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New York State Medicaid Management Information System (MMIS)

EVV Submitter

EP6720 - EVV Data Aggregator

Interface Control Document (ICD):

Electronic Visit Verification (EVV) Data API

Version 1.4

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1. Purpose of Interface Control

The Electronic Medicaid of New York (eMedNY) Project Interface Control Document (ICD) defines the eMedNY system's Electronic Visit Verification (EVV) interface with EVV Submitters. EVV Submitters are entities that will use the interface described in this document to share information on electronically verified in-home visits on behalf of a New York State Medicaid provider, and may consist of EVV Vendors, Providers, and Managed Care Organizations (MCO). The ICD communicates all inputs and outputs from eMedNY for all potential actions. Its intended audience is project managers, project teams, development teams, and stakeholders interested in submitting data to eMedNY using this interface.

2. Introduction

eMedNY is the New York State (NYS) Medicaid program claims processing system. The system allows NYS Medicaid providers to submit claims and receive payments for Medicaid-covered services provided to eligible clients.

This Interface Control Document (ICD) describes the relationship between eMedNY and EVV Submitters and specifies the requirements of both participating systems. This includes the concept of operations, the file structure and protocols that govern the interchange of data, and the communication paths along which the data is expected to flow.

Version 1.4 of this ICD that is published on the eMedNY website is the current and official version of the interface. Other versions in development represent proposed changes until fully approved.

In this document, the following information will be provided:

- A general description of the interface
- Assumptions where appropriate
- A description of the data exchange format and protocol for exchange
- Estimated size and frequency of data exchange

3. Overview

The EVV interface will enable providers to easily and securely transmit EVV data to eMedNY which will be sent to the Medicaid Data Warehouse (MDW) for analysis. Collecting and aggregating this EVV data is a necessary step for New York state to achieve compliance with the 21st Century Cures Act (the Cures Act) and avoid Federal Medical Assistance Percentages (FMAP) penalties. Ultimately, the data stored will be mapped to claims and encounters which will provide new fraud, waste, and abuse detection capabilities.

4. Assumptions/Constraints/Risks

4.1 Assumptions

- None

4.2 Constraints

- eMedNY's web service is Internet facing.
- No coding changes that interrupts connectivity between the two systems may be performed on this interface without NYSDOH approval.
- All web service request/response activity must be logged, correlated and reviewed to ensure compliance with New York State (NYS) auditing practices.
- ICD will be reviewed and updated based on enhancements or maintenance activities and will be posted to the eMedNY website.

4.3 Risks

- None

5. General Interface Requirements

5.1 Interface Overview

The eMedNY EVV Interface is an internet facing Representational State Transfer (REST) Application Programming Interface (API). The primary end user of this interface will be the EVV Submitters. EVV Submitters may include EVV Vendors, Providers, and Managed Care Organizations. The service will allow the EVV Submitters to submit specific electronic visit verification data for Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

The EVV interface is built leveraging REST design patterns, utilizing JSON as the information exchange structures.

5.2 Functional Allocation

EVV submitters will initiate a service request in an on-demand manner as part of their normal course of operations. The EVV service is designed to support the collection of electronic visit verification data for Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

5.3 Data Transfer

EVV Submitters will initiate a service request over a secure Hyper Text Transfer Protocol (HTTPS) connection to an eMedNY hosted RESTful API. All information will be transferred between both the parties as JSON documents or HTTP Uniform Resource Identifiers (URIs) using REST Design best practices.

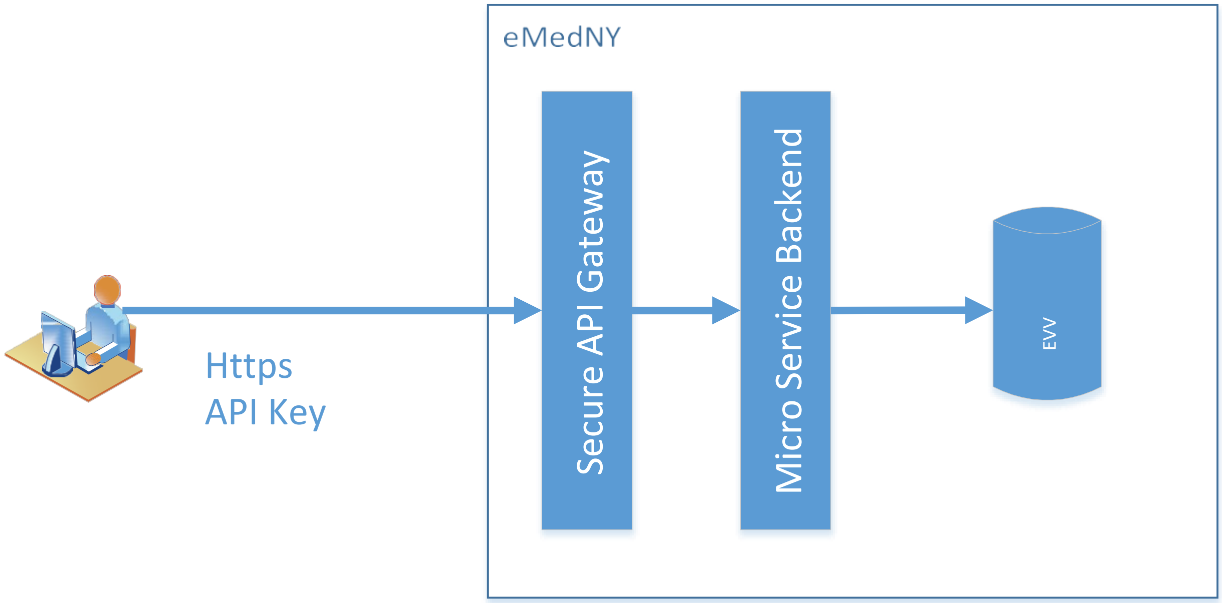

Figure 1 – Data Transfer Diagram

5.4 Transactions

The eMedNY EVV Service exposes a single REST HTTPS endpoint for EVV Submitters to send member specific details for Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

If the EVV Data (service payload) do not pass validation, the records will be rejected with appropriate reason code. **Rejected records should be reviewed for accuracy by the EVV Submitter**. Corrected EVV records can be resubmitted via batch or individual submission method.

- Submitters will be able to submit multiple EVV records per submission.
- An EVV Submitter acting as an EVV proxy (Managed Care Organization, Verification Organization, Aggregator, Vendor, etc.) will be able to submit for multiple providers which can include multiple EVV records per provider per submission.
- Error handling will be able to accept successful rows and reject only bad rows (with an appropriate reject reason).
- The service will identify previously accepted records and reject duplicated data with an appropriate reject reason.

Use Case	HTTP Operation	URI Path	Request Payload	Request Response	Comments
Batch Request Submission	POST	/claims/submitter/{submitterId}/evv	payload	error[]	This can be used for submitting one or many transactions
Individual Submission	PUT	/claims/submitter/{submitterId}/evv/{transactionId}	visit	error[]	Can be used for submitting only one transaction
Update	PUT	/claims/submitter/{submitterId}/evv/{transactionId}	visit	error[]	Can also be used for updating the transaction Note: Updates to a previously accepted transaction will overwrite the previous record and may be subject to restrictions.
Delete	DELETE	/claims/submitter/{submitterId}/evv/{transactionId}	visit	error[]	This can be used to delete a transaction
Get	GET	/claims/submitter/{submitterId}/evv/{transactionId}	visit	error[]	This can be used to retrieve a transaction

5.5 Security and Integrity

The EVV interface will contain both Protected Health Information (PHI) and Personally Identifiable Information (PII). The security approach for this interface will fall into two areas of concern: encryption, and authentication and authorization.

The EVV Service will utilize HTTPS with Security Socket Layer (SSL) encryption and the Transport Layer Security (TLS) version 1.2.

The EVV Service will leverage API Key for authentication and authorization to enforce identity verification and service authorization. The provider will be able to obtain the API Key from the API Developer Portal (Accessed using the eMedNY Web Portal ID and password).

Security and data Validation checks will be performed on the EVV web service requests in this interface. When issues with this interface are discovered that prevent data exchange, EVV Submitters will be notified immediately by eMedNY operations team.

5.6 Operational Support & Service Levels

This section discusses the Operational Level expectations of the interface regarding availability, performance, and scale. Interfaces do not inherit eMedNY's "continuously available" SLA's unless specifically mentioned in the section below.

5.6.1 Service Level Agreements (SLA)

This interface does not have any Service Level Agreements.

5.6.2 Operational Expectations

5.6.2.1 Usage Policy

This interface is designed to meet the use cases as mentioned in the sections above. Extending the usage of interfaces beyond the original intent requires the approval of NYSDOH and GDIT.

The interface user/consumer might be disabled if their usage pattern presents security risks or operational expectations are not met.

5.6.2.2 Availability & Performance

Below is the general guidance on the operational levels on this SLA. These are delivered on a best efforts basis.

- 99.98 with the exception of planned outages
- Average response is < 10 seconds/transaction excluding bulk record submission
- Maximum number of concurrent connections/API client is 5; more than 5 concurrent threads will be throttled

5.6.2.3 Support

- If you face issues with the interface in the production or non production environments, contact the eMedNY Call Center at (800) 343-9000.

6. Detailed Interface Requirements

This section refers and/or describes details for the EVV interface. This ICD defines the conditions under which the EVV interface is to be leveraged.

6.1 Requirements for Electronic Visit Verification (EVV) Data API

The EVV interface supports the need for EVV Submitters to submit Electronic Visit Verification data for Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

The eMedNY program exposes the EVV service for the sole purpose of meeting the New York State Department of Health (DOH) requirement under the 21st Century Cures Act (the Cures Act), mandating that states implement Electronic Visit Verification (EVV) for all Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

- The API consumers (EVV Submitters) and API provider (eMedNY API Platform) are expected to adhere to REST best practices in API access and operations.
- REST Enabled Client with the ability to consume and produce `Content-Type: application/json`
- API Consumers should be able to produce JSON payloads that meet the service specification (Refer to Open API Specification document).
- API Consumers should accurately use the appropriate URI patterns recommended for each transaction along with HTTP verb.

If you are already enrolled in eMedNY, you may sign up for an eMedNY Web Portal account at

https://portal.emedny.org

Your eMedNY Web Portal account credentials can be used to access the following eMedNY API Developer Portal:

Production API Developer Portal: https://developer.emedny.io

Test API Developer Portal: https://developer.emednytest.io

The following URL's will be used as the base URI for the eMedNY EVV web service for production and test environments:

Production: https://api.emedny.io

Test: https://api.emednytest.io

6.1.1 General Processing Steps

EVV Submitters can invoke the EVV service as needed to submit electronic visit verification data for Medicaid personal care services (PCS) and home health care services (HHCS) that require an in-home visit by a provider.

6.1.2 Interface Processing Time Requirements

Electronic Visit Verification (EVV) Data API offers services on a “Best Effort” basis. There is no guarantee on availability or performance but every reasonable effort would be taken to provide a highly available and responsive service.

On average service is expected to respond within 10 seconds excluding bulk record submission.

A maximum on 5 concurrent calls/second is allowed / consumer. API Access will be revoked or temporarily denied if service policies are violated.

6.1.3 File Naming Convention

N/A

6.1.4 Message Format (or Record Layout) and Required Protocols

API Message format is documented and managed through an Open API Specification and method to model and document REST API. Message interchange format is JSON. Both inbound and outbound message format should comply with the object model provided in the Open API Specification document. See Appendix G.

6.1.4.1 HTTP Protocol

The Electronic Visit Verification (EVV) Data service will expose its endpoints over secure HTTP (HTTPS). The service will leverage HTTP status codes to inform the consumer of the response being returned.

At no point will the service be executed by EVV Submitters over an insecure protocol.

6.1.4.1.1 HTTP Response Status Codes

The Electronic Visit Verification (EVV) Data API adheres to REST design principles in that the service will return an HTTP response status code which provides clients of their request’s overarching result. At a high level the following series of status codes can be categorized as follows:

- 2xx: Success – Indicates that the client’s request was accepted successfully
- 4xx: Client Error – Indicates that the client must take some additional action in order to complete their request.
- 5xx: Server Error – Indicates that the server takes responsibility for these error status codes

Generally speaking, client error codes in the 4xx range are a result of an error on the client side and will require that the client, in this case EVV Submitters, take an action to resolve the returned error. Whereas 5xx range status codes require that the service, in this case eMedNY, must take an action to resolve the error.

The following are the HTTP Response Status Codes which will be returned by the service and their associated meaning. With each Response Status Code, a specific response data structure will be returned, data structures will be addressed in the next section of this document.

6.1.4.1.1.1 Summary of HTTP Response Status Codes

HTTP STATUS CODE		DESCRIPTION	EXAMPLE SCENARIOS
200	Success	OK	Standard response for successful HTTP requests.

201		Created	The request has been fulfilled and resulted in a new resource being created.
204		No Content	The server has successfully fulfilled the request and that there is no additional content to send in the response payload body.
206		Partial Content	The server is successfully fulfilling a range request for the target resource by transferring one or more parts of the selected representation that correspond to the satisfiable ranges found in the request's Range header field.
400	Client Error	Bad Request	The request cannot be fulfilled due to bad syntax. The message requested did not adhere to the structure defined inside the Open API Specification.
401		Unauthorized	The service has denied your request due to a failure in authentication. Review your security credentials to ensure they are accurate.
403		Forbidden	The service has denied your request due to the client not having the proper authorization to invoke the service. Unlike a 401, a retry will not resolve the issue. Contact eMedNY operations support to grant permission for the client to access the service.
404		Not Found	The requested resource could not be found but may be available again in the future. Subsequent requests by the client are permissible.
500	Server Error	Internal Server Error	An error occurred within the application and the application could not process the requests. This error implies an issue with the service and not with the client or the data which was passed to the service by the client. This error implies that the request can be tried again once the service issues have been resolved.

6.1.4.2 Data Assembly Characteristics

The EVV Service defines a single endpoint for consumption. As this service is a REST service, the interface is governed by an Open API Specification. This specification defines the input and output behaviors of the service including: endpoint mappings, request data types, and response detail like: each http response code and the associated response data type. Attached in Appendix G you will find the Open API Specification which describes the EVV service.

The next sections will discuss the details of the request and response data structures.

Table 1 – EVV Request Data Model Table

Property	Type	Data Element Number	Length	Format	Required	Description/Validation
Visit Object						
transactionId	string		Min: 1 Max: 150		Yes	Unique transaction ID per visit generated by the EVV system when the EVV record is generated. Transaction ID must not be generated outside the EVV system including during submission. The recommendation would be to use a UUID/GUID Compliant ID if available.
memberId	string		8		Yes	Medicaid Id for the recipient receiving the service. A unique identifier assigned to each Medicaid Member by the Welfare Management System (WMS) or NYSoH. It serves to identify the medical data pertaining to the individual as the unique permanent identifier. Must pass Client ID Check Digit. Client ID must exist on eMedNY.
dateOfBirth	date-only			YYYY-MM-DD	Yes	Date of Birth of the recipient receiving the service. Cannot be greater than the current date (future date). Must match the date of birth on eMedNY.
providerName	string		Max: 35		No	Provider Name is the name of a provider of Medicaid services as used on official State records. Provider Name should match the name used on Medicaid claims and encounters. This represents the name of the Billing Provider.
nationalProviderId	string		10		Situational	National Provider Identifier (NPI) is the nationally recognized provider identifier assigned by the Center for Medicare & Medicaid Services (CMS).

Property	Type	Data Element Number	Length	Format	Required	Description/Validation
						The NPI, if populated, should match what is on the claim or encounter that corresponds to the service. Required if MMIS Identifier is not present. Must Pass NPI Billing Check Digit. When NPI and Provider ID are both present, they must be a valid combination in eMedNY. This represents the NPI of the Billing Provider.
providerId	string		8		Situational	MMIS Identifier is a unique number generated by the eMedNY system and assigned to each provider enrolled to provide services to Members of the Medicaid program. This number is the primary method of identifying a provider. The MMIS ID, if populated, should match what is on the claim or encounter that corresponds to the service. Required if National Provider Identifier (NPI) is not present. Must pass MMIS Billing Check Digit. Must be active on Date of Service. When NPI and Provider ID are both present, they must be a valid combination in eMedNY. This represents the MMIS ID of the Billing Provider.
taxPayerId	string		9		Yes	Federal Employer Identification Number (FEIN). This represents the TaxPayer ID of the Billing Provider.
providerAddress	Address				No	Providers most current street address, city, state and zip code. This represents the address of the Billing Provider.

Property	Type	Data Element Number	Length	Format	Required	Description/Validation
providerRateCode	string		4		Situational	Rate Code specifies a medical service or product that utilizes a rate reimbursement technique processed by the eMedNY system. All Institutional claims are paid by rate code and they include: Clinic, Managed Care, Inpatient, ICF/DD, Child Care, Home Health and Nursing Home claims. Required if Procedure Code is not present. Must be a valid rate code. Applicable billing codes can be found at https://www.health.ny.gov/health_care/medicaid/redesign/evv/repository/app_billing_codes.htm
procedureCode	string		Min: 5 Max: 5		Situational	Procedure Code for the service rendered to the recipient by the provider. Required if Rate Code is not present. Must be a valid (HCPCS) procedure code. Applicable billing codes can be found at https://www.health.ny.gov/health_care/medicaid/redesign/evv/repository/app_billing_codes.htm
procedureModCode	array		2		No	Two character number modifying the procedure code for the service rendered to the recipient by the provider. Must be a valid modifier, up to 4 occurrences.
serviceStartDateTime	datetime-only			YYYY-MM-DDThh:mm:ss	Yes	Begin date/time of the service received by the recipient. Must be a valid date/time. Cannot be greater than the current date (future date). Timestamp is EST.
serviceEndDateTime	datetime-only			YYYY-MM-DDThh:mm:ss	Yes	End date/time of the service received by the recipient. Must be a valid date/time.

Property	Type	Data Element Number	Length	Format	Required	Description/Validation
						Must be greater than Begin date/time. Cannot be greater than the current date (future date). Timestamp is EST.
serviceStartLocation	string		Min: 4 Max: 9		Yes	Service start location describes the place where the visit began at the service start time. (Home, Community) Must be a valid service start location.
serviceEndLocation	string		Min: 4 Max: 9		Yes	Service end location describes the place where the visit concluded at the service end time. (Home, Community) Must be a valid service end location.
serviceProviderFirstName	string		Min: 1 Max: 35		Yes	First name of the servicing worker. This should match employment records maintained by the billing provider. This represents the first name of the caregiver providing the service.
serviceProviderLastName	string		Min: 1 Max: 60		Yes	Last name of the servicing worker. This should match employment records maintained by the billing provider. This represents the last name of the caregiver providing the service.
serviceProviderPhoneNumber	string		10	9999999999	No	Phone number of the servicing worker. This represents the phone number of the caregiver providing the service.
caregiverId	string		Min: 1 Max: 128		Yes	The Caregiver ID is the ID used to uniquely identify the person providing the service within the Provider's EVV System and/or solution.
Address Object						
address1	string		Max: 40		Yes	Building Number or Street Line 1
address2	string		Max: 40		No	Building Number or Street Line 2
city	string		Max: 25		Yes	City

Property	Type	Data Element Number	Length	Format	Required	Description/Validation
state	string		Max: 2		Yes	State
zip	string		Min: 5 Max:9	99999 or 999999999	Yes	Zip Code
Submitter ID						
submitterId	string		8		Yes	The organization submitting the EVV transactions on behalf of the Provider. The Submitter ID will be in the URI and is not required as a payload, since it will be same for a given submitter. This is also in line with the REST Design and allows us to apply security rules based on the submitter.

6.1.4.2.1.1 Error Data Models

In the event that the EVV service encounters an error the service will respond with an error message. The error message along with the HTTP Response Status Code will provide EVV Submitters with detail related to the issue encountered.

Table 2 – Error Data Model Table

Object	Property	Data Element Number	Length	Format	Required	Description
Error						A simple message returned from the service upon encountering an error.
	transactionId				Yes	Unique transaction ID used by the EVV vendor to submit the transaction.
	code				Yes	Error Code
	message				Yes	Error Message

Table 3 – Error Data Model Table (Provider Attestation)

Object	Property	Data Element Number	Length	Format	Required	Description
Error						A simple message returned from the service upon encountering an error. This applies only when the Provider Attestation is missing or expired, and does not prevent the request from being accepted as long as all other validations are passed.
	providerId or nationalProviderId				Yes	Provider Identifier or National Provider Identifier (NPI) used by the EVV vendor to submit the transaction. When both the Provider ID and National Provider Identifier (NPI) are used by the EVV vendor to submit the transaction, the Provider Identifier will be returned.
	code				Yes	Error Code
	message				Yes	Error Message

6.1.4.3 HTTP Response Status Code to Data Type Mapping

In this section we will describe each of the possible data types and conditions where they will be returned based on the HTTP Response Status Code. The table provided will map the status code to the name of the data element, both defined in the above sections of the document.

Table 4 − HTTP Response Status Code to Data Type Mapping Table

(Refer to the Electronic Visit Verification Technical User Guide for field validation error messages)

HTTP Response Status Code	Data Model	Condition
200	Response	The service will return a 200 so long as a technical error is not encountered.
201	Response	The request has been fulfilled and resulted in a new resource being created.
204	Response	The server has successfully fulfilled the request and that there is no additional content to send in the response payload body.
206	Response	The server is successfully fulfilling a range request for the target resource by transferring one or more parts of the selected representation that correspond to the satisfiable ranges found in the request’s Range header field.
400	Error	Appropriate message will be returned
401	Error	Appropriate message will be returned
403	Error	Appropriate message will be returned
404	Error	Appropriate message will be returned
500	Error	Appropriate message will be returned

6.1.5 Communication Methods

The Electronic Visit Verification (EVV) Data API service will be exposed as a RESTful secure HTTP (HTTPS) web service for the EVV Submitter system to consume. The service will leverage the HTTP Methods POST, PUT, DELETE, and GET.

6.1.5.1 Interface Initiation

Interface can be invoked by issuing a REST API Call.

6.1.5.2 Flow Control

eMedNY will notify EVV Submitters should the Electronic Visit Verification (EVV) Data API service be unavailable or any access issues are encountered.

6.1.6 Security Requirements

1) API Key
    a. The HTTP request should have the following key value in the header
        i. api_key = API_KEY issued by eMedNY API Gateway
2) All communications with eMedNY should be on TLS 1.2

7. Qualification Methods

Qualification methods to be used to verify that the requirements for the interfaces defined in Section 6 “*Detailed Interface Requirements*” have been met include:

- During Construction Phase, unit test packages are created with visual examination and approval of test results.
- During System Integration Phase, test packages are created with visual examination and approval of test results. Test results are then presented to NYSDOH for their sign-off.
- During Quality Assurance Phase, automated scripts are executed to determine results are as expected.
- Post Implementation Validate is performed after a project is moved into Production where visual examination of file processing is reviewed for accuracy.

Appendix A – Record of Changes

Table 5 – Record of Changes

Version Number	Date	Author/Owner	Description of Change
0	4/1/2020	Cyd Hoen-Shears/GDIT	Initial
1.1	7/13/2020	Cyd Hoen-Shears/GDIT	Removal of serviceAddress in lieu of serviceStartLocation and serviceEndLocation. Added sample transactions. Removal of eVistEdited field
1.2	8/4/2020	Cyd Hoen-Shears/GDIT	Clarification of fields related to serviceStartDateTime and serviceEndDateTime to indicate Timestamp is EST
1.3	9/3/2020	Cyd Hoen-Shears/GDIT	Removal of serviceProviderSSN and service ProviderTaxPayerId in lieu of caregiverId. Clarification of fields related to Billing Provider and Servicing Provider
1.4	10/1/2020	Cyd Hoen-Shears/GDIT	Addition of Error Data Model for Provider Attestation. Removal of eVisitMethod. Change/addition of address1 and address2

Appendix B – Acronyms

Table 6 – Acronyms

Acronym	Literal Translation
API	Application Programming Interface
BDD	Business Design Document
eMedNY	Electronic Medicaid of New York
EVV	Electronic Visit Verification
FMAP	Federal Medical Assistance Percentages
GDIT	General Dynamics Information Technology
HHCS	Home Health Care Services
HTTPS	Hyper Text Transfer Protocol Secure
ICD	Interface Control Document
JSON	JavaScript Object Notation
MCO	Managed Care Organization
MDW	Medicaid Data Warehouse
NYS	New York State
NYSDOH	New York State Department of Health
PCS	Personal Care Services
PHI	Protected Health Information
PII	Personally Identifiable Information
REST	Representational State Transfer
SIT	Systems Integration Testing
SLA	Service Level Agreements
SSL/TSL	Secure Sockets Layer/Transport Layer Security
URL/URI	Uniform Resource Locator/Uniform Resource Identifier
VO	Verification Organization

Appendix C – Glossary

Table 7 – Glossary

Term	Acronym	Definition
<Term>	<Acronym>	<Definition>
<Term>	<Acronym>	<Definition>
<Term>	<Acronym>	<Definition>
<Term>	<Acronym>	<Definition>
<Term>	<Acronym>	<Definition>

Appendix D – Referenced Documents

Table 8 – Referenced Documents

Document Name	Document Location and/or URL	Issuance Date

Appendix E – Approvals

The undersigned acknowledge that they have reviewed the ICD and agree with the information presented within this document. Changes to this ICD will be coordinated with, and approved by, the undersigned, or their designated representatives.

Table 9 – Approvals

Document Approved By	Date Approved
Name: Patric Dempster, CISO and Privacy Officer - GDIT	Date
Name: <Name>, <Job Title> - <Company>	Date
Name: <Name>, <Job Title> - <Company>	Date
Name: <Name>, <Job Title> - <Company>	Date

Appendix F – Contact Information

Table 10 – Contact Information

Entity	Contact Description/Name	Phone	Email Address
GDIT	eMedNY Call Center	800-343-9000	emednyproviderservices@gdit.com

Appendix G – Additional Appendices

Open API Specification

```
{
    "openapi": "3.0.0",
    "info": {
        "title": "Electronic Visit Verification API",
        "version": "1.0",
        "description": "This service will allow Healthcare Providers,Issuers
and Vendors to upload the Electronic Visit Verification information to eMedNY
to comply with 21st Century Cures Act .",
        "termsOfService": "http://developer.emedny.io/portal/terms",
        "contact": {
            "name": "API Support",
            "url": "https://www.emedny.org/contacts/emedny.aspx",
            "email": "api-support@emedny.org"
        }
    },
    "tags": [{
            "name": "New EVV Record",
            "description": "Create a new EVV Record, will overwrite existing
records with the same transaction-id and submitter id "
        }, {
            "name": "Batch Load EVV Records",
            "description": "Batch Electronic Visit Verification Entry, Batch
size limited to 100 per Call"
        }, {
            "name": "Delete an EVV Record",
            "description": "Delete an existing EVV Record"
        }, {
            "name": "Retrieve EVV Record",
            "description": "Get and existing EVV Record using the transaction
Id"
        }
    ],
    "servers": [{
            "description": "Test environment",
            "url": "https://api.emednytest.io/emedny"
        }
    ],
    "paths": {
        "/claims/submitter/{submitterId}/evv": {
            "post": {
                "tags": ["Batch Load EVV Records"],
                "responses": {
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                    },
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                    },
                    "required": true
                },
                "security": [{
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                    "in": "path",
                    "required": true,
                    "schema": {
                        "type": "string"
                    }
                }
            ]
        },
        "/claims/submitter/{submitterId}/evv/{transactionId}": {
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                "tags": ["Retrieve EVV Record"],
                "responses": {
                    "200": {
                        "description": "OK",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/visit"
                                }
                            }
                        }
                    },
                    "400": {
                        "description": "Bad Request",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "401": {
                        "description": "Unauthorized",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "403": {
                        "description": "Forbidden",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "404": {
                        "description": "Not Found",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "500": {
                        "description": "Internal Server Error"
                    }
                },
                "description": "Retrieve",
                "operationId": "GET_claims-submitter-submitterId-evv-
transactionId",
                "security": [{
                        "api_key": []
                    }
                ]
            },
            "delete": {
                "tags": ["Delete an EVV Record"],
                "responses": {
                    "204": {
                        "description": "No Content"
                    },
                    "400": {
                        "description": "Bad Request",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "401": {
                        "description": "Unauthorized",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
},
```

```
                            }
                        }
                    },
                    "403": {
                        "description": "Forbidden",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "404": {
                        "description": "Not Found",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "500": {
                        "description": "Internal Server Error"
                    }
                },
                "operationId": "DELETE_claims-submitter-submitterId-evv-
transactionId",
                "security": [{
                        "api_key": []
                    }
                ]
            },
            "put": {
                "tags": ["New EVV Record"],
                "responses": {
                    "200": {
                        "description": "OK"
                    },
                    "201": {
                        "description": "Created"
                    },
                    "400": {
                        "description": "Bad Request",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "401": {
                        "description": "Unauthorized",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "403": {
                        "description": "Forbidden",
                        "content": {
                            "application/json": {
                                "schema": {
                                    "$ref": "#/components/schemas/error"
                                }
                            }
                        }
                    },
                    "500": {
                        "description": "Internal Server Error"
                    }
                },
                "operationId": "PUT_claims-submitter-submitterId-evv-
transactionId",
                "requestBody": {
                    "content": {
                        "application/json": {
                            "schema": {
                                "$ref": "#/components/schemas/visit"
                            }
                        }
                    },
                    "required": true
                },
                "security": [{
                        "api_key": []
                    }
                ]
            },
            "parameters": [{
                    "name": "submitterId",
                    "in": "path",
                    "required": true,
                    "schema": {
                        "type": "string"
                    }
                }, {
                    "name": "transactionId",
                    "in": "path",
                    "required": true,
                    "schema": {
                        "type": "string"
                    }
                }
            ]
        }
    },
    "components": {
        "schemas": {
            "visit": {
                "example": {
                    "transactionId": "8ec389ea-dcf6-4584-85ef-8a06a8653ef2",
                    "memberId": "123456AB",
                    "dateOfBirth": "2015-05-23",
                    "providerName": "Upstate Hostpital LLC.",
                    "nationalProviderId": "1234567890",
                    "providerId": "12345678",
                    "taxPayerId": "123456789",
                    "providerAddress": {
                        "address1": "Uptown St1",
                        "address2": "Uptown St2",
                        "city": "Albany",
                        "state": "NY",
                        "zip": "12204"
                    },
                    "providerRateCode": "1234",
                    "procedureCode": "A1234",
                    "procedureModCode": ["AB", "CD", "EF", "GH"],
                    "serviceStartDateTime": "2015-07-04T08:00:01",
                    "serviceEndDateTime": "2015-07-04T09:00:00",
                    "serviceStartLocation": "Home",
                    "serviceEndLocation": "Community",
                    "serviceProviderFirstName": "George",
                    "serviceProviderLastName": "Washington",
                    "serviceProviderPhoneNumber": "7879849883",
                    "caregiverId": "123456789"
                },
                "type": "object",
                "properties": {
                    "transactionId": {
                        "minLength": 1,
                        "maxLength": 150,
                        "description": "Unique transaction id used by the EVV
vendor. 1) This ID Must be unique within a submitter 2) Could be used to
track back to the submitter's source for audit control 3) we recommed using a
UUID Or GUID Complaint ID if available.",
                        "type": "string"
                    },
                    "memberId": {
                        "minLength": 8,
                        "maxLength": 8,
                        "description": "Medicaid Id for the recipient
receiving the service.",
                        "type": "string"
                    },
                    "dateOfBirth": {
                        "description": "Date of Birth of the recipient
receiving the service",
                        "type": "string",
                        "format": "date"
                    },
                    "providerName": {
                        "minLength": 1,
                        "maxLength": 35,
                        "description": "Provider Name is the name of a
provider of Medicaid services as used on official State records",
                        "type": "string"
                    },
                    "nationalProviderId": {
                        "minLength": 10,
                        "maxLength": 10,
                        "description": "National Provider Identifier (NPI) is
the nationally recognized provider identifier assigned by the Center for
Medicare & Medicaid Services (CMS).",
                        "type": "string"
                    },
                    "providerId": {
                        "minLength": 8,
                        "maxLength": 8,
                        "description": "MMIS Identifier is a unique number
generated by the eMedNY system and assigned to each provider enrolled to
provide services to Members of the Medicaid program. This number is the
primary method of identifying a provider.",
                        "type": "string"
                    },
                    "taxPayerId": {
                        "description": "Tax Identifier of the provider or
Federal Employer Identification Number (FEIN). format:#########",
                        "type": "string"
                    },
                    "providerAddress": {
                        "description": "Providers most current address",
                        "$ref": "#/components/schemas/address"
                    },
                    "providerRateCode": {
                        "minLength": 4,
                        "maxLength": 4,
                        "description": "Rate Code specifies a medical service
or product that utilizes a rate reimbursement technique processed by the
eMedNY system. All Institutional claims are paid by rate code and they
include Clinic, Managed Care, Inpatient, ICF/DD, Child Care, Home Health and
Nursing Home claims.",
                        "type": "string"
                    },
                    "procedureCode": {
                        "minLength": 5,
                        "maxLength": 5,
                        "description": "Procedure Code for the service
rendered to the recipient by the provider",
                        "type": "string"
                    },
                    "procedureModCode": {
                        "description": "Array of Two character string
modifying the procedure code for the service rendered to the recipient by the
provider",
                        "type": "array",
                        "items": {
                            "type": "string"
                        }
                    },
                    "serviceStartDateTime": {
                        "description": "Begin date timestamp of the recipient
receiving the service.",
                        "type": "string"
                    },
                    "serviceEndDateTime": {
                        "description": "End date timestamp of the recipient
receiving the service.",
                        "type": "string"
                    },
                    "serviceStartLocation": {
                        "minLength": 4,
                        "maxLength": 9,
                        "description": "Service start location describes the
place where the visit began at clock-in (Home or Community).",
                        "enum": ["Home", "Community"],
                        "type": "string"
                    },
                    "serviceEndLocation": {
                        "minLength": 4,
                        "maxLength": 9,
                        "description": "Service end location describes the
place where the visit concluded at clock-out (Home or Community).",
                        "enum": ["Home", "Community"],
                        "type": "string"
                    },
                    "serviceProviderFirstName": {
                        "minLength": 1,
                        "maxLength": 35,
                        "description": "First name of the servicing worker",
                        "type": "string"
                    },
                    "serviceProviderLastName": {
                        "minLength": 1,
                        "maxLength": 60,
                        "description": "Last name of the servicing worker",
                        "type": "string"
                    },
                    "serviceProviderPhoneNumber": {
                        "description": "Phone Number of the service worker.
format:##########",
                        "type": "string"
                    },
                    "caregiverId": {
                                  "minLength": 1,
                        "maxLength": 128,
                        "description": "The Caregiver ID is the ID used to
uniquely identify the person providing the service within the Provider’s EVV
System and/or solution. format:#########",
                        "type": "string"
                    }
                },
                "required": ["transactionId", "memberId", "dateOfBirth",
"taxPayerId", "serviceStartDateTime", "serviceEndDateTime",
"serviceStartLocation", "serviceEndLocation", "serviceProviderFirstName",
"serviceProviderLastName"]
```

```
            },
            "payload": {
                "type": "object",
                "properties": {
                    "visits": {
                        "type": "array",
                        "items": {
                            "$ref": "#/components/schemas/visit"
                        }
                    }
                },
                "required": ["visits"]
            },
            "error": {
                "type": "object",
                "properties": {
                    "transactionId": {
                        "type": "string",
                        "description": "Unique transaction id used by the EVV
vendor to submit the transaction",
                        "example": "80b755d8-ee01-4bc7-b8a5-5e5b4cc6862c"
                    },
                    "error-details": {
                        "type": "array",
                        "items": {
                            "description": "Error detail",
                            "type": "object",
                            "properties": {
                                "code": {
                                    "type": "string",
                                    "description": "Error Code",
                                    "example": "A12345"
                                },
                                "message": {
                                    "type": "string",
                                    "description": "Error Messsage",
                                    "example": "Unable to process the
request"
                                }
                            }
                        }
                    }
                }
            },
            "address": {
                "type": "object",
                "properties": {
                    "address1": {
                        "description": "Building Number or Street Line-1",
                        "type": "string"
                    },
                    "address2": {
                        "description": "Building Number or Street Line-2",
                        "type": "string"
                    },
                    "city": {
                        "description": "City",
                        "type": "string"
                    },
                    "state": {
                        "description": "State",
                        "type": "string"
                    },
                    "zip": {
                        "description": "Zip Code",
                        "type": "string"
                    }
                },
                "required": ["address1", "city", "state", "zip"]
            }
        },
        "responses": {},
        "examples": {},
        "requestBodies": {},
        "headers": {},
        "securitySchemes": {
            "api_key": {
                "type": "apiKey",
                "name": "api_key",
                "in": "header"
            }
        },
        "links": {},
        "callbacks": {}
    }
}
```

Sample Transactions

POST Request – Batch

Use Case – I want to submit a batch EVV Entry

NOTE: There are only two sample records in this batch; both have a unique Transaction ID

https://api.emednytest.io/emedny/claims/submitter/23456789/evv

Base URI
Test: https://api.emednytest.io
Production: https://api.emedny.io

Submitter ID

Submitted Transaction ID

```
{
  "visits": [   {
  "transactionId": "8ec389ea-dcf6-4584-85ef-8a06a8653ef2",
  "memberId": "123456AB",
  "dateOfBirth": "2015-05-23",
  "providerName": "Upstate Hospital LLC.",
  "nationalProviderId": "1234567890",
  "providerId": "12345678",
  "taxPayerId": "123456789",
  "providerAddress": {
    "address1": "Uptown St",
    "address2": "Suite 100",
    "city": "Albany",
    "state": "NY",
    "zip": "12204"
  },
  "providerRateCode": "1234",
  "procedureCode": "A1234",
  "procedureModCode": [
    "AB",
    "CD",
    "EF",
    "GH"
  ],
  "serviceStartDateTime": "2015-07-04T12:00:00",
  "serviceEndDateTime": "2015-07-04T13:00:00",
  "serviceStartLocation": "Home",
  "serviceEndLocation": "Community",
  "serviceProviderFirstName": "George",
  "serviceProviderLastName": "Washington",
  "serviceProviderPhoneNumber": "7879849883",
  "caregiverId": "123456789"
  },
{
  "transactionId": "8ec389ea-dcf6-4584-85ef-9a06a8653gh3",
  "memberId": "123456CD",
  "dateOfBirth": "2010-06-23",
  "providerName": "Upstate Hospital LLC.",
  "nationalProviderId": "1234567890",
  "providerId": "12345678",
  "taxPayerId": "123456789",
  "providerAddress": {
    "address1": "Uptown St",
    "address2": "Suite 100",
    "city": "Albany",
    "state": "NY",
    "zip": "12204"
  },
  "providerRateCode": "1234",
  "procedureCode": "A2345",
  "procedureModCode": [
    "AB",
    "CD",
    "EF",
    "GH"
  ],
  "serviceStartDateTime": "2015-08-04T12:00:00",
  "serviceEndDateTime": "2015-08-04T13:00:00",
  "serviceStartLocation": "Home",
  "serviceEndLocation": "Community",
  "serviceProviderFirstName": "George",
  "serviceProviderLastName": "Washington",
  "serviceProviderPhoneNumber": "7879849883",
  "caregiverId": "123456789"
  }  ]
}
```

PUT Request – New Entry

Use Case – I want to submit a single EVV Entry

https://api.emednytest.io/emedny/claims/submitter/23456789/evv/8ec389ea-dcf6-4584-85ef-8a06a8655yz2

Base URI
Test: https://api.emednytest.io
Production: https://api.emedny.io

Submitter ID

Submitted Transaction ID

```
{
  "transactionId": "8ec389ea-dcf6-4584-85ef-8a06a8655yz2",
  "memberId": "123456GH",
  "dateOfBirth": "2001-04-23",
  "providerName": "Upstate Hostpital LLC.",
  "nationalProviderId": "1234567890",
  "providerId": "12345678",
  "taxPayerId": "123456789",
  "providerAddress": {
    "address1": "Uptown St",
    "address2": "Suite 100",
    "city": "Albany",
    "state": "NY",
    "zip": "12204"
  },
  "providerRateCode": "1234",
  "procedureCode": "A1234",
  "procedureModCode": [
    "AB",
    "CD",
    "EF",
    "GH"
  ],
  "serviceStartDateTime": "2015-07-04T08:00:01",
  "serviceEndDateTime": "2015-07-04T09:00:00",
  "serviceStartLocation": "Home",
  "serviceEndLocation": "Community",
  "serviceProviderFirstName": "George",
  "serviceProviderLastName": "Washington",
  "serviceProviderPhoneNumber": "7879849883",
  "caregiverId": "123456789"
  }
```

PUT Request – Update Existing Entry

Use Case – I want to submit an update to a single EVV Entry

NOTE: The previous PUT example was used, and the changed data is highlighted

https://api.emednytest.io/emedny/claims/submitter/23456789/evv/8ec389ea-dcf6-4584-85ef-8a06a8655yz2

Base URI
Test: https://api.emednytest.io
Production: https://api.emedny.io

Submitter ID

Submitted Transaction ID

```
{
  "transactionId": "8ec389ea-dcf6-4584-85ef-8a06a8655yz2",
  "memberId": "123456GH",
  "dateOfBirth": "2001-04-23",
  "providerName": "Upstate Hostpital LLC.",
  "nationalProviderId": "1234567890",
  "providerId": "12345678",
  "taxPayerId": "123456789",
  "providerAddress": {
    "address1": "Uptown St",
    "address2": "Suite 100",
    "city": "Albany",
    "state": "NY",
    "zip": "12204"
  },
  "providerRateCode": "5678",
  "procedureCode": "A1234",
  "procedureModCode": [
    "AB",
    "CD",
    "EF",
    "GH"
  ],
  "serviceStartDateTime": "2015-07-04T08:00:01",
  "serviceEndDateTime": "2015-07-04T09:00:00",
  "serviceStartLocation": "Home",
  "serviceEndLocation": "Community",
  "serviceProviderFirstName": "George",
  "serviceProviderLastName": "Washington",
  "serviceProviderPhoneNumber": "7879849883",
"caregiverId": "123456789"
}
```

GET Request − Query

Use Case – I want to retrieve an EVV record from eMedNY

NOTE: The submitter ID and the transaction ID must match the record in eMedNY for this request.

https://api.emednytest.io/emedny/claims/submitter/23456789/evv/8ec389ea-dcf6-4584-85ef-8a06a8655yz2

Base URI
Test: https://api.emednytest.io
Production: https://api.emedny.io

Submitter ID

Submitted Transaction ID

DELETE Request

Use Case – I want to DELETE an EVV record from eMedNY

NOTE: The submitter ID and the transaction ID must match the record in eMedNY for this request.

https://api.emednytest.io/emedny/claims/submitter/23456789/evv/8ec389ea-dcf6-4584-85ef-8a06a8655yz2

Base URI
Test: https://api.emednytest.io
Production: https://api.emedny.io

Submitter ID

Submitted Transaction ID