



Colorado HCPF Third Party EVV Addendum v2.5

Companion Guide to Third Party Alternate EVV System Specification v7.1

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Version Update

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J.Ross/P.Brooks		Draft 1	5/29/2019
Pamela Brooks	Product Delivery Owner	Updated GroupCode to optional	09.09.2019
Pamela Brooks	Product Delivery Owner	Updated ProviderQualifier = MedicaidID	10.29.201
Pamela Brooks	Product Delivery Owner	Updated EmployeeEmail = Optional	11.05.2019
Pamela Brooks	Product Delivery Owner	v2.0: Updated Appendix 3 to remove leading zeros from IDs 1-9 <ul style="list-style-type: none"> Reason Code 01 => 1 Reason Code 02 => 2 Reason Code 03 => 3 Reason Code 04 => 4 Reason Code 05 => 5 Reason Code 06 => 6 Reason Code 07 => 7 Reason Code 08 => 8 Reason Code 09 => 9 Updated Appendix 4 <ul style="list-style-type: none"> Exception Code 1 => 0 Exception Code 02 => 1 Exception Code 04 => 23 Exception Code 05 => 3 Exception Code 06 => 4 Exception Code 07 => 15 Added Exception Code 2 – Visit Without Any Calls Exception Name No Show => No Show Exception Exception Name Alternate Location => Location Required 	02.21.2020
Pamela Brooks	Product Delivery Owner	V2.1: <ul style="list-style-type: none"> Added ClientID in Client General – this is a Sandata assigned unique value for a client Changed ClientIDQualifier in Visit General – required incoming value must be “ClientMedicaidID” 	04.01.2020

Name	Title	Changes	Date
Pamela Brooks	Product Delivery Owner	V2.2: <ul style="list-style-type: none"> Updated TaskID => See Appendix 6 Created Appendix 6 for Tasks Removed reference to “GPS coordinates...” in Appendix 4/ ExceptionID 41 Location Required 	06.26.2020
Pamela Brooks	Product Delivery Owner	V2.3: <ul style="list-style-type: none"> Updated “Note Required” values for Reason Code 15 and 16 to “YES” in Appendix 3 	06.30.2020
Pamela Brooks	Product Delivery Owner	V2.4: <ul style="list-style-type: none"> Section 1.1 - removed Section 1.3 – text updated with new wording Sections 1.4 – 1.12 – New Section 2 – Added Required Segment and Required Field Definitions Added statement regarding Multiple Medicaid IDs Replaced Payer/State and Payer/Program with Colorado HCPF EVV Program throughout document Section 1.9 included Employees as the third type of record where SequenceID applies Updated CDS to CDASS throughout the document Section 2 – added visit status definitions Employee General <ul style="list-style-type: none"> Index 2 – Added standard format Index 8 – Added standard format and validation rules Visit General <ul style="list-style-type: none"> Index 5 – Added standard format Index 8 – Added standard format Index 10 – Added standard format Visit Calls <ul style="list-style-type: none"> Index 2 – Added standard format Visit Changes <ul style="list-style-type: none"> Added description to segment name Visit Tasks	04.28.2021

Name	Title	Changes	Date
		<ul style="list-style-type: none"> Added description to segment name Appendix 3 <ul style="list-style-type: none"> Updated IDs 15 and 16 to require a note Appendix 4 <ul style="list-style-type: none"> Added description Updated Exception Code 41 – adjusted times description added; reason code description added Appendix 9 – NEW	
Adrienne Goodwin	Customer Success Manager	<ul style="list-style-type: none"> Updated document to v2.5 Added to section 1.8 Rules segment “Visit Rules” When an exception requires acknowledgment, it must be submitted with all required visit data. However, if an exception is categorized as “Fixable” and acknowledgment is not allowed for that exception, the visit will be rejected. 	2/6/2025
Adrienne Goodwin	Customer Success Manager	<ul style="list-style-type: none"> Updated Exception table to include ACK or FIX per exception 	2/10/2025

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1 Overview

This specification is intended to document any additional required attributes and the attributes for this specification that have values specific for Colorado HCPF pertaining to the Third Party EVV API are required or recommended. Any additional attributes sent by Colorado HCPF Third Party EVV Providers will not be validated but will be stored by Sandata.

1.1 AltEVV API Transmission Guidelines

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

1.2 Program Specific Assumptions & Business Policies

This Addendum (Colorado HCPF Third Party EVV Addendum) must be used in combination with the Generic Specifications (Requirement Specification for Receipt of Alternate Electronic Visit Verification Systems Data altEVV). Please refer to the Generic Specifications for general information on clients, Employees, visits, and their associated calls as well as the ability to send data related to visit modifications.

This document (Addendum) details the requirements specific to the State of Colorado’s EVV program and defines all required fields/data to be sent as defined within program policy as well as the expected values specific to Colorado. This interface, for Colorado HCPF, is intended for Third Party EVV Vendors to provide all visits regardless of status to the aggregator preferably in near real time but at least daily 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 Colorado HCPF 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 including visit changes
- Frequency: At least daily

1.3 Transmission Limits

A single transaction may contain from 1 to 5,000 records. A single record set would include all associated elements. If the transaction size exceeds the maximum limit for the group (5,000 records), the entire transaction is rejected and will require retransmission, as noted in the transaction acknowledgement. During peak loads, records received will be queued and processed as resources permit. Other transactions received for the Provider ID will be queued behind these until they are processed since they must be processed in the proper order. Transmission limits may be avoided by uploading more frequently than the maximum span of once daily.

1.4 Data Type Format Details

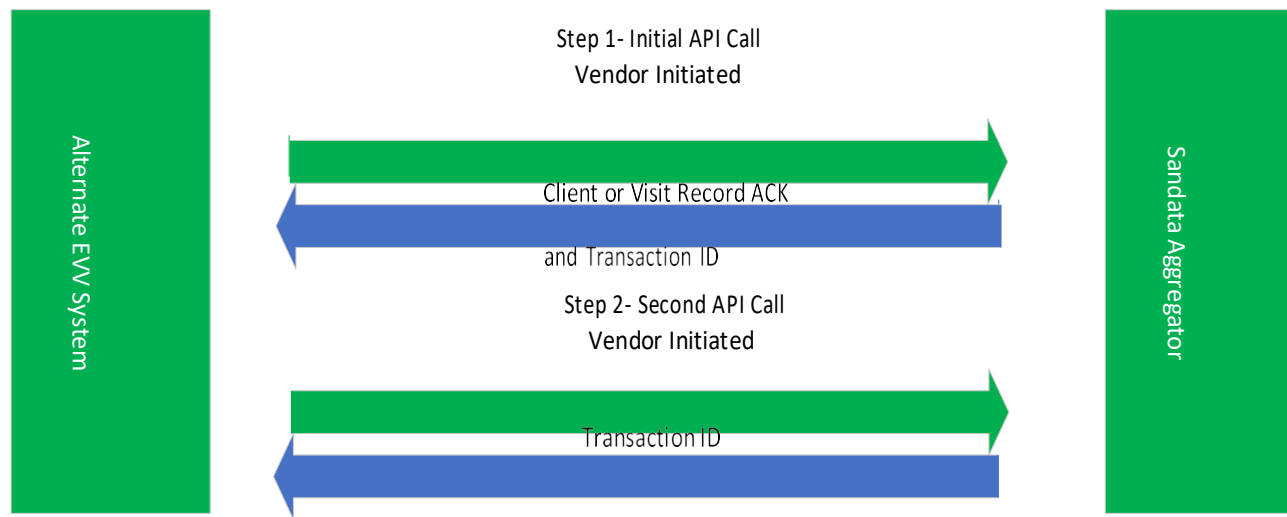
The user will send information in JSON or XML format. JSON and XML allow multiple "child" entities for a parent. The format of the information sent must match exactly the format defined below and must be sent via web service using JSON or XML. Ultimately, we support only three data types during transmission: string, number and Boolean. The specification uses more additional data types to ensure that data is received in the expected formats and appropriate record level editing can be incorporated. Except where numeric, the assumed JSON and XML format should be string. The data type provided in the specification is based on the following field definitions. Note that the format is case sensitive. All field names must be provided in EXACTLY the casing used in the definitions below. Sandata recommends using RESTful services with JSON formatting.

Data Type	Description	Example
DateTime	<p>The date and time is represented as a string with the following format: YYYY-MM-DDTHH:MM:SSZ</p> <p>All times will be provided in UTC.</p> <p>If time is not material, it will be provided as is expected.</p>	2016-12-20T16:10:28Z
Date (only Date)	<p>The data is represented as a string with the following format: YYYY-MM-DD</p> <p>Date only will be sent in UTC format.</p>	2016-12-20

Timezone	All time for tracking visits will be in UTC. The Time zone name expected in each transaction is the actual Time zone where the event took place. i.e. US/Mountain	A complete list of time zones can be found in the appendix of this document
String	A string is a row of zero or more characters which can include letters, numbers, or other types of characters as a unit, not an array of single characters. (e.g. plain text).	"This is a string" (See Wikipedia String)
Integer	An integer is a numeric value without a decimal. Integers are whole numbers and can be positive or negative.	52110 (positive) -87721 (negative) (See Wikipedia Integer)
Decimal	A floating-point number is referred to as a decimal . Can be positive or negative.	8221.231 (positive) -71.214 (negative) (See Wikipedia Decimal)
Boolean	A logic predicate indicator that can be either true or false.	TrueFalse See Wikipedia Boolean

1.5 Rejected Record Process

When a transaction is received, Sandata will return a response for all records in the transaction a transaction ID and an ACK (acknowledgment of receipt). This transaction ID can be queried by the caller for status of the records in the transaction. This process will allow the provider/vendor to get status on any of the records that may have been rejected. The below is an example record transaction:



1.6 New Record and Updates

New records and updates for previously sent data should be provided via clients or visits interfaces ('data packages'). If a set of records is sent (either client or visit), all associated applicable elements should be sent. Partial updates will be rejected. An update that deletes a record will not actually remove information since Sandata will not physically delete information. The deleted record/s will no longer be visible on the application. However, the record history will maintain the original data received.

1.7 Transmission Method

Sandata supports an SOA architecture. Sandata will provide an API for Alternate EVV vendors or agency's internal IT organizations to utilize. Sandata will provide sample JSON format information (Java equivalent to XML), as well as the WADL (JSON equivalent of the WSDL) to those parties developing the interface. This specification will include the rest endpoints needed to request status on record acceptance /rejection.

1.8 Rules

The following rules apply to information received through this interface. For all rules that result in a rejection, it is expected that the issue will be resolved in the Alternate Data Collection System and the information subsequently retransmitted.

- ✓ There is one Interface per Sandata Provider Agency ID.
- ✓ There will be 2 independent types of data provided through the Alternate EVV interface:
 - Clients;
 - Employees (Field Staff); and
 - Visit Information.

Each segment (client or visit) can be sent individually or grouped into a single transaction.

THE ALTERNATE DATA COLLECTION SYSTEM WILL BE RESPONSIBLE FOR:

- ✓ Visittransmittals. Note that rejection responses will be delivered as separate API calls initiated by the Alternate EVV Vendor. Information should be sent for only those records that are added, changed, or deleted. This is considered to be an incremental interface. Records which have not changed should not be resent.
- ✓ Complete transmissions.
 - When sending a client, all applicable elements and sub elements must be sent during each transmission.
 - When sending an employee, all applicable elements and sub elements must be sent during each transmission.
 - When sending a visit, all applicable elements and sub elements must be sent during each transmission.
- ✓ Call matching. Calls received--regardless of the collection method used by the Alternate Data Collection System--are received together into a complete visit by the Aggregator, per the specification. Sandata will not attempt to match or rematch the visits received.
- ✓ All data will be accepted from Alternate EVV Vendor data "as is," including any calculated fields.
- ✓ Location.

- Latitude and Longitude. Alternate EVV Data Collection Systems are responsible for providing latitude and longitude on all client addresses provided. Latitude and longitude must be provided for both the visit start and visit end time, assuming it is collected via a GPS-enabled device.
- ✓ Assigning sequence numbers. For each of the 2 types of records (client or visit), the Alternate Data Collection System will be responsible for assigning sequence numbers for each child element to ensure that updates are applied in the appropriate sequence. If a record is rejected, an incremented sequence is expected on the next transmission of that record set. Sequence numbers are per unique record (client and visit) and record set (modifications to the same client and visit). For example, the first time a particular client is sent, the sequence would be set to 1. The second time that same client is sent, the sequence would be set to 2, etc.
- ✓ Having the ability to correct defined exceptions. Exceptions must be corrected using the standard set of reason codes provided by Colorado HCPF EVV Program (see Appendix 3 Reason Codes). Some of the defined reason codes require additional text to provide additional information; this information must also be sent as part of this interface.
- ✓ Change log transmission. Changes made to all visit information must be fully logged, and the log information must be transmitted as part of the visit record, as applicable. Changes to existing records must be logged.
- ✓ Using standard date/time format. All dates and times provided must be sent in UTC (Coordinated Universal Time) format in GMT.

GENERAL PROCESSING RULES:

- ✓ If a record is received and any required data is missing, malformed, or incomplete as defined in the specification, the record will be rejected or set to default values in accordance with the detailed specifications.
- ✓ If an optional field is provided with an invalid value (one not listed in this specification), the field will be set to the default value, null and/or rejected, unless otherwise specified in this specification.
- ✓ If text (string) field length is longer (>/greater than) than the maximum allowed for that field value, unless otherwise noted, the field will be

truncated to the maximum length specified for that field.

- ✓ Any record without a sequence number will be rejected. Sequence numbers are per unique record (client, employee, visit). For example, the first time a particular client is sent, the sequence would be set to 1. The second time the same client is sent, the sequence would be set to 2, etc.
- ✓ Records will be processed in the order received using the assigned sequence number.
- ✓ If a record that has been received has a sequential number that is less than the one already processed, it WILL BE PROCESSED, but will be logged as “received” and inserted into history. It will not be considered to be the current record.
- ✓ Header information as determined for the payer and program must be included in each transmission for each record (client, employee, visit), otherwise the entire collection of records will be rejected.

CLIENT RULES:

The following represents a subset of the requirements for client information. Please see the Field Information section of this document for all applicable rules.

- ✓ If the client does not include the defined unique identifier, the client will be rejected.
- ✓ If the client does not include a Client Other ID (external ID) and Sequence ID, the client will be rejected.
- ✓ If the client does not include first name, last name and time zone, the client will be rejected.
- ✓ If the client does not include at least 1 complete address (address line 1, city, state, zip code) the client will be rejected.

EMPLOYEE RULES:

The following represents a subset of the requirements for employee information. Please see the Field Information section of this document for all applicable rules.

- ✓ If Staff Other ID (External ID), Sequence ID and Staff ID are not provided, the employee will be rejected.
- ✓ If employee first name and last name are not provided, the employee will be rejected.

VISIT RULES:

- ✓ No Client Provided - To allow the Aggregator to determine if the visit is for a Colorado HCPF EVV Program client, the visit must include a client. If a visit does not include a client, the complete visit will be rejected.
- ✓ Invalid/Unknown Client Provided - To allow the Aggregator to determine if the visit is for a Colorado HCPF EVV Program Client, the visit must include a valid client associated with the payer. If a visit includes a client that is unknown to Sandata (has not been received and accepted via a data-driven feed provided by AHCCCS), the complete visit record will be rejected.
- ✓ No Employee Provided / Invalid or Unknown Employee Provided - If a visit does not include an employee (visit record sent without an employee associated), the visit will be accepted and the 'Unknown Employee' exception will be calculated and applied. This record is accepted but raises an exception.
- ✓ The Alternate EVV system must be able to handle a visit that crosses calendar days.
- ✓ A visit can only be cancelled if it does not have any calls associated with it or any adjusted times. If a visit has calls but is being cancelled in the source EVV system, the "Bill Visit" indicator should be set to False to indicate that the visit should be disregarded for billing purposes. The visit status will be set to Omit by the Aggregator.
- ✓ The following rules apply to the dates and times provided for the visit:

Date and Time Exists for the Following:				Rule
Call In	Call Out	Adjusted In	Adjusted Out	
X	X			Call Out must be > Call In Otherwise record rejected.
Superseded by Adj. In	Superseded by Adj. Out	X	X	Adj. Out must be > Adj. In Otherwise record rejected.
X	Superseded by Adj. Out		X	Adj. Out must be > Call In Otherwise record rejected.
Superseded by Adj. In	X	X		Call Out must be > Adj. In Otherwise record rejected.

- ✓ Upon receipt, Sandata will calculate all configured Colorado HCPF EVV Program exceptions and apply those exceptions as applicable. For those exceptions that may be recalculated over the life of the visit, these exceptions will be calculated as appropriate.
- ✓ It is assumed that there are some exceptions that cannot be “fixed” in the Alternate Data Collection System by their nature. They are configured for the Colorado HCPF EVV Program as requiring acknowledgement by the system user. One of the included visit elements provides the ability for the user to send their acknowledgement. All exceptions require attestation that the exception has been reviewed/acknowledged in the system along with the appropriate reason code and attestation that appropriate documentation exists. Exceptions are specific to a given Payer/Program and will be noted in the appendix.
- ✓ When an exception requires acknowledgment, it must be submitted with all required visit data.
However, if an exception is categorized as "Fixable" and acknowledgment is not allowed for that exception, the visit will be rejected.
- ✓ Upon receipt, Sandata will calculate and apply visit status as defined for the Colorado HCPF EVV Program.
- ✓ The Alternate Data Collection System will be expected to send a reason code and optionally the defined resolution code if it applies to the payer. Based on the definitions of the reason codes, some reason codes require additional information explaining the change. If additional information is required,

the alternate data collection system must collect the information and include it when transmitting the visit to Sandata.

1.9 Sequencing

The SequenceID on all three types of records (clients, employees and visits) should be independent per record and should be incremented each time any record is sent. The Sequence ID will be used to ensure that a record is processed only once and that the most current information is used for reporting and claims processing. In the event a visit update is not accepted (rejected), the SequenceID on that transmission should not be reused. The next update should increment to the next number in the sequence. Failure to do so will cause the new record to be rejected as a duplicate.

Sequence Rules:

- If the latest SequenceID is greater than the highest value previously received, the record set will not be rejected. i.e. latest SequenceID = 5, previous SequenceID = 4 → Record accepted and latest record is displayed.
- If the latest SequenceID is less than the value previously received, and the record has not yet been processed, it will be accepted and recorded as historical information. i.e. latest SequenceID = 8, previous SequenceID = 10 → Record accepted and latest record is still SequenceID = 10.
- If the Sequence ID is equal to a value previously received, it will be rejected. i.e. latest SequenceID = 15, previous SequenceID = 15
→ Record rejected.
- Gaps in sequence will be allowed.

1.10 Message Acknowledgement (ACK) and Transaction ID

Index	Column Name	Description	Max Length	Type
1	AgencyIdentifier	Unique identifier for the agency.	10	String
2	ProviderID	Unique identifier for the agency.	64	String
3	TransactionID	Unique identifier for the request generated by the payer.	50	String
4	Reason	Default and only value provided: "Transaction Received"	250	String

1.11 Response for Record Status

Index	Column Name	Description	Max Length	Type
1	AgencyIdentifier	Unique identifier for the agency.	10	String
2	ProviderID	Unique identifier for the agency.	64	String
3	RecordType	Type of record that was rejected Values: Client, Employee, Visit	10	String
4	RecordOtherID	Value of the record identifier	50	String
5	Reason	Default and only value provided: "Transaction Received"	250	String

2 Third Party Alternate EVV System API

The following tables reflect all required fields in the Third Party Alternative EVV System Specification. The intent of this document is to identify the Colorado HCPF EVV Program-specific fields that will be present in the final data feeds received by Sandata. 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.

Colorado Visit Status Definitions:

- **In Process** In the absence of a schedule, a visit is considered in process if:
 - Sandata EVV receives a call in from the employee's personal device using Sandata Mobile Connect
 - Sandata EVV receives a call in from telephony
 - The Aggregator receives a call in from an Alternate Data Collection System¹⁰

Visits will remain in process until a Call Out is received, or 25 hours has passed. After 24 hours, the visit will become Incomplete, assuming the Call Out was not received.

- **Incomplete** A visit is considered Incomplete if it requires manual intervention before it can be considered closed, completed or verified. Incomplete is determined based on the calculation of selected exceptions.
The visit will remain in an incomplete status until all actionable exceptions have been appropriately handled by the user.
For Sandata EVV users, exceptions need to be corrected. Sandata EVV captures the change being made as well as the date and time and user making the correction. This information is immediately available to the Aggregator.
For Alternate Data Collection System users, these exceptions must be corrected in their source system and retransmitted to the Aggregator. Information sent should include the updated information as well as the reason code, the date and time of the change, and the identity of the user making the correction.

- **Verified** A verified visit – which has been referred to as Closed, Complete or Approved in various documents – needs the following to be in place:
 - A call in has been received or manually entered with all required information.
 - A call out has been received or manually entered with all required information.
 - All information required by the program, defined via exceptions, is in place.
 - All required information exists and all configured exceptions have been acknowledged or fixed per HCPF rules via Sandata EVV's Visit Verification or by the Alternate EVV Vendors system.

It is possible for a provider to make additional changes to a visit considered to be verified. To do this, the reason code for the change and all information related, including who made the change and when, will be included as part of the updated information. This will be required whether the changes were made in Sandata EVV or an Alternate Data Collection System.

While Sandata does not participate in the generation of billing information, for a visit which requires EVV information to be present, the visit being billed should have an associated verified visit in the Aggregator.

- **Omit** A visit will be shown as omitted if the indicator on the visit is set to “do not bill”. This means that the agency does not intend to submit a claim for this particular visit. As such, they will likely not fix or acknowledge any exceptions or missing exceptions.

Required Segment Definitions:

- Data segments may be required or optional. When sending data included in a particular segment, all required fields must be provided.
- If a data segment is optional and will not be sent, you may disregard all data fields including those that are required. The concept of required fields only applies when any given data segment is being sent to Sandata.

Required Field Definitions:

- Required – data element *must* be provided on the import file, otherwise, the record will be rejected.
- Optional – vendor may choose to send data element or not. If an optional field is being sent, ensure it is included in the header record. Record will not be rejected if this field is null.
- Conditional – specific scenarios exist where this field is required, other scenarios exist where this field may not apply and should not be sent. Conditional rules (or scenarios) will be detailed in the field description.

Required Call Elements:

- For manually entered visits, the following fields are required to record the clock in and clock out:
 - CallExternalID
 - CallDateTime
 - CallAssignment – Time In / Time Out
 - CallType – Value = ‘Manual’
 - ClientIdentifierOnCall – the client identifier for the call

- The 'Visit Changes' segment with the following fields:
 - Sequence ID
 - ChangeMadeBy
 - ChangeDateTime
 - ReasonCode
 - ChangeReasonMemo – if, based on the selected ReasonCode, the memo is required
 - ResolutionCode
- 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. If a visit is received with adjusted times but no actual calls, the following fields must be provided:
 - The 'Visit Changes' segment with the following fields:
 - Sequence ID
 - ChangeMadeBy
 - ChangeDateTime
 - ReasonCode
 - ChangeReasonMemo – if, based on the selected ReasonCode, the memo is required
 - ResolutionCode
- For any visit with manual adjustments or any edit performed on data including all changes not collected as part of the original 'call' or 'clock' recorded in the field, the visit must include the 'Visit Changes' segment with the following fields:
 - Sequence ID
 - ChangeMadeBy
 - ChangeDateTime
 - ReasonCode
 - ChangeReasonMemo – if, based on the selected ReasonCode, the memo is required
 - ResolutionCode
- Location
 - Alternate EVV Data Collection Systems are responsible for providing an Address or Unique Location for all visits when a GPS-enabled device is not used.

- Exception Code 41 and Reason Code 15 or 16 must be used when latitude and longitude are not recorded with a GPS-enabled device. Location can also be updated using this methodology. Acceptable forms of location include:
 - Address (e.g 123 Main St. Denver, CO 80203)
 - Latitude and longitude

Multiple Medicaid IDs: Provider IDs (Medicaid IDs) will have a unique EVV account with Sandata. Vendors sending data on behalf of multiple EVV accounts will use the “EntityGuid” header. This ID will be provided by Sandata during implementation. See Appendix 9 Technical Companion and Examples (Account Header) for information on sending data for multiple EVV accounts.

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Values
Provider Identification						
1	ProviderQualifier	Identifier being sent as the unique identifier for the provider.	20	String	Yes	MedicaidID
2	ProviderID	Unique identifier for the agency.	64	String	Yes	ProviderID (8-10 digits based on assigned state identifier)
Client General Information						
1	ClientID	Internal client identifier generated by Sandata			No	SANDATA ASSIGNED
2	ClientFirstName	Client’s First Name.	30	String	Yes	Client First Name
4	ClientLastName	Client’s Last Name.	30	String	Yes	Client Last Name
5	ClientQualifier	Value being sent to unique identify the client. Values: 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	ClientMedicaidID
6	ClientMedicaidID	Unique ID provided by the State Medicaid program to the client.	64	String	Yes	Client’s MedicaidID (1 alpha character followed by 6 digits)
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	Expecting same value as ClientMedicaidID
9	SequenceID	The Third Party EVV visit sequence ID to which the change applied.	16	Integer	Yes	3 rd party sequence identifier (order in which to process the change)
13	ClientTimeZone	Client’s primary time zone. Depending on the program, this value may be defaulted or	64	String	Yes	US/Mountain or value from Appendix 5

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Values
		automatically calculated. Please see the appendix for acceptable values.				
Client Payer Information						
1	PayerID	Sandata EVV assigned ID for the payer. Payer ID is determined during the implementation process.	64	String	Yes	See Appendix 1 PayerID column
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	See Appendix 1 ProgramID column
3	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String	Yes	See Appendix 2 HCPCS column
Client Address						
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 or null (will default to 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	Client Address
6	ClientCity	City associated with this address.	30	String	Yes	City
7	ClientState	State associated with this address. Two Character standard abbreviation.	2	String	Yes	CO
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	Zip Code
9	ClientAddressLongitude	Calculated for each address.	(99.999999 999999999)	Decimal	Yes	Client Address Latitude
10	ClientAddressLatitude	Calculated for each address.	(99.999999 999999999)	Decimal	Yes	Client Address Longitude
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	Required if provided	Home Mobile Business Other
2	ClientPhone	Client phone number. Format #####.	10	String	Required if provided	Client Phone Number
Employee General Information						
1	EmployeeQualifier	Value being sent to unique identify the employee.	20	String	Yes	EmployeeCustomID

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Values
2	EmployeeIdentifier	Employee identifier identified by EmployeeQualifier.	9	String	Yes	FORMAT: #####AAAA; 9 char, starting w/5 digits [0-9], followed by 4 letters [A-Z] Last 5 digits of EmployeeSSN + EmployeeLastName
4	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	Integer	Yes	3 rd party sequence identifier (order at which to process the change)
5	EmployeeSSN	Employee Social Security Number	9	String	Optional	Format - #####. 4 zeros followed by last 5 digits of EmployeeSSN
6	EmployeeLastName	Employee's Last Name	30	String	Yes	Employee Last Name
7	EmployeeFirstName	Employee's First Name	30	String	Yes	Employee First Name
8	EmployeeEmail	Employee's Email Address	64	String	Optional	Employee Email Address Format: xxx@xxx.xxx Validation Rules: @ and extension (.xxx) are required to validate an address
Visit General Information						
1	VisitOtherID	Visit identifier in the external system	50	String	Yes	3 rd party visit identifier
2	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	Integer	Yes	3 rd party sequence identifier (order at which to process the change)
3	EmployeeQualifier	Value being sent to unique identify the employee.	20	String	Yes	EmployeeCustomID
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.	9	String	Yes	FORMAT: #####AAAA; 9 char, starting w/5 digits [0-9], followed by 4 letters [A-Z] Last 5 digits of EmployeeSSN + EmployeeLastName
6	GroupCode	This visit was part of a group visit. Group Code is used to reassemble all members of the group.	6	String	Optional	Group Code – Limited to 6 digits
7	ClientIDQualifier	Value being sent to unique identify the client. Values: ClientSSN; ClientOtherID, ClientCustomID.	20	String	Yes	"ClientMedicaidID"

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Values
		Should be the same as the value used by the Payer if a client feed is provided by the payer.				
8	ClientID	Identifier used in the client element.	64	String	Yes	Client specific ID FORMAT: A000000; 7 char, starting w 1 UC letter [A-Z], followed by 7 digits [0-9]
10	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	Based on the value in ClientQualifier Expecting same value as ClientMedicaidID FORMAT: A000000; 7 char, starting w 1 UC letter [A-Z], followed by 7 digits [0-9]
11	VisitCancelledIndicator	True/false – allows a visit to be cancelled / deleted based on defined rules.	5	String	Yes	True False
12	PayerID	Sandata EVV assigned ID for the payer. Payer ID is determined during the implementation process.	64	String	Yes	See Appendix 1 PayerID column
13	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
14	ProcedureCode	This is the procedure code which would be mapped to the associated service. Colorado has chosen to group codes for EVV Visit Capture.	5	String	Yes	See Appendix 2 HCPCS column
19	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	US/Mountain or value from Appendix 5
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. This is an Optional segment.						
1	CallExternalID	Call identifier in the external system	16	String	Yes	3 rd party call identifier
2	CallDateTime	Event date time. Must be at least to the second.	20	Date Time	Yes	Call date and time FORMAT: YYYY-MM-DDTHH:MM:SSZ
3	CallAssignment	Values: Time In, Time Out, Other	10	String	Yes	Time In Time Out Other
5	CallType	The type of device used to create the event. Values: Telephony, Mobile, FVV, Manual, Other.	20	String	Yes	Telephony Mobile FVV Manual Other

Index	Element [Column Name]	Description	Max Length	Type	Required?	Expected Values
		Any call with GPS data collected should be identified as Mobile. FVV should be used for any type of Fixed verification device.				
6	ProcedureCode	This is the billable procedure code which would be mapped to the associated service.	5	String		See Appendix 2 HCPCS column
Visit Exception Acknowledgement: This must be sent when exceptions exist. Please review Appendix 4 Exception for information on implementing this in your system.						
1	ExceptionID	ID for the exception being acknowledged. Exact values for exceptions implemented are based on program rules.	2	String		See Appendix 4 ExceptionCode column
Visit Changes: : This is a conditional segment that is required when changes are performed against a visit record. Visits being submitted for the first time may include visit changes and visit changes may modify existing visit records. One visit record may include multiple changes.						
1	SequenceID	The Third Party EVV visit sequence ID to which the change applied	16	String	Yes	3 rd party sequence identifier (order at which to process the change)
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	UserID for the person who performed the change to the visit
3	ChangeDateTime	Date and time when change is made. At least to the second.	20	Date Time	Yes	Date and time of change made to visit
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
Visit Tasks: This is an optional segment to be provided when an Alternate Location has be used.						
1	TaskID	TaskID, this taskID must map to the Task IDs used for the agency in the Sandata system	4	String	Yes	See Appendix 6 (This field is only required when submitting the Task segment in the Visit file. If that segment is not provided, then this field is not required.)

Appendices

1 Payers & Providers

ID	Payer ID	Program/Waiver Name	Program ID	Description
01	COHCPF	Health Care Policy & Financing	HCPF	See below for all covered services
02	COHCPF	Health Care Policy & Financing	CDASS	Consumer directed services

2 Services & Modifiers

Payer	Program ID	Grouped Procedure Code	Description
COHCPF	HCPF	BHSVC	Behavioral Services
COHCPF	HCPF	HMKR	Homemaker
COHCPF	HCPF	IHSS	In-Home Support Services (IHSS)
COHCPF	HCPF	PRSNL	Personal Care
COHCPF	HCPF	RSPT	Respite
COHCPF	HCPF	LST	Independent Living Skills Training (ILST) and Life Skills Training (LST)
COHCPF	HCPF	HHNUR	Home Health - Nursing
COHCPF	HCPF	HHBAS	Home Health - Basic
COHCPF	HCPF	HHPT	Home Health - Physical Therapy
COHCPF	HCPF	HHOT	Home Health - Occupational Therapy
COHCPF	HCPF	HHSLT	Home Health - Speech/Language Therapy
COHCPF	HCPF	PDRN	Private Duty Nursing
COHCPF	HCPF	HSPH	Hospice in Home
COHCPF	HCPF	HSHIP	Hospice Inpatient
COHCPF	HCPF	PEDPC	Pediatric Personal Care Services
COHCPF	HCPF	PEDBT	Pediatric Behavioral Therapies
COHCPF	HCPF	PT	Physical Therapy

Payer	Program ID	Grouped Procedure Code	Description
COHCPF	HCPF	OT	Occupational Therapy
COHCPF	HCPF	SLT	Speech Therapy
COHCPF	HCPF	DME	Durable Medical Equipment
COHCPF	CDASS	CDASS	Consumer Directed Attendant Support Services (CDASS)
COHCPF	CDASS	SLSHM	Consumer Directed Attendant Support Services SLS Health Maintenance

3 Reason Codes

Note: All reason codes are identical for both provider and CDASS programs.

Reason Code	Description	Note Required?
1	Member Santrax ID/Medicaid ID not entered	No
2	Staff forgot to clock in/clock out	No
3	Wrong service selected	No
4	Wrong member selected	No
5	Service not selected	No
6	Member not home	No
7	Member refused services	No
8	Cell phone not charged	No
9	Sandata mobile application problems	No
10	No cell coverage	No
11	TVV - Phone disconnected	No
12	TVV - Phone in use by Member/family	No
13	TVV – Client Known – Called from phone number not associated with client	No
14	Other	Yes
15	Location captured by MVV/TVV incorrect	
	Required Note must designate the client's location (e.g. 123 Main Street Denver, CO 80203)	Yes
16	Manual entry of EVV	
	Required Note must designate the client's location (e.g. 123 Main Street Denver, CO 80203)	Yes

4 Exceptions

Any visit changes and exception acknowledgement should reference these valid exception values when submitting data above. When visits are sent to Sandata via the Alt-EVV API, the Sandata system will calculate “exceptions” based on the incoming data. Business rules are applied to the visit based on the configuration for the program. These rules may trigger visits to be flagged with exceptions, denoting business rules that are not being met. Visits with exceptions will not be “Approved” or “Verified”, and thus may be excluded from additional processing, such as claims validation or data exports.

Users of the Alt-EVV API have the opportunity to “Acknowledge” certain exceptions. This tells the Sandata system that the exception has been handled in the source system. Thus, the visit can be treated as “Approved” or “Verified”, so long as all calculated exceptions are marked as “Acknowledged”.

NOTE: All exceptions will be identical for both the providers and the CDASS program.

Exception Code	Exception Name	Description	Type
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.	FIX
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).	FIX
23	Missing Service	Exception when the service provided during a visit is not recorded or present in the system.	FIX
2	Visit Without Any Calls	Exception thrown when a visit is recorded without any calls.	FIX
3	Visits Without In-Calls	Exception thrown when a visit is recorded without an "in" call that began the visit.	FIX
4	Visits Without Out Calls	Exception thrown when a visit is recorded without an "out" call that completed the visit.	FIX
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.	ACK
21	No Show Exception	Exception when a direct care worker failed to arrive for a scheduled visit. (Scheduling Only) This exception occurs when a visits has been scheduled, but no calls have been received for that visit. In most cases, this exception will be resolved by the vendor providing call in and out information and/or adjusted times which will clear the exception.	ACK

41	Location Required	<p>Exception when:</p> <ul style="list-style-type: none"> -The task "Alternate Location" is selected -The phone number from which the call was made is not associated with the client -The visit contains both a manual in and out call -The visit contains an adjusted call-in and/or adjusted call out and does not contain a call-in or call-out <p>Exception must be fixed with Reason Codes 15 or 16 (see Appendix 3 Reason Codes) and accompanied with a Reason Note (text) that includes the location of the client (e.g. 123 Main Street Denver, CO 80203)</p>	FIX
----	-------------------	--	-----

41	Location Required	<p>Exception when:</p> <ul style="list-style-type: none"> -The task "Alternate Location" is selected -The phone number from which the call was made is not associated with the client -The visit contains both a manual in and out call -The visit contains an adjusted call-in and/or adjusted call out and does not contain a call-in or call-out <p>Exception must be fixed with Reason Codes 15 or 16 (see Appendix 3 Reason Codes) and accompanied with a Reason Note (text) that includes the location of the client (e.g. 123 Main Street Denver, CO 80203)</p>
----	-------------------	--

5 Time Zones

Text Value	Daylight Saving
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
Canada/Atlantic	Active
Canada/Central	Active
Canada/East-Saskatchewan	Inactive

Text Value	Daylight Saving
Canada/Eastern	Active
Canada/Mountain	Active
Canada/Newfoundland	Active
Canada/Pacific	Active
Canada/Saskatchewan	Active
Canada/Yukon	Active
America/Puerto_Rico	Inactive

6 Tasks

Task ID	Description
1000	Alternate Location

7 Abbreviations

Abbreviation	Name
ANI	Automatic Number Identification
BYOD	Bring Your Own Device
CDASS	Consumer Directed Attendant Support 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 dXNlckBleGFtcGxlMnVbTpzZWNyZXQ=

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 determine 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": "111111111",  
"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": "Theresultfor theinputUUIDisnotreadyyet. Please tryagain.", "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 regularexpression ['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": "11111111",  
  
"EmployeePosition": "RN", "ErrorCode": "-  
709",  
  
"ErrorMessage": "Version number is duplicated or older than current"  
}  
]  
}
```