DVHA	CFC	T1005	80				Respite Care - Surrogate
DVHA	CFC	S5135	75				Companion Care - Consumer
DVHA	CFC	S5135	80				Companion Care - Surrogate
DVHA	CFC	T1019	77				Personal Care Consumer

3 Time Zones

Time Zone Code	Daylight Savings Time Observed?
US/Alaska	Active
US/Aleutian	Active
US/Arizona	Inactive
US/Central	Active
US/East-Indiana	Active
US/Eastern	Active
US/Hawaii	Inactive
US/Indiana-Starke	Active
US/Michigan	Active
US/Mountain	Active
US/Pacific	Active
US/Samoa	Inactive
America/Indiana/Indianapolis	Active
America/Indiana/Knox	Active
America/Indiana/Marengo	Active
America/Indiana/Petersburg	Active
America/Indiana/Vevay	Active
America/Indiana/Vincennes	Active
America/Puerto_Rico	Active
Canada/Atlantic	Active
Canada/Central	Active
Canada/East-Saskatchewan	Inactive
Canada/Eastern	Active
Canada/Mountain	Active
Canada/Newfoundland	Active
Canada/Pacific	Active
Canada/Saskatchewan	Active
Canada/Yukon	Active

4 Languages

Language Name
English (US)
Mandarin Chinese
Nepali
Somali
Spanish
Swahili

5 Exception Codes

Exception Code	Exception Name	Description
0	Unknown Clients	Exception for a visit that was performed for a client that is not yet entered or not found in the EVV system.
1	Unknown Employees	(Telephonic only) Exception for a visit that was performed by a caregiver who was not yet entered or not found in the EVV system (At the time the visit was recorded).
34	Invalid Service	(Telephonic Only) Exception when the service selected for a visit is not valid for the program / recipient of care.
23	Missing Service	Exception when the service provided during a visit is not recorded or present in the system.
3	Visits Without In-Calls	Exception thrown when a visit is recorded without an "in" call that began the visit.
4	Visits Without Out Calls	Exception thrown when a visit is recorded without an "out" call that completed the visit.
15	Unmatched Client ID / Phone	(Telephonic only) Exception when the visit was recorded from a phone number that was not matched to a recipient of care in the EVV system.

6 Reason Codes

Reason Code	Description	Note Required?
01	Caregiver Error	No
02	Member Unavailable	No
03	Mobile Device Issue	No
04	Telephony Issue	No
05	Member Refused Verification	Yes
06	Service Outside the Home	No
07	Other	Yes

7 Resolution Codes

Resolution Code ID	Description
A	Written Documentation Maintained

8 Change IDs

The following is a representative list. Additional values will be added to this list over time and based on program needs. Not all values will be used for every implementation.

ChangeID	Description
10010	Visit – Update Client
10011	Visit - Update Employee
10012	Visit - Assign Call to Visit
10013	Visit - Update Payroll Hours
10014	Visit - Update Payroll Hours via Single-Click
10015	Visit - Update Memo
10016	Visit - Add Visit
10018	Visit - Update Do Not Export Flag
10020	Visit - Assign Schedule to Visit

ChangeID	Description
10021	Visit - Update Schedule
10023	Visit - Add Task to Visit
10024	Visit - Update Task
10025	Visit - Delete Task
10026	Visit - Add Contract/Payer
10027	Visit - Merge Visits
10029	Visit - Update Omit Visit Flag
10030	Visit - Update Known Client
10031	Visit - Update Known Employee
10032	Visit - Update Payroll Hours via Override of Exported Hours
10035	Visit - Manual Override Client Visit Verification
10063	Visit - Update Bill Hours
10064	Visit - Update Bill Hours via Single-Click
10065	Visit - Update Bill Hours via Override of Exported Hours
10066	Visit - Update Adjusted Hours
10067	Visit - Approve Visit
10068	Visit - Update Service
10075	Visit – Update Payer
10076	Visit – Update Program
10105	Visit Exception - Acknowledge Unscheduled Visits
10106	Visit Exception - Acknowledge Unmatched Payroll and Scheduled Hours
10107	Visit Exception - Acknowledge Payroll Hours less than Scheduled Hours
10108	Visit Exception - Acknowledge Actual Hours more than Scheduled Hours
10109	Visit Exception - Acknowledge Rejected Visits
10110	Visit Exception - Acknowledge Missing Tasks
10112	Visit Exception - Acknowledge Invalid Contract / Payer
10113	Visit Exception - Acknowledge Employee Replacement
10114	Visit Exception - Acknowledge Missing Contract / Payer
10115	Visit Exception - Acknowledge Unmatched Client ID / Phone
10116	Visit Exception - Acknowledge Missing Procedure Code
10118	Visit Exception - Acknowledge Late In-Call
10119	Visit Exception - Acknowledge Early Out-Call
10120	Visit Exception - Acknowledge Short Visit

ChangeID	Description
10121	Visit Exception - Acknowledge No Show
10123	Visit Exception - Acknowledge Missing Service
10125	Visit Exception - Acknowledge GPS Distance Exception
10126	Visit Exception - Acknowledge Employee Speaker Verification Exception
10127	Visit Exception - Acknowledge Client Speaker Verification Exception
10128	Visit Exception - Acknowledge Visit Verification Exception
10130	Visit Exception - Acknowledge Client Speaker Verification Bypassed
10131	Visit Exception - Acknowledge Unmatched Billing and Scheduled Hours
10132	Visit Exception - Acknowledge Billing Hours less than Scheduled Hours
10133	Visit Exception - Acknowledge Unmatched Billing and Payroll Hours
10134	Visit Exception - Acknowledge Unauthorized Service
10135	Visit Exception - Acknowledge Extraneous Calls
10136	Visit Exception - Acknowledge Client Eligibility
10137	Visit Exception - Acknowledge Payroll Hours greater than Maximum Allowed Hours
10139	Visit Exception - Acknowledge Client Signature Exception
10140	Visit Exception - Acknowledge Service Verification Exception
13560	Manual Call - Add
13570	Manual Call - Add to Specified Visit
17501	Visit - Add Visit
17502	Visit - Update Visit

9   Abbreviations

Abbreviation	Name
ANI	Automatic Number Identification
BYOD	Bring Your Own Device
CDS	Consumer Directed Services
EVV	Electronic Visit Verification
FI	Fiscal Intermediary

GPS	Global Positioning System
IVR	Interactive Voice Response – the underlying system used for telephony
MVV	Mobile Visit Verification
PA	Prior Authorization
PIN	Personal Identity Number
SMC	Sandata Mobile Connect
SSN	Social Security Number
TVV	Telephonic Visit Verification

10   Terminology

Sandata Terminology	Other Possible References
Agency	Agency Provider Provider Account Billing Agency
Authorization	Service Plan Prior Auth
Client	Individual Patient Member Recipient Beneficiary
Contract	Program Program Code
Employee	Caregiver Admin Home Health Aide Consumer Directed Worker

	Staff Worker Individual Provider Scheduler
HCPCS	Bill Code Procedure Code Service Code
Payer	Admission Insurance Company Contract Managed Care Organization (MCO) State
Provider	Agency Third Party Administrator (TPA)

11 SFTP Transmission Details

Interface	Specifics
Data Warehouse Export	
File Format	**.dsv |pipe delimited**
File Name	**DVHA_EVV_DWExtract_Segment_[MMDDYY]_[HH_MM_SS].dsv** **Segment, Date, and Time are variables**
Export Mode	**Daily incremental (Delta)**
Timing for Delivery of Files	**Between 1:30am - 3:30am, aiming for 2am**
PROD SFTP Host:	**<Globalscape>**
PROD Server (Hostname):	
Site IP Address:	
Folder Path	Preferred Full Access (In case of Manual Updates).
TCP Port:	
Authentication:	Username/Password
Username:	To be provided to Sandata separately.
Password:	To be provided to Sandata separately, preferred static.

UAT SFTP Host:	<Globalscape>
UAT Server (Hostname):	
Site IP Address:	
Folder Path	Preferred Full Access (In case of Manual Updates).
TCP Port:	
Authentication:	Username/Password
Username:	To be provided to Sandata separately.
Password:	To be provided to Sandata separately, preferred static.
IT Contacts for DW Export:	DXC: Mary Lalumiere | Software Developer | mary.lalumiere@dxc.com |(802) 857-2912 Sandata: Zachary Handler | Manager, Solution Enablement | zhandler@Sandata.com
Business Contacts for DW Export:	DXC: Scott Friedman, Customer Project/Program Manager | sfriedman5@dxc.com | (512) 319-3505 Sandata: Amanda Scanlan, Project Manager | AScanlan@Sandata.com | 516-484-4400 x1401
Ready for Testing:	SFTP Testing --> File Transfer Testing -->

Questions:	Responses:
1. Authentication Method (Username/Password only or Public/Private key)?	Username/Password, No Private Key
2. Is there a separate login for Prod and UAT or the same login different folders?	Yes, to be provided to Sandata
a) Using a different SFTP site with a new set of credentials and file names?	

b) Using same SFTP site with different folders?	
(If using same SFTP, need folder names for UAT and PROD)	
3. Do you need to whitelist Sandata's IP address?	Yes, Sandata's IP address is:
4. Is PGP Encryption necessary?	No