



State of Vermont
Third Party EVV Addendum v1.8

Addendum to Third Party Alternate EVV System
Specification v7.2

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Name	Title	Changes	Date
Pamela Brooks	Product Management	Initial Draft	08.21.2019
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1 Overview

This addendum is intended to document the full file layout and attributes that have values specific for State of Vermont pertaining to the Third Party EVV API. This will differ from the generic specification in that any elements that will not be provided are not listed in this document. All expected values, formatting and validation rules should be identified for each element, where applicable. This is intended to be a stand-alone document. Complete AltEVV API transmission guidelines may be found in the generic specification.

This interface includes clients, employees, visits, and their associated calls as well as the ability to send data related to visit modifications.

In addition, Appendix 10 contains technical information and examples for each entity type.

1.1 Intended Audience

The intended audience of this document is:

- Project Management and Technical teams at Sandata.
- Project Management and Technical teams at State of Vermont who will be implementing this interface.

1.2 AltEVV API Transmission Guidelines

- File Format: JSON
- Headers: Required using the “Column Name” below
- File Delivery: via RESTful API

1.3 Program Specific Assumptions & Business Policies

This interface, for State of Vermont, is intended for Third Party EVV Vendors to provide program visit data to the Sandata Aggregator. Visits are considered to be completed when all required information has been supplied for the visit and all visit exceptions have been remediated.

Sandata will verify that visits received pass all State of Vermont edit rules on receipt. Note that the expectation is that all visit changes will be supplied along with the final completed visit.

- Scope of Data: All visit data (NOTE: “All Visit Data” - Alt EVV HHA’s to provide all visits that are in process (started) and visits that have been completed that are new or updated/changed since the last delivery.)
- Frequency: Daily

2 Data File Layout

The following tables reflect all required fields in the Third Party Alternative EVV System Specification. This document may be distributed to all providers and used as a guide in order to ensure data consistency across the network. This will also allow Sandata to properly read all incoming files and process the data accordingly.

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
Provider Identification: Required. Note that this element will be required as part of the header information provided for all three types of transmissions. This information will be compared to the connection being used within the interface to ensure that the transmission is appropriate. If this match cannot be validated, the transmission will be rejected. As part of the implementation process, required fields may be adjusted and the available fields may be reduced based on the program specifics						
1	ProviderQualifier	Identifier being sent as the unique identifier for the provider. Values: SandataID, NPI, API, MedicaidID, TaxID, Taxonomy, Legacy, Other.	20	String	Yes	MedicaidID
2	ProviderID	Unique identifier for the agency.	64	String	Yes	7 char alpha/numeric
Client General Information: Additional fields may be required depending on the program; fields below may be ignored if a Payer Client feed is implemented.						
1	ClientID	Assigned client_id. If a value is assigned by another system. Note that this value can be automatically assigned by Sandata EVV. Note that this value may be used as the client identifier for telephony and MVV when Client ID entry is applicable.	10	String	Optional	DO NOT PROVIDE
2	ClientFirstName	Client's First Name.	30	String	Yes	LIVE DATA
3	ClientMiddleInitial	Client's Middle Initial	1	String	Optional	LIVE DATA
4	ClientLastName	Client's Last Name.	30	String	Yes	LIVE DATA
5	ClientQualifier	Value being sent to unique identify the client. Values: ClientSSN, ClientOtherID, ClientCustomID. Should be the same as the value used by the Payer if a client feed is provided by the payer.	20	String	Yes	ClientCustomID

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
6	ClientMedicaidID	Unique ID provided by the State Medicaid program to the client.	64	String	Yes	Format: 1-9 digit numeric (integer) NO leading zeros
7	ClientIdentifier	Payer assigned client identifier identified by ClientQualifier. If client information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided.	64	String	Yes	ClientCustomID Format: 1-9 digit numeric (integer) NO leading zeros
8	MissingMedicaidID	Indicator that a patient is a newborn. If this value is provided, ClientMedicaidID will be ignored and will be valid as null.	5	String	Optional	True False
9	SequenceID	The Third Party EVV visit sequence ID to which the change applied.	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
10	ClientCustomID	Additional client user-defined ID. Commonly used to customize the built-in ClientID within the system. Must be provided if billing is in scope. May be equal to another ID provided.	24	String	Required	Format: 1-9 digit numeric (integer) NO leading zeros
11	ClientOtherID	Additional client user-defined ID. 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	Optional	Format: 1-9 digit numeric (integer) NO leading zeros
12	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 zeros must be	9	String	Conditional	DO NOT PROVIDE

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		included. May be required if needed for billing. Format #####				
13	ClientTimeZone	Client's primary time zone. Depending on the program, this value may be defaulted or automatically calculated. Please see the appendix for acceptable values.	64	String	Yes	See Appendix 5 DEFAULT = US/Eastern
Client Payer Information: This segment is only required for programs where members/clients and their association to the associated programs and services is not provided by the payer. DO NOT PROVIDE						
1	PayerID	Sandata EVV assigned ID for the payer. Payer ID is determined during the implementation process.	64	String	Yes	DO NOT PROVIDE
2	PayerProgram	If applicable, the program to which this visit belongs. Potential use and list of values to be determined during implementation.	9	String	Yes	DO NOT PROVIDE
3	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	DO NOT PROVIDE
4	ClientPayerID	Unique identifier sent by the payer.	20	String	Optional	DO NOT PROVIDE
5	ClientEligibilityDateBegin	Client eligibility begin date. This field is optional if ClientStatus is sent.	10	Date	Conditional	DO NOT PROVIDE
6	ClientEligibilityDateEnd	Client eligibility end date. This field is optional if ClientStatus is sent.	10	Date	Conditional	DO NOT PROVIDE
7	ClientStatus	The client's current status. Provide the 2 digit code including the 0. Available values: 02 = Active 04 = Inactive This field is optional if ClientEligibilityDateBegin or ClientEligibilityDateEnd is sent.	2	String	Conditional	DO NOT PROVIDE

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
8	EffectiveStartDate	The effective start date for the client payer information. This date is tied to service approval in the auth.	10	Date	Yes	DO NOT PROVIDE
9	EffectiveEndDate	The effective end date for the client payer information. This date is tied to service approval in the auth.	10	Date	Optional	DO NOT PROVIDE
Client Address: At least one record for each client is required if GPS validation is required for the program. If an address is provided via a payer feed, this address information will be regarded as secondary based on program rules.						
1	ClientAddressType	Values: Home, Business, Other. Note that multiple of the same type can be provided. Default to Other if not available.	12	String	Yes	Home Business Other
2	ClientAddressIsPrimary	One address must be designated as primary. Values: true/false	5	String	Yes	True False
3	ClientAddressLine1	Street Address Line 1 associated with this address. PO Box may not be acceptable for Billing and PO Box will not function correctly for MVV.	30	String	Yes	LIVE DATA
4	ClientAddressLine2	Street address line 2 associated with this address.	30	String	Optional	LIVE DATA
5	ClientCounty	County associated with this address	25	String	Optional	LIVE DATA
6	ClientCity	City associated with this address.	30	String	Yes	LIVE DATA
7	ClientState	State associated with this address. Two Character standard abbreviation.	2	String	Yes	Format: 2 char standard state abbreviation
8	ClientZip	Zip Code associated with this address. Required for Billing. 9-digit primary address zip code. If additional 4 digits are not known, provide zeros. Format #####.	9	String	Yes	Format: ##### Rules: This is the full nine digits of the zip code for a business mailing zip code. If the +4 cannot be provided, please send '0000'

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
9	ClientAddressLongitude	Calculated for each address.	20	Decimal	Optional	LIVE DATA
10	ClientAddressLatitude	Calculated for each address.	19	Decimal	Optional	LIVE DATA
Client Phone: Optional.						
1	ClientPhoneType	Values: Home, Mobile, Business and Other. Note that multiple of the same type can be provided. Default to Other if not available.	12	String	Optional	Home Mobile Business Other
2	ClientPhone	Client phone number. Format #####.	10	String	Optional	FORMAT: #####
Responsible Party: Provide if applicable for the client and in the absence of a payer client feed. DO NOT PROVIDE						
1	ClientContactType	Client contact type	12	String	Optional	DO NOT PROVIDE
2	ClientContactFirstName	Client contact first name. Entered by provider agency.	30	String	Optional	DO NOT PROVIDE
3	ClientContactLastName	Client contact last name. Entered by provider agency.	30	String	Optional	DO NOT PROVIDE
4	ClientContactPhoneType	Client contact's phone type.	12	String	Optional	DO NOT PROVIDE
5	ClientContactPhone	Client contact home phone number. Entered by provider agency. Format #####	10	String	Optional	DO NOT PROVIDE
6	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	Optional	DO NOT PROVIDE
7	ClientContactAddressLine1	Client contact's street address, line 1	30	String	Optional	DO NOT PROVIDE

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
8	ClientContactAddressLine2	Client contact's street address, line 2	30	String	Optional	DO NOT PROVIDE
9	ClientContactCity	Client contact's city	30	String	Optional	DO NOT PROVIDE
10	ClientContactState	Client contact's state. Two character standard abbreviation.	2	String	Optional	DO NOT PROVIDE
11	ClientContactZip	Client contact's zip code. 9 digit primary address zip code. If additional 4 digits are not known, provide zeros. Format #####	9	String	Optional	DO NOT PROVIDE
Employee General Information: Optional.						
1	EmployeeQualifier	Value being sent to unique identify the employee. Values: EmployeeSSN, EmployeeRegID, EmployeeCustomID.	20	String	Yes	EmployeeCustomID
2	EmployeeIdentifier	Employee identifier identified by EmployeeQualifier. If employee information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided and should be defined as the same value.	64	String	Yes	LIVE DATA (Unique unchanging value for employee)
3	EmployeeOtherID	Unique employee identifier in the external system.	64	String	Optional	DO NOT PROVIDE
4	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
5	EmployeeSSN	Employee Social Security Number. Employee SSN may be required depending on the program rules. Format - #####.	9	String	Optional	DO NOT PROVIDE
6	EmployeeLastName	Employee's Last Name	30	String	Yes	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
7	EmployeeFirstName	Employee's First Name	30	String	Yes	LIVE DATA
8	EmployeeEmail	Employee's Email Address	64	String	Optional	FORMAT: xxx@yyy.zzz
9	EmployeeManagerEmail	Email of the employee's manager	64	String	Optional	DO NOT PROVIDE
10	EmployeeAPI	Employee client's alternate provider identifier or Medicaid ID	25	String	Optional	DO NOT PROVIDE
11	EmployeePosition	Values for payer/state programs to be determined during implementation. If multiple positions, send primary.	3	String	Optional	DO NOT PROVIDE
Visit General Information: Required.						
1	VisitOtherID	Visit identifier in the external system	50	String	Yes	LIVE DATA
2	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	Integer	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
3	EmployeeQualifier	Value being sent to unique identify the employee. Values: EmployeeSSN, EmployeeRegID, EmployeeCustomID.	20	String	Yes	EmployeeCustomID
4	EmployeeOtherID	Unique employee identifier in the external system, if any.	64	String	Optional	DO NOT PROVIDE
5	EmployeeIdentifier	Employee identifier identified by EmployeeQualifier. If employee information is received from the payer, this information will be used to link the received Third Party EVV information with the payer information provided and should be defined as the same value.	64	String	Yes	LIVE DATA (Unique unchanging value for employee)

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
6	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
7	ClientIDQualifier	Value being sent to unique identify the client. Values: ClientSSN; ClientOtherID, ClientCustomID. Should be the same as the value used by the Payer if a client feed is provided by the payer.	20	String	Yes	ClientCustomID
8	ClientID	Identifier used in the client element.	64	String	Yes	Format: 1-9 digit numeric (integer) NO leading zeros
9	ClientOtherID	Additional client user-defined ID. Commonly used to store client's ID from another system. This value is used to match the client to an existing record during import.	24	String	Optional	Format: 1-9 digit numeric (integer) NO leading zeros
10	VisitCancelledIndicator	True/false – allows a visit to be cancelled / deleted based on defined rules.	5	String	Yes	True False
11	PayerID	Sandata EVV assigned ID for the payer. Payer ID is determined during the implementation process.	64	String	Yes	See Appendix 1 PayerID column
12	PayerProgram	If applicable, the program to which this visit belongs. Potential use and list of values to be determined during implementation.	9	String	Yes	See Appendix 1 ProgramID column
13	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	See Appendix 2 HCPCS column
14	Modifier1	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage.	2	String	Optional	See Appendix 2 Modifier columns

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
15	Modifier2	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage.	2	String	Optional	See Appendix 2 Modifier columns
16	Modifier3	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage.	2	String	Optional	See Appendix 2 Modifier columns
17	Modifier4	Modifier for the HCPCS code for the 837. Up to 4 of these are allowed. Please consult specific program requirements for exact usage.	2	String	Optional	See Appendix 2 Modifier columns
18	VisitTimeZone	Visit primary time zone. Depending on the program, this value may be defaulted or automatically calculated. Please see the appendix for acceptable values. Should be provided if the visit is occurring in a time zone other than that of the client.	64	String	Yes	See Appendix 5 for valid values
19	ScheduleStartTime	Activity / Schedule start date and time. This field is generally required but may be omitted if the schedule is denoting services that can happen at any time within the service date	20	DateTime	Optional	LIVE DATA
20	ScheduleEndTime	Activity / Schedule end date and time. This field is generally required but may be omitted if the schedule is denoting services that can happen at any time within the service date	20	DateTime	Optional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
21	AdjinDateTime	Adjusted in date/time if entered manually. Otherwise the actual date/time received.	20	DateTime	Optional	LIVE DATA
22	AdjOutDateTime	Adjusted out date/time if entered manually. Otherwise the actual date/time received.	20	DateTime	Optional	LIVE DATA
23	BillVisit	True/False. If the visit is going to be billed, should be sent as Y. Otherwise N.	5	String	Optional	True False
24	HoursToBill	Hours that are going to be billed.	99.999	Decimal	Optional	LIVE DATA
25	HoursToPay	If payroll is in scope for the payer program, the hours to pay.	99.999	Decimal	Optional	LIVE DATA
26	Memo	Associated free form text	512	String	Optional	LIVE DATA
27	ClientVerifiedTimes	True/False	5	String	Optional	True False
28	ClientVerifiedTasks	True/False	5	String	Optional	DO NOT PROVIDE
39	ClientVerifiedService	True/False	5	String	Optional	True False
40	ClientSignatureAvailable	The actual signature will not be transferred. The originating system will be considered the system of record. True/False	5	String	Optional	True False
41	ClientVoiceRecording	The actual voice recording will not be transferred. The originating system will be considered the system of record. True/False	5	String	Optional	True False
<p>Calls: If calls are not provided, adjusted times must be included in the parent visit element. Calls include any type of clock in or clock out depending on system capabilities. Note that some vendor systems may not record some visit activity as calls. If this is the case, the call element can be omitted. Sandata will treat visit information without calls as manually entered.</p>						

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
1	CallExternalID	Call identifier in the external system	16	String	Yes	LIVE DATA
2	CallDateTime	Event date time. Must be at least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ
3	CallAssignment	Values: Time In, Time Out, Other	10	String	Yes	Time In Time Out Other
4	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
5	CallType	The type of device used to create the event. Values: Telephony, Mobile, FVV, Manual, Other. Any call with GPS data collected should be identified as Mobile. FVV should be used for any type of Fixed verification device.	20	String	Yes	Telephony Mobile FVV Manual Other
6	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String		See Appendix 2 HCPCS column
7	ClientIdentifierOnCall	If a client identifier was entered on the call, this value should be provided.	10	String	Conditional; see description in spec	LIVE DATA
8	MobileLogin	Login used if a mobile application is in use for GPS calls. Required if CallType = Mobile.	64	String	Conditional	LIVE DATA
9	CallLatitude	GPS latitude recorded during event. Latitude has a range of -90 to 90 with a 15 digit precision. Required for CallType = Mobile	19	Decimal	Conditional	LIVE DATA
10	CallLongitude	GPS longitude recorded during event. Longitude has a range of -180 to 180 with a	20	Decimal	Conditional	LIVE DATA

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
		15 digit precision. Required for CallType = Mobile.				
11	Location	Specific values to be provided based on the program.	25	String	Optional	LIVE DATA
12	TelephonyPIN	PIN for telephony. Identification for the employee using telephony. Required if CallType = Telephony.	10	String	Conditional	LIVE DATA
13	OriginatingPhoneNumber	Originating phone number for telephony. Required if CallType = Telephony.	10	String	Conditional	FORMAT: #####
Visit Exception Acknowledgement: Optional. If sending only completed visits, this should not be needed.						
1	ExceptionID	ID for the exception being acknowledged. Exact values for exceptions implemented are based on program rules.	2	String	Required	See Appendix 4 ExceptionCode column
2	ExceptionAcknowledged	True/False	5	String	Optional	True False
Visit Changes: Optional. If sending only completed visits, this should not be needed.						
1	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	String	Yes	If TIMESTAMP is used: YYYYMMDDHHMMSS (Numbers only; no characters)
2	ChangeMadeBy	The unique identifier of the user, system or process that made the change. This could be a system identifier for the user or an email. Could also be a system process, in which case it should be identified.	64	String	Yes	LIVE DATA
3	ChangeDateTime	Date and time when change is made. At least to the second.	20	Date Time	Yes	FORMAT: YYYY-MM-DDTHH:MM:SSZ

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Value(s) Format / Validation Rules
4	GroupCode	This visit was part of a group visit. GroupCode is used to reassemble all members of the group.	6	String	Optional	LIVE DATA
5	ReasonCode	Reason Code associated with the change.	4	String	Yes	See Appendix 3 ReasonCode column
6	ChangeReasonMemo	Reason/Description of the change being made if entered. Required for some reason codes.	256	String	Conditional	See Appendix 3 NoteRequired? Column
7	ResolutionCode	Resolution codes, if selected. Resolution Codes are specific to the program.	4	String	Optional	See Appendix 6 for specific values
Visit Tasks: Optional. DO NOT PROVIDE						
1	TaskID	TaskID, this taskID must map to the Task IDs used for the agency in the Sandata system	4	String	Yes	DO NOT PROVIDE
2	TaskReading	Task reading	6	String	Optional	DO NOT PROVIDE
3	TaskRefused	True, False	5	String	Optional	DO NOT PROVIDE
4	TaskUnit	Task unit	8	String	Optional	DO NOT PROVIDE

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	

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

3 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
99	Other	Yes

4 Exceptions

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.

5 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

6 Resolution Codes

Resolution Code ID	Description
A	Written Documentation Maintained

7 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

8 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)

9 Technical Companion and Examples

This appendix serves as additional technical documentation for the use of the Sandata OpenEVV Alt-EVV APIs.

API Location

The RESTful APIs can be reached at the following locations:

Production:

<https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1>

<https://api.sandata.com/interfaces/intake/employees/rest/api/v1.1>

<https://api.sandata.com/interfaces/intake/visits/rest/api/v1.1>

UAT:

<https://uat-api.sandata.com/interfaces/intake/clients/rest/api/v1.1>

<https://uat-api.sandata.com/interfaces/intake/employees/rest/api/v1.1>

<https://uat-api.sandata.com/interfaces/intake/visits/rest/api/v1.1>

The endpoints accept JSON data and support the HTTP POST method.

Authentication Header

The API endpoints utilize Basic Authentication. Therefore, a valid “Authorization” header must be sent with each request. This header is simply a Base 64 encoded representation of the username and password in the format “username:password”.

The credentials are determined and distributed during implementation.

An example header for “user@example.com” with password “secret” would be:

Authorization: Basic dXNIckBleGFtcGxlLmNvbTpzZWNYZXQ=

Account Header

In addition to the “Authorization” header, a header denoting the callers EVV “Account” must be sent. The credentials provided are specific to an account, and all data sent must also correspond to that account, or the request will be rejected.

An example of this header would be:

Account: 12345

Alternatively, for MCO customers and other vendors sending data on behalf of multiple EVV accounts, the “EntityGuid” header is used. This ID will be provided by Sandata during implementation.

An example of this header would be:

EntityGuid: 12345

Content-Type Header

As with all RESTful API requests, the “Content-Type” header should also be included:

Content-Type: application/json

Workflow

Interacting with the APIs is a two-step process:

Step 1 – Send a POST request with the data to the API

Step 2 – Utilize the “Status” API to check that processing completed successfully

Details are as follows:

The first step is to POST the data being sent to the URLs mentioned above in the “API Location” section. When data is sent, the Sandata system will validate the input meets the business requirements, process the data, and return a response.

The response sends back some key pieces of information. This includes any errors that may have been flagged, as well as a UUID, generated by Sandata, which uniquely identifies the request. See example responses below in the “Sample Response” section.

After this response is sent, the Sandata system begins processing the data into the system. Since the initial POST has already received a response, callers must use a second endpoint to check on the status of their request.

To this end, each API is accompanied by an additional endpoint for checking status. This endpoint is reached simply by appending “/status” to the URLs in the “API Location” section above. Calls to this endpoint must utilize the HTTP GET method and send in the UUID that is returned in the response to the POST call.

An example GET request for status for clients, would be sent as follows:

<https://api.sandata.com/interfaces/intake/clients/rest/api/v1.1/status?uuid=8d7c31f7-4a09-41a9-8edd-f9819def58f1>

Sample data can be found below.

In summary, the caller would POST data to the API, receive a response with a UUID, then utilize the “status” endpoint via GET in order to determining if processing was completed and successful.

Sample POST Data

Below find sample POST bodies for each entity, as well as sample responses in both successful and unsuccessful situations. Note that, based on implementation, not all fields are required to be present. In addition, certain implementations may include custom fields that are not represented in the samples. Please refer to the addendum for a full set of fields and their details.

JSON Employee

```
[{
  "ProviderIdentification": {
    "ProviderQualifier": "SandataID",
    "ProviderID": "123456"
  },
  "EmployeeQualifier": "EmployeeSSN",
  "EmployeeIdentifier": "999999999",
  "EmployeeOtherID": "2222",
```

```
"SequenceID": 99811930002,  
"EmployeeSSN": "999999999",  
"EmployeeLastName": "Employee",  
"EmployeeFirstName": "Test",  
"EmployeeEmail": "dummy@sandata.com",  
"EmployeeManagerEmail": "dummymanager@sandata.com",  
"EmployeeAPI": "111111111",  
"EmployeePosition": "RN"  
}]
```

JSON Client

```
[{  
  "ProviderIdentification": {  
    "ProviderQualifier": "SandataID",  
    "ProviderID": "123456"  
  },  
  "ClientID": "96641",  
  "ClientFirstName": "Test",  
  "ClientMiddleInitial": "T",  
  "ClientLastName": "Client",  
  "ClientQualifier": "ClientSSN",  
  "ClientMedicaidID": "999999999",  
  "ClientIdentifier": "999999999",  
}
```

```
"MissingMedicaidID": "False",
"SequenceID": 99811930002,
"ClientCustomID": "11111111",
"ClientOtherID": "2222",
"ClientSSN": "999999999",
"ClientTimezone": "US/Eastern",
"Coordinator": "123",
"ClientPayerInformation": [{
  "PayerID": "57",
  "PayerProgram": "123",
  "ProcedureCode": "123",
  "ClientPayerID": "987654321",
  "ClientEligibilityDateBegin": "2019-01-01",
  "ClientEligibilityDateEnd": "2020-01-01",
  "ClientStatus": "02",
  "EffectiveStartDate": "2019-01-01",
  "EffectiveEndDate": "2020-01-01"
}],
"ClientAddress": [{
  "ClientAddressType": "Home",
  "ClientAddressIsPrimary": true,
  "ClientAddressLine1": "36 West 5th Street",
  "ClientAddressLine2": "10th Floor",
  "ClientCounty": "Kings",
  "ClientCity": "Manhattan",
```

```
    "ClientState": "NY",
    "ClientZip": "10017",
    "ClientAddressLongitude": -73.4228741,
    "ClientAddressLatitude": 40.7431032
  }],
  "ClientPhone": [{
    "ClientPhoneType": "Home",
    "ClientPhone": "1234567890"
  }],
  "ClientDesignee": [{
    "ClientDesigneeFirstName": "",
    "ClientDesigneeLastName": "",
    "ClientDesigneeEmail": "",
    "ClientDesigneeStatus": "",
    "ClientDesigneeStartDate": "",
    "ClientDesigneeEndDate": "",
    "ClientDesigneeRelationship": ""
  }]
  "ClientResponsibleParty": [{
    "ClientContactType": "Other",
    "ClientContactFirstName": "Test",
    "ClientContactLastName": "Respparty",
    "ClientContactPhoneType": "Mobile",
    "ClientContactPhone": "3478788467",
    "ClientContactEmailAddress": "dummy@sandata.com",
```

```
        "ClientContactAddressLine1": "2727 East 29th Street",
        "ClientContactAddressLine2": "Apt 8I",
        "ClientContactCity": "Brooklyn",
        "ClientContactState": "NY",
        "ClientContactZip": "11229"
    ]
}]
```

JSON Visit

```
[{
    "ProviderIdentification": {
        "ProviderID": "123456",
        "ProviderQualifier": "SandataID"
    },
    "VisitOtherID": "123456789",
    "SequenceID": 111,
    "EmployeeQualifier": "EmployeeSSN",
    "EmployeeOtherID": "999999999",
    "EmployeeIdentifier": "999999999",
    "GroupCode": null,
    "ClientIDQualifier": "ClientMedicaidID",
    "ClientID": "111111111",
    "ClientOtherID": "111111111",
```

```
"VisitCancelledIndicator": false,
"PayerID": "999",
"PayerProgram": "PRG",
"ProcedureCode": "T1000",
"Modifier1": null,
"Modifier2": null,
"Modifier3": null,
"Modifier4": null,
"VisitTimeZone": "US/Eastern",
"ScheduleStartTime": "2019-07-28T16:02:26Z",
"ScheduleEndTime": "2019-07-28T20:02:26Z",
"AdjInDateTime": "2019-07-28T15:02:26Z",
"AdjOutDateTime": "2019-07-28T19:02:26Z",
"BillVisit": true,
"HoursToBill": 10,
"HoursToPay": 10,
"Memo": "This is a memo!",
"ClientVerifiedTimes": true,
"ClientVerifiedTasks": true,
"ClientVerifiedService": true,
"ClientSignatureAvailable": true,
"ClientVoiceRecording": true,
"Calls": [{
    "CallExternalID": "123456789",
    "CallDateTime": "2019-07-28T16:02:26Z",
```



```
"CallAssignment": "Time In",
"GroupCode": null,
"CallType": "Other",

"ProcedureCode": "T1000",
"ClientIdentifierOnCall": "111111111",
"MobileLogin": null,
"CallLatitude": 40.34455,
"CallLongitude": -21.99383,
"Location": "123",
"TelephonyPIN": 999999999,
"OriginatingPhoneNumber": "9997779999"
}],
"VisitExceptionAcknowledgement": [{
  "ExceptionID": "15",
  "ExceptionAcknowledged": false
}],
"VisitChanges": [{
  "SequenceID": "110",
  "ChangeMadeBy": "dummy@sandata.com",
  "ChangeDateTime": "2019-07-25T18:45:00Z",
  "GroupCode": null,
  "ReasonCode": "7227",
  "ChangeReasonMemo": "Change Reason Memo 999",
  "ResolutionCode": "A"
```

```
    }],  
    "VisitTasks": [{  
        "TaskID": "321",  
        "TaskReading": "98.6",  
        "TaskRefused": false  
    }]  
}]
```

Sample Responses

See some sample responses below. Note that the samples are provided for employee, but the same pattern is followed for both client and visit.

Employee POST (Successful)

```
{  
  "id": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",  
  "status": "SUCCESS",  
  "messageSummary": "The result for the input UUID is not ready yet. Please try again.",  
  "data": {  
    "uuid": "7f6dcd1a-ec5e-4efd-a2d4-1049756016a5",  
    "account": "12345",  
    "message": "The result for the input UUID is not ready yet. Please try again.",  
    "reason": "Transaction Received."  
  }  
}
```

```
}
```

Employee POST (Validation Error)

```
{  
  "id": "ea76e9a1-9b29-4f3d-af1c-6b573eb29b76",  
  "status": "FAILED",  
  "messageSummary": "[1] Records uploaded, please check errors/warnings and try again.",  
  "data": [  
    {  
      "ProviderIdentification": {  
        "ProviderID": "123456",  
        "ProviderQualifier": "SandataID",  
        "ErrorCode": null,  
        "ErrorMessage": null  
      },  
      "EmployeeIdentifier": "999999999",  
      "EmployeeOtherID": "2222",  
      "SequenceID": 99811930002,  
      "EmployeeQualifier": "EmployeeSSN",  
      "EmployeeSSN": "999999999",  
      "EmployeeLastName": "Employee",  
      "EmployeeFirstName": "Test",  
      "EmployeeEmail": "dummy@sandata.com",  
      "EmployeeManagerEmail": "dummymanager@sandata.com",
```

```
"EmployeeAPI": "111111111",
"EmployeePosition": "AKN",
"ErrorCode": null,
"ErrorMessage": "ERROR: The EmployeePosition expected format is not correct. The record should satisfy this regular
expression ['HHA|HCA|RN|LPN|PCA']. Invalid Value='AKN'. The record is being rejected."
}
]
}
```

Employee GET (Status)

A sample response to a status GET request that has finished processing is:

```
{
  "id": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",
  "status": "SUCCESS",
  "messageSummary": "All records updated successfully.",
  "data": {
    "uuid": "73b7a9d7-a79a-45cc-9def-cb789c111f4b",
    "account": null,
    "message": "All records updated successfully.",
    "reason": "Transaction Received."
  }
}
```

If the request is not yet finished being processed, the “messageSummary” will be “The result for the input UUID is not ready yet. Please try again.”

```
{
  "id": "873a1d97-0681-402e-8268-b6cad8f2b4b7",
  "status": "SUCCESS",
  "messageSummary": "The result for the input UUID is not ready yet. Please try again.",
  "data": {
    "uuid": "873a1d97-0681-402e-8268-b6cad8f2b4b7",
    "account": "12345",
    "message": "The result for the input UUID is not ready yet. Please try again.",
    "reason": "Transaction Received."
  }
}
```

If the request was processed but failed business rules, an example status would be:

```
{
  "id": "e5de964b-9803-4051-b89b-8a89926e4983",
  "status": "SUCCESS",
  "messageSummary": "[2] Records uploaded, please check errors/warnings and try again.",
  "data": [
    {
```

```
"ProviderIdentification": {
  "ProviderID": "123456",
  "ProviderQualifier": "SandataID",
  "ErrorCode": null,
  "ErrorMessage": null
},
"EmployeeIdentifier": "999999999",
"EmployeeOtherID": "2222",
"SequenceID": 99811930002,
"EmployeeQualifier": "EmployeeSSN",
"EmployeeSSN": "999999999",
"EmployeeLastName": "Employee",
"EmployeeFirstName": "Test",
"EmployeeEmail": "dummy@sandata.com",
"EmployeeManagerEmail": "dummymanager@sandata.com",
"EmployeeAPI": "111111111",
"EmployeePosition": "RN",
"ErrorCode": "-709",
"ErrorMessage": "Version number is duplicated or older than current"
}
]
}
```