Care Coordination (CC) Standard Episodes of Care (SEOC)

Software Version 1.0.04.1

API Manual

August 2018

Department of Veterans Affairs

Office of Information and Technology (OI&T)

Revision History

NOTE: The revision history cycle begins once changes or enhancements are requested after the document has been baselined.

Date	Revision	Description	Author
August 2018	0.2	Initial Draft – GMRC*3.0*108 v1.0.04.1	AbleVets
July 2018	0.1	Initial Draft – GMRC*3.0*103 v1.0.03	AbleVets

Table of Contents

1. Introduction

The Care Coordination (CC) Standardized Episodes of Care (SEOC) is a reference database for managing care bundles for use by Veterans Information Systems and Technology Architecture (VistA) and other Department of Veterans Affairs (VA) systems. Services are grouped together within the SEOC system into bundles so that clinicians can add these bundles to patients consult records in a standardized fashion, reducing the amount of time spent manually entering consult instructions, and providing uniformity among the patient records and across facilities for how patient care is prescribed for similar complaints.

These bundles group together one or more services that are preselected for different specialties to be added to the consult records. In addition, the clinician is provided with information regarding prescribing rules and preauthorization requirements, so they can make the most informed decisions regarding patient care.

Additionally, SEOC data will be accessible outside of the VistA/Computerized Patient Record System (CPRS) system so that users of downstream applications will be accessing the centralized data, and SEOC descriptions, reducing the chances of disconnects.

1.1. Purpose

This manual provides technical descriptions for accessing the SEOC Representational State Transfer (REST) Application Programming Interface (API).

From time to time improvements are made to the SEOC System. The latest information about SEOC, as well as the latest version of this manual, is posted on the SEOC Web Page.

1.2. Audience

Information in this manual is technical in nature and is intended to be used by Veterans Affairs Medical Center (VAMC) Information Resource Management Service (IRMS) staff members and Clinical Application Coordinators (CACs).

1.3. Overview of SEOC

The SEOC System provides an interface for downstream systems to access SEOCs from the SEOC database via a REST API. The SEOC record(s) will be returned to the calling application (such as the Clinician Toolbox) in JavaScript Object Notation (JSON) format.

2. Package Orientation

This manual provides technical descriptions of REST API calls available and a sample JSON message.

This manual should assist you in:

- Calling the available API calls.
- Developing parsing routines necessary to consume the JSON data returned by the API calls.

3. API Description

Method: GET --header 'Accept: application/json'

Table 1. Environments

Environment <env>	Description	Data Source
dev	Development server	Test data
sqa	SQA server	Test data
uat	UAT server	Prod data
	Production server	Prod data

Request URLs:

Base URL: https://<env>.seocapi.va.gov/v1.

Endpoints/Paths:

- **Get active and discontinued SEOCs:** /seoc
- **Get all SEOCs in the system (including drafts):** /seoc/all
- **Get active SEOCs:** /seoc/active
- **Get SEOC by Name:** /seoc/name/{name}
- **Get SEOC by ID:** /seoc/{id}

Request Headers:

```
{
  "Accept": "*/*"
}
```

Table 2. Response Messages (Errors)

HTTP Status Code	Reason	Response Model	Headers
200	OK	string	
400	Bad request		
401	Unauthorized		
404	Not Found		

HTTP Status Code	Reason	Response Model	Headers
500	Unexpected error		

Response Message (Success): 200 OK
Response Headers:

```
{
  "content-type": "application/json;charset=UTF-8",
  "content-length": "<length>",
  "date": "Tue, 10 Apr 2018 20:17:03 GMT",
  "": ""
}
```

4.   SEOC JSON Schema

```
{
  "$id": "http://example.com/example.json",
  "type": "object",
  "definitions": {},
  "$schema": "http://json-schema.org/draft-07/schema#",
  "properties": {
   "Seoc": {
     "$id": "/properties/Seoc",
     "type": "object",
     "properties": {
      "id": {
        "$id": "/properties/Seoc/properties/id",
        "type": "integer",
        "title": "The Id Schema ",
        "default": 0,
        "examples": [
          1
        ]
      },
      "seocKey": {
        "$id": "/properties/Seoc/properties/seocKey",
        "type": "integer",
        "title": "The Seockey Schema ",
        "default": 0,
        "examples": [
          1
        ]
      },
      "name": {
        "$id": "/properties/Seoc/properties/name",
        "type": "string",
        "title": "The Name Schema ",
        "default": "",
        "examples": [
          "Acupuncture Initial"
        ]
      },
      "seocId": {
        "$id": "/properties/Seoc/properties/seocId",
```

```
        "type": "string",
        "title": "The Seocid Schema ",
        "default": "",
        "examples": [
          "PMR_Acupuncture Initial_1.0.1"
        ]
      },
      "versionNumber": {
        "$id": "/properties/Seoc/properties/versionNumber",
        "type": "string",
        "title": "The Versionnumber Schema ",
        "default": "",
        "examples": [
          "1.0.1"
        ]
      },
      "description": {
        "$id": "/properties/Seoc/properties/description",
        "type": "string",
        "title": "The Description Schema ",
        "default": "",
        "examples": [
          "This authorization covers services associated with all medical care
 listed below for the referred condition indicated on the consult."
        ]
      },
      "effectiveDate": {
        "$id": "/properties/Seoc/properties/effectiveDate",
        "type": "string",
        "title": "The Effectivedate Schema ",
        "default": "",
        "examples": [
          "01-21-2017"
        ]
      },
      "endDate": {
        "$id": "/properties/Seoc/properties/endDate",
        "type": "null",
        "title": "The Enddate Schema ",
        "default": null,
        "examples": [
          null
        ]
      },
      "duration": {
        "$id": "/properties/Seoc/properties/duration",
        "type": "integer",
        "title": "The Duration Schema ",
        "default": 0,
        "examples": [
          90
        ]
      },
      "PAL": {
        "$id": "/properties/Seoc/properties/PAL",
        "type": "boolean",
        "title": "The Pal Schema ",
```

```
        "default": false,
        "examples": [
         false
        ]
      },
      "proceduralOverview": {
        "$id": "/properties/Seoc/properties/proceduralOverview",
        "type": "string",
        "title": "The Proceduraloverview Schema ",
        "default": "",
        "examples": [
         "1. Initial outpatient evaluation and treatment for the referred
condition indicated on the consult\r\n\r\n2. Nine (9) visits for acupuncture
therapy with or without electrical stimulation to include therapeutic
exercises, manual therapy and self-care instructions. Not to exceed two
visits per week.\r\n"
        ]
      },
      "maxAllowableVisits": {
        "$id": "/properties/Seoc/properties/maxAllowableVisits",
        "type": "integer",
        "title": "The Maxallowablevisits Schema ",
        "default": 0,
        "examples": [
         10
        ]
      },
      "disclaimer": {
        "$id": "/properties/Seoc/properties/disclaimer",
        "type": "string",
        "title": "The Disclaimer Schema ",
        "default": "",
        "examples": [
         "**Additional consultations needed relevant to the patient
complaint/condition require VA review and approval. \r\n**All routine
medications must be faxed/sent to the VA to be dispensed by the
VA.\r\nUrgent/emergent prescriptions can be provided for a 14-day supply
only.\r\nThe Veteran will be required to pay out of pocket for any
urgent/emergent medications and    can submit a reimbursement request to their
local VA facility."
        ]
      },
      "activatedTimestamp": {
        "$id": "/properties/Seoc/properties/activatedTimestamp",
        "type": "string",
        "title": "The Activatedtimestamp Schema ",
        "default": "",
        "examples": [
         "01-21-2017"
        ]
      },
      "activatedBy": {
        "$id": "/properties/Seoc/properties/activatedBy",
        "type": "string",
        "title": "The Activatedby Schema ",
        "default": "",
        "examples": [
```

```
            "System"
          ]
        },
        "discontinuedTimestamp": {
          "$id": "/properties/Seoc/properties/discontinuedTimestamp",
          "type": "null",
          "title": "The Discontinuedtimestamp Schema ",
          "default": null,
          "examples": [
            null
          ]
        },
        "discontinuedBy": {
          "$id": "/properties/Seoc/properties/discontinuedBy",
          "type": "null",
          "title": "The Discontinuedby Schema ",
          "default": null,
          "examples": [
            null
          ]
        },
        "status": {
          "$id": "/properties/Seoc/properties/status",
          "type": "string",
          "title": "The Status Schema ",
          "default": "",
          "examples": [
            "Active"
          ]
        },
        "QASP": {
          "$id": "/properties/Seoc/properties/QASP",
          "type": "string",
          "title": "The Qasp Schema ",
          "default": "",
          "examples": [
            "General Care"
          ]
        },
        "categoryOfCare": {
          "$id": "/properties/Seoc/properties/categoryOfCare",
          "type": "string",
          "title": "The Categoryofcare Schema ",
          "default": "",
          "examples": [
            "ACUPUNCTURE"
          ]
        },
        "serviceLine": {
          "$id": "/properties/Seoc/properties/serviceLine",
          "type": "string",
          "title": "The Serviceline Schema ",
          "default": "",
          "examples": [
            "Physical Medicine and Rehabilitation"
          ]
        },
```

```
      "services": {
        "$id": "/properties/Seoc/properties/services",
        "type": "array",
        "items": {
          "$id": "/properties/Seoc/properties/services/items",
          "type": "object",
          "properties": {
            "id": {
              "$id":
  "/properties/Seoc/properties/services/items/properties/id",
              "type": "integer",
              "title": "The Id Schema ",
              "default": 0,
              "examples": [
                1
              ]
            },
            "description": {
              "$id":
  "/properties/Seoc/properties/services/items/properties/description",
              "type": "string",
              "title": "The Description Schema ",
              "default": "",
              "examples": [
                "Initial outpatient evaluation and treatment for the referred
  condition indicated on the consult\r\n"
              ]
            },
            "frequency": {
              "$id":
  "/properties/Seoc/properties/services/items/properties/frequency",
              "type": "integer",
              "title": "The Frequency Schema ",
              "default": 0,
              "examples": [
                2
              ]
            },
            "frequencyType": {
              "$id":
  "/properties/Seoc/properties/services/items/properties/frequencyType",
              "type": "string",
              "title": "The Frequencytype Schema ",
              "default": "",
              "examples": [
                "Week"
              ]
            },
            "visits": {
              "$id":
  "/properties/Seoc/properties/services/items/properties/visits",
              "type": "integer",
              "title": "The Visits Schema ",
              "default": 0,
              "examples": [
                10
              ]
```

```
            },
            "codedBy": {
              "$id":
"/properties/Seoc/properties/services/items/properties/codedBy",
              "type": "null",
              "title": "The Codedby Schema ",
              "default": null,
              "examples": [
                null
              ]
            },
            "codedTimestamp": {
              "$id":
"/properties/Seoc/properties/services/items/properties/codedTimestamp",
              "type": "null",
              "title": "The Codedtimestamp Schema ",
              "default": null,
              "examples": [
                null
              ]
            },
            "codeRequired": {
              "$id":
"/properties/Seoc/properties/services/items/properties/codeRequired",
              "type": "string",
              "title": "The Coderequired Schema ",
              "default": "",
              "examples": [
                "YES"
              ]
            },
            "clinicalService": {
              "$id":
"/properties/Seoc/properties/services/items/properties/clinicalService",
              "type": "string",
              "title": "The Clinicalservice Schema ",
              "default": "",
              "examples": [
                "35-Chiropractic"
              ]
            },
            "billingCodes": {
              "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes",
              "type": "array",
              "items": {
                "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items",
                "type": "object",
                "properties": {
                  "id": {
                    "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items/pro
perties/id",
                    "type": "integer",
                    "title": "The Id Schema ",
                    "default": 0,
```

```
                    "examples": [
                      999
                    ]
                  },
                  "description": {
                    "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items/pro
perties/description",
                    "type": "null",
                    "title": "The Description Schema ",
                    "default": null,
                    "examples": [
                      null
                    ]
                  },
                  "precertRequired": {
                    "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items/pro
perties/precertRequired",
                    "type": "boolean",
                    "title": "The Precertrequired Schema ",
                    "default": false,
                    "examples": [
                      false
                    ]
                  },
                  "billingCode": {
                    "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items/pro
perties/billingCode",
                    "type": "string",
                    "title": "The Billingcode Schema ",
                    "default": "",
                    "examples": [
                      "97811"
                    ]
                  },
                  "codeType": {
                    "$id":
"/properties/Seoc/properties/services/items/properties/billingCodes/items/pro
perties/codeType",
                    "type": "string",
                    "title": "The Codetype Schema ",
                    "default": "",
                    "examples": [
                      "CPT"
                    ]
                  }
                }
              }
            }
          }
        }
      }
    }
  }
```

```
    }
```