



Oregon Health Authority
Common Credentialing System
Credentialing Organization Implementation Guide

Version 10.10

Document Revisions

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10.8	4/17/18	David Meadows	Document	Add missing elements and remove unnecessary elements from the XSDs and reflect the changes in the DD.
10.9	04/19/18	Jason Miranda / David Meadows / Ken Diller / Carolyn Wheless / Emile Daniel	Document	Added back ReasonForLeaving to XSD and DD. Resolved minor text error with Zip Code.
10.10	4/23/18	David Meadows	XSD & DD	Add OPCA fields

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1. Introduction

This Implementation Guide is designed for credentialing organizations (COs) who need attested and credentialed data to be exported from the Oregon Health Authority (OHA) Common Credentialing Program (CC) System and imported into their credentialing system or database. This document is divided into seven sections with Appendices and explains the strategy, artifacts, and information to perform the data import.

Section 2 explains how data flows through the CC system (the data source), and outlines the verification process used to create a fully verified practitioner record. Section 3 explains how the CC system exports this data. Section 4 explains the import approach and Section 5 provides data mapping information. Section 6 provides details on the data delivery mechanism and Section 7 provides Reference information.

The Appendices include the schema files, data dictionary and SFTP form which have been included in this document. Appendix A: Schema for Attested Data specifies the structure and datatypes of Provider Source attested data. Appendix B: Schema for Credentialed Data specifies the structure and datatypes of Client Portal primary source verified credentialing applications. Appendix C: Schema for PSDataTypes defines the values and datatypes by the Schema for Attested Data and the Schema for Credentialed Data. Appendix D: Data Dictionary provides details about the data fields defined in the two XSD schemas. Finally, Appendix E: CO SFTP Form is for COs who elect to receive CC System practitioner credentialing application in XML format.

2. CO Data Flow

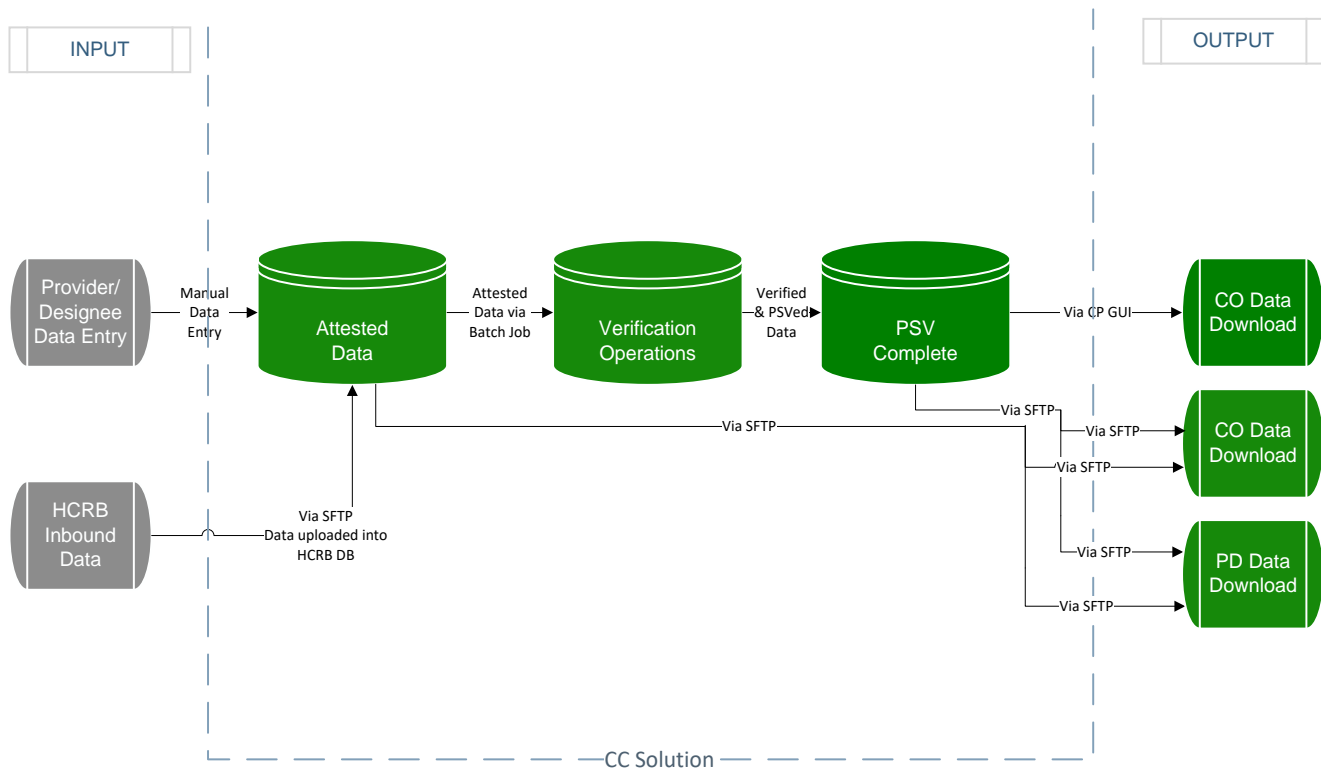


Figure 1: Attested & PSV Data Flow and Delivery

The diagram above depicts the data flow through the entire CC system. Data is entered and attested to in ProviderSource™ and then enters the verification process. Once the data is PSV complete, it is available for download from the Client Portal web portal or for delivery to the COs SFTP server. The paragraphs below outline these processes in detail and provide a reference to the content in the Appendices.

Practitioners or their designee enters data in the ProviderSource™ application. Once the practitioner data is entered and attested to by the practitioner (not a designee) with a digital signature, the attested data is then made available to CO users via Client Portal or delivered to the COs SFTP server. The Provider Directory (PD) receives a subset of directory related data via SFTP only.

Attested data is transferred to Medversant operations staff for Primary Source Verification as part of the verification process. Once the data has been verified it is marked PSV complete and is available for delivery to CO users via Client Portal or SFTP. The PD is provided a subset of directory related data via SFTP only.

3. CC Solution Data Export Strategy

Once data entry is complete, the practitioner attests to the application with a digital signature in the ProviderSource™ application. The attested data is exported from ProviderSource™ in conformance with the schema file for attested data (ATTEST_XMLSchema.xsd). This data is made available to be downloaded to CO users via the Client Portal or delivered to the COs SFTP server (CO users and PD system).

When a practitioner attests their credentialing data, the attested data is transferred to Client Portal, where operations staff perform primary source verification (PSV). During the PSV process, attested data is made available to CO users and to the PD system.

After the data has gone through our PSV process, it is referred to as “PSV complete” or “credentialed.” This data is then exported from the Verifications Operations database using the XSD file called “PSV_XMLSchema.xsd”.

4. CO Data Import Strategy

The CC Solution outputs attested and fully verified data in an XML format. In order for the COs to import the credentialing application data into their practitioner credentialing application database, the CO will need to parse the XML credentialing application data to extract the credentialing application data fields. The CO will need to implement a parser based on ATTEST_XMLSchema.xsd to parse attested data. For parsing primary source verified data, the COs parser will be based on the PSV_XMLSchema.xsd. These XSD schemas contained in the Appendices are referred to by their filename in Section 7 and are shown by their data type in the table below.

Data Type	Schema
Attested data	ATTEST_XMLSchema.xsd
Credentialed/ PSV'd data	PSV_XMLSchema.xsd
Data Definition for mapping	PSDataTypes.xsd

5. Data Mapping

The COs will need to map the XML data elements to the corresponding data elements in the CO's credentialing application database.

Attested data (ATTEST_XMLSchema.xsd) is provided in Appendix A: Schema for Attested Data.

PSV complete data is exported using the XSD file called PSV_XMLSchema.xsd. This schema is outlined in Appendix B: Schema for Credentialed Data.

Appendix C: Schema for PSDataTypes shows the XSD schema file which provides definitions for various entity components used in ProviderSource™. For example, it has a definition for “USAddress”, options for “Gender”, data definition for “Dayofweek”, etc. This schema can be used for data translation when mapping data for import into a CO’s database.

Appendix D: Data Dictionary provides definitions for the fields used in the XSD files.

6. Data Delivery

Client Portal allows the user to download attested data and PSV’d data in the XML format. Additionally, for those COs utilizing SFTP, the same two data files will be provided, attested and PSV’d. Additionally, the .pdf version of the PSV file will be available for view via the Client Portal, and will be made available via SFTP (Secure File Transfer Protocol).

If the CO elects to receive data via SFTP, they must provide access to their SFTP server. The CO will provide SFTP login credentials, access to a protected subdirectory on the CO SFTP server where CC credentialing application extracts will be placed and a technical point of contact.

Appendix E: The CO SFTP Form is a form which needs to be filled out by the participating CO and delivered to Medversant. This form will provide enough information for Medversant to upload attested or PSV complete data to the CO’s SFTP server.

7. References

This section provides tables for acronyms and reference documents.

Acronyms	
Acronyms/ Terms	Definition
CC	Common Credentialing
CO	Credentialing Organization
CVO	Credentialing and Verification Operation
HCP	Health Care Provider
OHA	Oregon Health Authority
PD	Provider Directory
Practitioner	A doctor of medicine or osteopathy, podiatrist, dentist, chiropractor, clinical psychologist, optometrist, nurse practitioner, nurse-midwife, or a clinical

	social worker who is authorized to practice by the State and performing within the scope of their practice as defined by State law
PSV	Primary Source Verification
XSD	XML Schema Definition

Reference Documents

ATTEST_XMLSchema.xsd; presented as Appendix A: Schema for Attested Data

PSV_XMLSchema.xsd; presented as Appendix B: Schema for Credentialed Data

PSDataTypes.xsd; presented as Appendix C: Schema for PSData Types

Data Dictionary.xlsx; presented as Appendix D: Data Dictionary

Appendix A: Schema for Attested Data

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<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Copyright 2017 Medversant Technologies, LLC, Version 1.01
    </xs:documentation>
  </xs:annotation>
  <xs:include schemaLocation="PSDataTypes.xsd"/>
  <xs:element name="PS_DATA_EXTRACT">
    <xs:annotation>
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```

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```

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```

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```

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      <xs:element name="PracticeProfile" type="xs:string" nillable="true"/>
      <xs:element name="W9Name" type="xs:string" nillable="true"/>
      <xs:element name="TaxIDType" type="xs:string" nillable="true"/>
      <xs:element name="GroupNPIEffectiveDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="GroupMedicareNumber" type="xs:string" nillable="true"/>
      <xs:element name="OpenPracticeStatus" type="xs:string" nillable="true"/>
      <xs:element name="AcceptNewPatientFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="PracticeLimitFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="ADAFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="AccessHandicap" type="xs:string" nillable="true"/>
<xs:element name="OtherServiceFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="AccessDisabled" type="xs:string" nillable="true"/>
<xs:element name="PublicTransFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="AccessTransport" type="xs:string" nillable="true"/>
<xs:element name="PhoneCoverageFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="PhoneCoverageType" type="xs:string" nillable="true"/>
<xs:element name="AfterHourPhone" type="xs:string" nillable="true"/>
<xs:element name="AfterHourPhoneExt" type="xs:string" nillable="true"/>
<xs:element name="GenderLimitation" type="xs:string" nillable="true"/>
<xs:element name="AgeMinimum" type="xs:string" nillable="true"/>
<xs:element name="AgeMaximum" type="xs:string" nillable="true"/>
<xs:element name="OtherLimitation" type="xs:string" nillable="true"/>
<xs:element name="OfficeAddress" type="USAddress" minOccurs="0"/>
<xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
<xs:element name="PracticeSetting" type="xs:string" nillable="true"/>
<xs:element name="UniqueCircumstances" type="xs:string" nillable="true"/>
<xs:element name="OfficeManager" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="OfficeManagerAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Mobile" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="EmailAddress" type="Email" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="BillingContact" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="ContactMethod" type="xs:string"/>
      <xs:element name="BillingContactAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Mobile" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="EmailAddress" type="Email" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```


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```

<xs:element name="EbillFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
<xs:element name="CheckPayableTo" type="xs:string" minOccurs="0" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RemitContact" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="ContactMethod" type="xs:string"/>
      <xs:element name="RemitContactAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Mobile" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="EmailAddress" type="Email" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="OfficeHours" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DayofWeek" type="DayofWeek"/>
      <xs:element name="Hours" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CoveringPhysician" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="MiddleName" type="xs:string" nillable="true"/>
      <xs:element name="Degree" type="xs:string" nillable="true"/>
      <xs:element name="Specialty" type="xs:string" nillable="true"/>
      <xs:element name="TaxonomyCode" type="xs:string" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="NPINumber" type="xs:string" nillable="true"/>
      <xs:element name="LicenseState" type="xs:string" nillable="true"/>
      <xs:element name="PrimaryLicenseNo" type="xs:string" nillable="true"/>
      <xs:element name="LicenseType" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="Fax" type="xs:string" nillable="true" />
<xs:element name="PhoneExt" type="xs:string" nillable="true" />
<xs:element name="EmailAddress" type="Email" minOccurs="0" nillable="true" />
<xs:element name="CoverageArrangement" type="xs:string" nillable="true" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LanguageSpoken" nillable="true" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Languagecode" type="Languagecode" nillable="true" />
      <xs:element name="Description" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="LanguageWritten" nillable="true" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Languagecode" type="Languagecode" nillable="true" />
      <xs:element name="Description" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="LanguageInterpret" nillable="true" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Languagecode" type="Languagecode" nillable="true" />
      <xs:element name="Description" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Education" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SchoolType" type="SchoolType" nillable="true" />
      <xs:element name="EducationType" type="xs:string" nillable="true" />
      <xs:element name="GraduateType" type="xs:string" nillable="true" />
      <xs:element name="SchoolLocation" type="xs:string" nillable="true" />
      <xs:element name="SchoolCountry" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

OHA Common Credentialing Project

```

<xs:element name="SchoolName" type="xs:string" nillable="true"/>
<xs:element name="Major" type="xs:string" nillable="true"/>
<xs:element name="Degree" type="xs:string" nillable="true"/>
<xs:element name="StartDate" type="xs:date" minOccurs="0" nillable="true"/>
<xs:element name="GraduationDate" type="xs:date" minOccurs="0" nillable="true"/>
<xs:element name="CompletionFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
<xs:element name="ReasonForIncomplete" type="xs:string" minOccurs="0" nillable="true"/>
<xs:element name="ProgramName" type="xs:string" nillable="true"/>
<xs:element name="FacultyDirectorFirstName" type="xs:string" nillable="true"/>
<xs:element name="FacultyDirectorLastName" type="xs:string" nillable="true"/>
<xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
<xs:element name="SchoolPhone" type="xs:string" nillable="true"/>
<xs:element name="SchoolPhoneExt" type="xs:string" nillable="true"/>
<xs:element name="SchoolFax" type="xs:string" nillable="true"/>
<xs:element name="Specialization" type="xs:string" nillable="true"/>
<xs:element name="DirectorDegree" type="xs:string" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ContinuedMedEdu" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ContinuedMedEduType" type="ContinuedMedEduType" nillable="true"/>
      <xs:element name="ProgramName" type="xs:string" nillable="true"/>
      <xs:element name="AttendDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="HOURS" type="xs:int" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Training" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrainingType" type="TrainingType" nillable="true"/>
      <xs:element name="InstitutionName" type="xs:string" nillable="true"/>
      <xs:element name="CourseofStudy" type="xs:string" nillable="true"/>
      <xs:element name="CompletionFlag" type="xs:boolean" nillable="true"/>
      <xs:element name="ReasonForIncomplete" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="Email" type="Email" nillable="true" minOccurs="0"/>
      <xs:element name="StartDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="EndDate" type="xs:date" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="ProgramName" type="xs:string" nillable="true"/>
<xs:element name="ProgramLocation" type="xs:string" nillable="true"/>
<xs:element name="Specialty" type="xs:string" nillable="true"/>
<xs:element name="TaxonomyCode" type="xs:string" nillable="true"/>
<xs:element name="ProgramDirectorFirstName" type="xs:string" nillable="true"/>
<xs:element name="ProgramDirectorLastName" type="xs:string" nillable="true"/>
<xs:element name="DirectorDegree" type="xs:string" nillable="true"/>
<xs:element name="DirectorEmail" type="xs:string" nillable="true"/>
<xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
<xs:element name="AffUniversityLocation" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityProgram" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityAddress" type="USAddress" minOccurs="0"/>
<xs:element name="AffUniversityPhone" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityPhoneExt" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityFax" type="xs:string" nillable="true"/>
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</xs:complexType>
</xs:element>
<xs:element name="HospitalAffiliation" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HospitalName" type="xs:string" nillable="true"/>
      <xs:element name="Department" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="PrivilegesStatus" type="HospAffiliationStatus" nillable="true"/>
      <xs:element name="AppointmentDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="ExpirationDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="AppSubmittedDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="AdmittingArrangementFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="AdmittingPhysName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="AdmittingPhysHospital" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="DivisionName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="DivisionDirectorFirstName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="DivisionDirectorLastName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="UnrestrictedPrivilegesFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="TemporaryPrivilegesFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="WorkHistory" minOccurs="0" maxOccurs="unbounded">

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="EmployerName" type="xs:string"/>
    <xs:element name="ContactFirstName" type="xs:string"/>
    <xs:element name="ContactLastName" type="xs:string"/>
    <xs:element name="Email" type="xs:string" nillable="true"/>
    <xs:element name="Phone" type="xs:string" nillable="true"/>
    <xs:element name="PhoneExt" type="xs:string" nillable="true"/>
    <xs:element name="Fax" type="xs:string" nillable="true"/>
    <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
    <xs:element name="ContactMethod" type="xs:string" nillable="true"/>
    <xs:element name="PositionHeld" type="xs:string" nillable="true"/>
    <xs:element name="FromDate" type="xs:date" nillable="true" minOccurs="0"/>
    <xs:element name="ToDate" type="xs:date" nillable="true" minOccurs="0"/>
    <xs:element name="ReasonForLeaving" type="xs:string" nillable="true"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WorkHistoryGap" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FromDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ToDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="GapReason" type="xs:string" nillable="true"/>
      <xs:element name="GapExplanation" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="PeerReference" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="MiddleName" type="xs:string"/>
      <xs:element name="Suffix" type="xs:string"/>
      <xs:element name="ContactMethod" type="xs:string" nillable="true"/>
      <xs:element name="Relationship" type="xs:string" nillable="true"/>
      <xs:element name="Specialty" type="xs:string" nillable="true"/>
      <xs:element name="TaxonomyCode" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="PhoneExt" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="Mobile" type="xs:string" nillable="true"/>
<xs:element name="EmailAddress" type="xs:string" nillable="true"/>
<xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ProLiability" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierName" type="xs:string"/>
      <xs:element name="PolicyNumber" type="xs:string"/>
      <xs:element name="Phone" type="xs:string"/>
      <xs:element name="Fax" type="xs:string"/>
      <xs:element name="Email" type="xs:string" nillable="true"/>
      <xs:element name="PerClaimCoverage" type="xs:string" nillable="true"/>
      <xs:element name="AggregateCoverage" type="xs:string" nillable="true"/>
      <xs:element name="EffectiveDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="ExpirationDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimsHistoryFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimOccurDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimFiledDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimCurrentStatus" type="xs:string" nillable="true"/>
      <xs:element name="ClaimProviderAmount" type="xs:string" nillable="true"/>
      <xs:element name="ClaimSettledDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="AllegationsDesc" type="xs:string" nillable="true"/>
      <xs:element name="PrimaryDefendantFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimRole" type="xs:string" nillable="true"/>
      <xs:element name="SpecificResponsibility" type="xs:string" nillable="true"/>
      <xs:element name="ClinicalDetails" type="xs:string" nillable="true"/>
      <xs:element name="PatientOutcome" type="xs:string" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0" nillable="true"/>
      <xs:element name="SelfInsuredFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="SelfInsuredPolicyName" type="xs:string" nillable="true"/>
      <xs:element name="ContactEmail" type="Email" minOccurs="0" nillable="true"/>
      <xs:element name="RetroactiveDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="UnlimitedPerFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="UnlimitedCoverageFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="NoExpireFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="PolicyType" type="xs:string" nillable="true"/>
      <xs:element name="CoverageType" type="xs:string" nillable="true"/>
      <xs:element name="PolicyHolder" type="xs:string" nillable="true"/>
      <xs:element name="SettleMethod" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="DefendantCount" type="xs:string" nillable="true"/>
<xs:element name="CaseInvolvement" type="xs:string" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Disclosure" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ID" type="ORDisclosureID"/>
      <xs:element name="Response" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="Detail" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ClientSpecificNo" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
<xs:attribute name="PSID" type="xs:string" use="required"/>
<xs:attribute name="NPI" type="xs:string" use="optional"/>
<xs:attribute name="ATTEST_STATUS" type="xs:string"/>
<xs:attribute name="LAST_ATTEST_DATE" type="xs:date" use="optional"/>
<xs:attribute name="TRANSACTION_ID" type="xs:string" use="required"/>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="BatchID" type="xs:string" use="required"/>
<xs:attribute name="ExtractDateTime" type="xs:date" use="required"/>
<xs:attribute name="TotalRecordCount" type="xs:int" use="required"/>
<xs:attribute name="RequestOrgID" type="xs:string" use="required"/>
<xs:attribute name="RequestOrgName" type="xs:string"/>
<xs:attribute name="ExtractType" type="ExtractType" use="required"/>
</xs:complexType>
</xs:element>
</xs:schema>

```

Appendix B: Schema for Credentialed data

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Copyright 2017 Medversant Technologies, LLC, Version 1.01
    </xs:documentation>
  </xs:annotation>
  <xs:include schemaLocation="PSDataTypes.xsd"/>
  <xs:element name="PS_DATA_EXTRACT">
    <xs:annotation>
      <xs:documentation>xml schema for ProviderSource PSV data extract</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="PROVIDER" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="FirstName" type="xs:string" nillable="false"/>
              <xs:element name="LastName" type="xs:string" nillable="false"/>
              <xs:element name="MiddleName" type="xs:string" nillable="true"/>
              <xs:element name="PS_PractitionerID" type="xs:string" nillable="false"/>
              <xs:element name="ENC_PractitionerGUID" type="xs:string"/>
              <xs:element name="PractitionerState" type="xs:string"/>
              <xs:element name="PriPractitionerType" type="xs:string"/>
              <xs:element name="Suffix" type="xs:string" nillable="true"/>
              <xs:element name="Gender" type="Gender" nillable="true"/>
              <xs:element name="DegreeTitle" type="xs:string" nillable="true"/>
              <xs:element name="SSN" type="SSN" nillable="true" minOccurs="0"/>
              <xs:element name="Citizenship" type="xs:string" nillable="true"/>
              <xs:element name="ResideRightFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
              <xs:element name="WorkRightFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
              <xs:element name="WorkPermanentFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
              <xs:element name="FNIN" type="xs:string" nillable="true"/>
              <xs:element name="FNINIssueCountry" type="xs:string" nillable="true"/>
              <xs:element name="VisaNumber" type="xs:string" nillable="true"/>
              <xs:element name="VisaStatus" type="xs:string" nillable="true"/>
              <xs:element name="VisaType" type="xs:string" nillable="true"/>
              <xs:element name="VisaIssueDate" type="xs:date" nillable="true" minOccurs="0"/>
              <xs:element name="VisaExpirationDate" type="xs:date" nillable="true" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



```

<xs:element name="Ethnicity" type="xs:string" nillable="true"/>
<xs:element name="MaritalStatus" type="xs:string" nillable="true"/>
<xs:element name="MedicareOptOutFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="UPIN" type="xs:string" nillable="true"/>
<xs:element name="OtherProfInterest" type="xs:string" nillable="true"/>
<xs:element name="DEAFlag" type="xs:boolean" nillable="true"/>
<xs:element name="EducationFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="TrainingFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
<xs:element name="TeachingFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
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      <xs:element name="State" type="xs:string"/>
      <xs:element name="City" type="xs:string"/>
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      <xs:element name="Description" type="xs:string" nillable="true"/>
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  </xs:complexType>
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    <xs:attribute name="HomePhoneExt" type="xs:string"/>
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      <xs:element name="VerifiedFinding" type="xs:string" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedComments" type="xs:string" nillable="true" minOccurs="0" />
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      <xs:element name="SponsorLicenseState" type="xs:string" nillable="true" />
      <xs:element name="SponsorDegree" type="xs:string" nillable="true" />
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      <xs:element name="EligCertifiedFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
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      <xs:element name="BoardPhoneExt" type="xs:string" nillable="true"/>
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```

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<xs:element name="OfficePhone" type="xs:string" nillable="true"/>
<xs:element name="OfficePhoneExt" type="xs:string" nillable="true"/>
<xs:element name="AppointmentPhone" type="xs:string" nillable="true"/>
<xs:element name="AppointmentPhoneExt" type="xs:string" nillable="true"/>
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<xs:element name="NameAffiliatedTaxID" type="xs:string" nillable="true"/>
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<xs:element name="FirstName" type="xs:string"/>
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<xs:element name="Phone" type="xs:string" nillable="true"/>
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      <xs:element name="PhoneExt" type="xs:string" nillable="true" />
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      <xs:element name="ProgramName" type="xs:string" nillable="true"/>
      <xs:element name="FacultyDirectorFirstName" type="xs:string" nillable="true"/>
      <xs:element name="FacultyDirectorLastName" type="xs:string" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="SchoolPhone" type="xs:string" nillable="true"/>
      <xs:element name="SchoolPhoneExt" type="xs:string" nillable="true"/>
      <xs:element name="SchoolFax" type="xs:string" nillable="true"/>
      <xs:element name="Specialization" type="xs:string" nillable="true"/>
      <xs:element name="DirectorDegree" type="xs:string" nillable="true"/>
      <xs:element name="VerifiedFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedSource" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedFinding" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedComments" type="xs:string" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="VerifiedDate" type="xs:date" minOccurs="0" nillable="true"/>
<xs:element name="VerificationStatus" type="EduVerifyStatus" minOccurs="0" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ContinuedMedEdu" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ContinuedMedEduType" type="ContinuedMedEduType" nillable="true"/>
      <xs:element name="ProgramName" type="xs:string" nillable="true"/>
      <xs:element name="AttendDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="HOURS" type="xs:int" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedSource" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedFinding" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedComments" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="VerificationStatus" type="EduVerifyStatus" minOccurs="0" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Training" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrainingType" type="TrainingType" nillable="true"/>
      <xs:element name="InstitutionName" type="xs:string" nillable="true"/>
      <xs:element name="CourseofStudy" type="xs:string" nillable="true"/>
      <xs:element name="CompletionFlag" type="xs:boolean" nillable="true"/>
      <xs:element name="ReasonForIncomplete" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="Email" type="Email" nillable="true" minOccurs="0"/>
      <xs:element name="StartDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="EndDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ProgramName" type="xs:string" nillable="true"/>
      <xs:element name="ProgramLocation" type="xs:string" nillable="true"/>
      <xs:element name="Specialty" type="xs:string" nillable="true"/>
      <xs:element name="TaxonomyCode" type="xs:string" nillable="true"/>
      <xs:element name="ProgramDirectorFirstName" type="xs:string" nillable="true"/>
      <xs:element name="ProgramDirectorLastName" type="xs:string" nillable="true"/>
      <xs:element name="DirectorDegree" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="DirectorEmail" type="xs:string" nillable="true"/>
<xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
<xs:element name="AffUniversityLocation" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityProgram" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityAddress" type="USAddress" minOccurs="0"/>
<xs:element name="AffUniversityPhone" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityPhoneExt" type="xs:string" nillable="true"/>
<xs:element name="AffUniversityFax" type="xs:string" nillable="true"/>
<xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="VerifiedSource" type="xs:string" nillable="true"/>
<xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
<xs:element name="VerifiedFinding" type="xs:string" nillable="true"/>
<xs:element name="VerifiedComments" type="xs:string" nillable="true"/>
<xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0" />
<xs:element name="VerificationStatus" type="TrainingVerifyStatus" minOccurs="0" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="HospitalAffiliation" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HospitalName" type="xs:string" nillable="true"/>
      <xs:element name="Department" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="PrivilegesStatus" type="HospAffiliationStatus" nillable="true"/>
      <xs:element name="AppointmentDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="ExpirationDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="AppSubmittedDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="AdmittingArrangementFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="AdmittingPhysName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="AdmittingPhysHospital" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="DivisionName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="DivisionDirectorFirstName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="DivisionDirectorLastName" type="xs:string" minOccurs="0" nillable="true"/>
      <xs:element name="UnrestrictedPrivilegesFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="TemporaryPrivilegesFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedSource" type="xs:string" nillable="true"/>
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedFinding" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="VerifiedComments" type="xs:string" nillable="true"/>
<xs:element name="VerifiedDate" type="xs:date" minOccurs="0" nillable="true"/>
<xs:element name="VerificationStatus" type="xs:string" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WorkHistory" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="EmployerName" type="xs:string"/>
      <xs:element name="ContactFirstName" type="xs:string"/>
      <xs:element name="ContactLastName" type="xs:string"/>
      <xs:element name="Email" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="PhoneExt" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
      <xs:element name="ContactMethod" type="xs:string" nillable="true"/>
      <xs:element name="PositionHeld" type="xs:string" nillable="true"/>
      <xs:element name="FromDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ToDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ReasonForLeaving" type="xs:string" nillable="true"/>
      <xs:element name="VerifiedFlag" type="xs:boolean" minOccurs="0" nillable="true"/>
      <xs:element name="VerifiedSource" type="xs:string" nillable="true"/>
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedFinding" type="xs:string" nillable="true"/>
      <xs:element name="VerifiedComments" type="xs:string" nillable="true"/>
      <xs:element name="VerifiedDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="VerificationStatus" type="xs:string" nillable="true"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="WorkHistoryGap" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FromDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ToDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="GapReason" type="xs:string" nillable="true"/>
      <xs:element name="GapExplanation" type="xs:string" nillable="true"/>
      <xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="VerifiedSource" type="xs:string" nillable="true"/>
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="VerifiedFinding" type="xs:string" nillable="true"/>
<xs:element name="VerifiedComments" type="xs:string" nillable="true"/>
<xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0"/>
<xs:element name="VerificationStatus" type="xs:string" nillable="true"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="PeerReference" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FirstName" type="xs:string"/>
      <xs:element name="LastName" type="xs:string"/>
      <xs:element name="MiddleName" type="xs:string"/>
      <xs:element name="Suffix" type="xs:string"/>
      <xs:element name="ContactMethod" type="xs:string" nillable="true"/>
      <xs:element name="Relationship" type="xs:string" nillable="true"/>
      <xs:element name="Specialty" type="xs:string" nillable="true"/>
      <xs:element name="TaxonomyCode" type="xs:string" nillable="true"/>
      <xs:element name="Phone" type="xs:string" nillable="true"/>
      <xs:element name="PhoneExt" type="xs:string" nillable="true"/>
      <xs:element name="Fax" type="xs:string" nillable="true"/>
      <xs:element name="Mobile" type="xs:string" nillable="true"/>
      <xs:element name="EmailAddress" type="xs:string" nillable="true"/>
      <xs:element name="MailingAddress" type="USAddress" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ProLiability" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierName" type="xs:string"/>
      <xs:element name="PolicyNumber" type="xs:string"/>
      <xs:element name="Phone" type="xs:string"/>
      <xs:element name="Fax" type="xs:string"/>
      <xs:element name="Email" type="xs:string" nillable="true"/>
      <xs:element name="PerClaimCoverage" type="xs:string" nillable="true"/>
      <xs:element name="AggregateCoverage" type="xs:string" nillable="true"/>
      <xs:element name="EffectiveDate" type="xs:date" minOccurs="0" nillable="true"/>
      <xs:element name="ExpirationDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimsHistoryFlag" type="xs:boolean" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimOccurDate" type="xs:date" nillable="true" minOccurs="0"/>
      <xs:element name="ClaimFiledDate" type="xs:date" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

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```

<xs:element name="ClaimCurrentStatus" type="xs:string" nillable="true" /
<xs:element name="ClaimProviderAmount" type="xs:string" nillable="true" />
<xs:element name="ClaimSettledDate" type="xs:date" nillable="true" minOccurs="0" />
<xs:element name="AllegationsDesc" type="xs:string" nillable="true" />
<xs:element name="PrimaryDefendantFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="ClaimRole" type="xs:string" nillable="true" />
<xs:element name="SpecificResponsibility" type="xs:string" nillable="true" />
<xs:element name="ClinicalDetails" type="xs:string" nillable="true" />
<xs:element name="PatientOutcome" type="xs:string" nillable="true" />
<xs:element name="MailingAddress" type="USAddress" minOccurs="0" nillable="true" />
<xs:element name="SelfInsuredFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="SelfInsuredPolicyName" type="xs:string" nillable="true" />
<xs:element name="ContactEmail" type="Email" minOccurs="0" nillable="true" />
<xs:element name="RetroactiveDate" type="xs:date" nillable="true" minOccurs="0" />
<xs:element name="UnlimitedPerFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="UnlimitedCoverageFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="NoExpireFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="PolicyType" type="xs:string" nillable="true" />
<xs:element name="CoverageType" type="xs:string" nillable="true" />
<xs:element name="PolicyHolder" type="xs:string" nillable="true" />
<xs:element name="SettleMethod" type="xs:string" nillable="true" />
<xs:element name="DefendantCount" type="xs:string" nillable="true" />
<xs:element name="CaseInvolvement" type="xs:string" nillable="true" />
<xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0" />
<xs:element name="VerifiedSource" type="xs:string" />
<xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0" />
<xs:element name="VerifiedFinding" type="xs:string" nillable="true" />
<xs:element name="VerifiedComments" type="xs:string" nillable="true" />
<xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0" />
<xs:element name="VerificationStatus" type="InsureVerifyStatus" minOccurs="0" nillable="true" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="EPLS" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedSource" type="xs:string" nillable="true" />
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedFinding" type="xs:string" nillable="true" />
      <xs:element name="VerifiedComments" type="xs:string" nillable="true" />
      <xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    <xs:element name="VerificationStatus" type="xs:string" nillable="true" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="NPDB" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedSource" type="xs:string" nillable="true" />
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedFinding" type="xs:string" nillable="true" />
      <xs:element name="VerifiedComments" type="xs:string" nillable="true" />
      <xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0" />
      <xs:element name="VerificationStatus" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Sanction" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="VerifiedFlag" type="xs:boolean" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedSource" type="xs:string" nillable="true" />
      <xs:element name="SourceDate" type="xs:date" nillable="true" minOccurs="0" />
      <xs:element name="VerifiedFinding" type="xs:string" nillable="true" />
      <xs:element name="VerifiedComments" type="xs:string" nillable="true" />
      <xs:element name="VerifiedDate" type="xs:date" nillable="true" minOccurs="0" />
      <xs:element name="VerificationStatus" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Disclosure" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ID" type="ORDisclosureID" />
      <xs:element name="Response" type="xs:boolean" nillable="true" minOccurs="0" />
      <xs:element name="Detail" type="xs:string" nillable="true" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ClientSpecificNo" nillable="true" minOccurs="0" maxOccurs="unbounded" />
</xs:sequence>
<xs:attribute name="PSID" type="xs:string" use="required" />

```



```
<xs:attribute name="NPI" type="xs:string" use="optional" />
<xs:attribute name="ATTEST_STATUS" type="xs:string" />
<xs:attribute name="LAST_ATTEST_DATE" type="xs:date" use="optional" />
<xs:attribute name="TRANSACTION_ID" type="xs:string" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="BatchID" type="xs:string" use="required" />
<xs:attribute name="ExtractDateTime" type="xs:date" use="required" />
<xs:attribute name="TotalRecordCount" type="xs:int" use="required" />
<xs:attribute name="RequestOrgID" type="xs:string" use="required" />
<xs:attribute name="RequestOrgName" type="xs:string" />
<xs:attribute name="ExtractType" type="ExtractType" use="required" />
</xs:complexType>
</xs:element>
</xs:schema>
```

Appendix C: Schema for PSDataTypes

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:annotation>
    <xs:documentation>
      Copyright 2017 Medversant Technologies, LLC, Version 1.01
    </xs:documentation>
  </xs:annotation>
  <xs:simpleType name="ExtractType">
    <xs:annotation>
      <xs:documentation>Provider Data Extract Type as defined by Medversant</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="OPA" />
      <xs:enumeration value="OPAEPSV" />
      <xs:enumeration value="WPA" />
      <xs:enumeration value="WPAEPSV" />
      <xs:enumeration value="NCQA" />
      <xs:enumeration value="JCAHO" />
      <xs:enumeration value="CUST" />
      <!-- WPA data -->
      <!-- WPA with electronic PSV data -->
      <!-- NCQA Compliant Verification-->
      <!-- JCAHO Compliant Verification -->
      <!-- Custom Data Set -->
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="SchoolType">
    <xs:annotation>
      <xs:documentation>Standard school types</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Undergraduate" />
      <xs:enumeration value="Graduate" />
      <xs:enumeration value="Professional" />
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="TrainingType">
    <xs:annotation>
      <xs:documentation>Standard Training types</xs:documentation>
    </xs:annotation>
  </xs:simpleType>
</xs:schema>
```

```

<xs:restriction base="xs:string">
  <xs:enumeration value="Internship"/>
  <xs:enumeration value="Residency"/>
  <xs:enumeration value="Fellowship"/>
  <xs:enumeration value="Preceptorship"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="ContinuedMedEduType">
  <xs:annotation>
    <xs:documentation>Continued Education Type</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="Medical School"/>
    <xs:enumeration value="Graduate School"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="SSN">
  <xs:annotation>
    <xs:documentation>SSN validation</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:pattern value="\d{3}-\d{2}-\d{4}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DEANumber">
  <xs:restriction base="xs:string">
    <xs:length value="9"/>
    <xs:pattern value="[A-Z]{2}[0-9]{7}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Gender">
  <xs:annotation>
    <xs:documentation>Gender Validation</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:pattern value="male|female"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="USAddress">
  <xs:sequence>
    <xs:element name="AddressLine1" type="xs:string"/>
    <xs:element name="AddressLine2" type="xs:string"/>
  </xs:sequence>
</xs:complexType>

```

```

<xs:element name="City" type="xs:string"/>
<xs:element name="State" type="xs:string"/>
<xs:element name="ZipCode" type="xs:string"/>
</xs:sequence>
<xs:attribute name="country" type="xs:NMTOKEN" fixed="US"/>
</xs:complexType>
<xs:simpleType name="Email">
  <xs:restriction base="xs:string">
    <xs:pattern value="^[^@]+@[^\.\.]+\.\.+"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DayofWeek">
  <xs:restriction base="xs:NMTOKEN">
    <xs:enumeration value="Monday"/>
    <xs:enumeration value="Tuesday"/>
    <xs:enumeration value="Wednesday"/>
    <xs:enumeration value="Thursday"/>
    <xs:enumeration value="Friday"/>
    <xs:enumeration value="Saturday"/>
    <xs:enumeration value="Sunday"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ORDisclosureID">
  <xs:restriction base="xs:NMTOKEN">
    <xs:enumeration value="001"/>
    <xs:enumeration value="OR_A"/>
    <xs:enumeration value="OR_B"/>
    <xs:enumeration value="OR_C"/>
    <xs:enumeration value="OR_D"/>
    <xs:enumeration value="OR_E"/>
    <xs:enumeration value="OR_F"/>
    <xs:enumeration value="OR_G"/>
    <xs:enumeration value="OR_H"/>
    <xs:enumeration value="OR_I"/>
    <xs:enumeration value="OR_J"/>
    <xs:enumeration value="OR_K"/>
    <xs:enumeration value="OR_L"/>
    <xs:enumeration value="OR_M"/>
    <xs:enumeration value="OR_N"/>
    <xs:enumeration value="OR_O"/>
  </xs:restriction>
</xs:simpleType>

```

```

<xs:simpleType name="EduVerifyStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Not Completed"/>
    <xs:enumeration value="No Record Found"/>
    <xs:enumeration value="NOT VERIFIED (INSTITUTION CLOSED)"/>
    <xs:enumeration value="Unable to Verify"/>
    <xs:enumeration value="Completed"/>
    <xs:enumeration value="Active"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="TrainingVerifyStatus">
  <xs:restriction base="xs:string">
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    <xs:enumeration value="No Record Found"/>
    <xs:enumeration value="Completed"/>
    <xs:enumeration value="Unable to Verify"/>
    <xs:enumeration value="NOT VERIFIED (INSTITUTION CLOSED)"/>
    <xs:enumeration value="N/A"/>
    <xs:enumeration value="Active"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="InsureVerifyStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="No Record Found"/>
    <xs:enumeration value="Uninsured"/>
    <xs:enumeration value="Self-insured"/>
    <xs:enumeration value="Unable to Verify"/>
    <xs:enumeration value="Expired"/>
    <xs:enumeration value="Current"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="BoardVerifyStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Not Certified"/>
    <xs:enumeration value="Eligible"/>
    <xs:enumeration value="Expired"/>
    <xs:enumeration value="Unable to Verify"/>
    <xs:enumeration value="Qualified"/>
    <xs:enumeration value="Certified"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DEAVerifyStatus">

```

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<xs:restriction base="xs:string">
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  <xs:enumeration value="Inactive"/>
  <xs:enumeration value="Expired"/>
  <xs:enumeration value="Unable to Verify"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="LicenseVerifyStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Valid"/>
    <xs:enumeration value="Obligation"/>
    <xs:enumeration value="Clear/Active"/>
    <xs:enumeration value="In Renewal"/>
    <xs:enumeration value="Renewed/Current"/>
    <xs:enumeration value="Expired"/>
    <xs:enumeration value="Delinquent"/>
    <xs:enumeration value="Null and Void"/>
    <xs:enumeration value="Active-Limited"/>
    <xs:enumeration value="Disciplinary/Relinquished"/>
    <xs:enumeration value="Voluntary Relinquish Pending Board Action"/>
    <xs:enumeration value="Voluntary Relinquished"/>
    <xs:enumeration value="Deceased"/>
    <xs:enumeration value="Unable to Verify"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="HospAffiliationStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Active"/>
    <xs:enumeration value="Adjunctive"/>
    <xs:enumeration value="Admitting"/>
    <xs:enumeration value="Affiliate"/>
    <xs:enumeration value="Associate"/>
    <xs:enumeration value="Attending"/>
    <xs:enumeration value="Co-Admissions"/>
    <xs:enumeration value="Consulting-Admitting"/>
    <xs:enumeration value="Emeritus"/>
    <xs:enumeration value="Pending"/>
    <xs:enumeration value="Senior"/>
    <xs:enumeration value="Staff"/>
    <xs:enumeration value="Non-admitting"/>
    <xs:enumeration value="Provisional"/>
    <xs:enumeration value="Courtesy"/>
  </xs:restriction>

```

```
<xs:enumeration value="Temporary-Admitting" />
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Languagecode">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ar" />
    <xs:enumeration value="bn" />
    <xs:enumeration value="cs" />
    <xs:enumeration value="da" />
    <xs:enumeration value="de" />
    <xs:enumeration value="el" />
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    <xs:enumeration value="hr" />
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    <xs:enumeration value="ja" />
    <xs:enumeration value="ko" />
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    <xs:enumeration value="no" />
    <xs:enumeration value="pa" />
    <xs:enumeration value="pt" />
    <xs:enumeration value="ru" />
    <xs:enumeration value="sr" />
    <xs:enumeration value="sv" />
    <xs:enumeration value="te" />
    <xs:enumeration value="zh" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="SpecialtyRank">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Primary" />
    <xs:enumeration value="Secondary" />
    <xs:enumeration value="Tertiary" />
    <xs:enumeration value="Additional" />
    <xs:enumeration value="Other" />
  </xs:restriction>
</xs:simpleType>
</xs:schema>
```

Appendix D: Data Dictionary

Data Element Name	Type	Length	Nullability	Data Definition	Values
Provider - ProviderSource Data					
FirstName	String	250	Not Null	First name of practitioner	Text
LastName	String	250	Not Null	Last name of practitioner	Text
MiddleName	String	250	Nullable	Middle name of practitioner	Text
PS_PractitionerID	String	100	Not Null	Practitioner identification number	Text
ENC_PractitionerGUID	String	250	Nullable	Practitioner Unique Global ID	Text
PractitionerState	String	250	Nullable	Practitioner State	Text
PriPractitionerType	String	250	Nullable	Primary Practitioner Type	Text
Suffix	String	250	Nullable	Suffix of practitioner	Text
Gender	String	6	Nullable	Gender of practitioner – one of following values: “Male”, “Female”	Gender – see Appendix C
DegreeTitle	String	250	Nullable	Degree or Title of practitioner	Text
SSN	String	9	Nullable	Social security number of practitioner	SSN – see Appendix C
Citizenship	String	250	Nullable	Citizenship of practitioner	Text
Ethnicity	String	250	Nullable	Ethnicity of practitioner	Text
ResideRightFlag	Boolean		Nullable	Does the practitioner have a legal right to live in the US?	True/False
WorkRightFlag	Boolean		Nullable	Does the practitioner have a legal right to work in the US?	True/False
WorkPermanentFlag	Boolean		Nullable	Does the practitioner hold a permanent work permit?	True/False
FNIN	String	100	Nullable	Foreign National Identification Number	Text
FNINIssueCountry	String	250	Nullable	FNIN Issue Country	Text
VisaNumber	String	100	Nullable	Visa Number	Text
VisaStatus	String	250	Nullable	Visa Status – Can be either In Status or Out of Status	Text
VisaType	String	250	Nullable	Type of Visa – Can be any of the following: B-1, F-1, H1-B, H1-B1, H-1C, J-1, L-1, O-1, TN-1	Text
VisaIssueDate	DateTime		Nullable	Date Visa was Issued	Date/Time

Data Element Name	Type	Length	Nullability	Data Definition	Values
VisaExpirationDate	DateTime		Nullable	Date Visa Expires	Date/Time
MaritalStatus	String	250	Nullable	Marital Status	Text
MedicareOptOutFlag	Boolean		Nullable	Indicator of practitioner participation in Medicare	True/False
UPIN	String	250	Nullable	UPIN	Text
OtherProfInterest	String	2500	Nullable	Other specialty interests information	Text
DEAFlag	Boolean		Nullable	Indicator of practitioner's DEA authorization to prescribe	True/False
EducationFlag	Boolean		Nullable	Indicator of completion of continuing education	True/False
TrainingFlag	Boolean		Nullable	Indicator of completion of training program	True/False
TeachingFlag	Boolean		Nullable	Indicator of practitioner acting in a teaching role	True/False
CMEFlag	Boolean		Nullable	Indicator of practitioner engagement in CME	True/False
HospitalAffiliationFlag	Boolean		Nullable	Indicator of practitioner's hospital privilege	True/False
EmailAddress	String	250	Nullable	Personal email of practitioner	Email – see Appendix C
BirthInfo					
Country	String	250	Nullable	Country of birth of practitioner	Text
State	String	250	Nullable	State, within USA, of birth of practitioner	Text
City	String	250	Nullable	City of birth for practitioner	Text
Date	DateTime		Nullable	Date of birth for practitioner	Date/Time
LanguageSpoken					
LanguageCode	String	2	Nullable	Language spoken by the practitioner	Languagecode – see Appendix C
Description	String	250	Nullable	Description of language spoken by the practitioner	Text
LanguageWritten					
LanguageCode	String	2	Nullable	The language written by the practitioner	Languagecode – see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
Description	String	250	Nullable	Description of language written by the practitioner	Text
OtherName					
OtherNameType	String	250	Nullable	Other Name Type	Text
FirstName	String	250	Nullable	Other first name(s) used by practitioner	Text
MiddleName	String	250	Nullable	Other middle name(s) used by practitioner	Text
LastName	String	250	Nullable	Other last name(s) used by practitioner	Text
Suffix	String	250	Nullable	Other suffix used by practitioner	Text
FromDate	DateTime		Nullable	From Date other names were used	DateTime
ToDate	DateTime		Nullable	To Date other names were used	DateTime
StillInUseFlag	Boolean		Nullable	Other name still in use flag	True/False
HomeAddress					
AddressLine1	String	250	Nullable	Practitioner Home Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Practitioner Home Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Practitioner Home City	USAddress - see Appendix C
State	String	250	Nullable	Practitioner Home State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Practitioner Home Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Practitioner Country = "US"	USAddress - see Appendix C
HomePhone					
PhoneType	String	fixed	Required	Phone Type = Home	Fixed
Number	String	50	Nullable	Home phone number of practitioner	Text
HomePhoneExt	String	50	Nullable	Home phone extension of practitioner	Text
Mobile					
PhoneType	String	fixed	Required	Phone Type = Mobile	Fixed
Number	String	50	Nullable	Mobile phone number of practitioner	Text
HomeFax					

Data Element Name	Type	Length	Nullability	Data Definition	Values
FaxType	String	fixed	Required	Fax Type = HomeFax	Fixed
Number	String	50	Nullable	Home Fax number of practitioner	Text
<i>Pager</i>					
Number	String	50	Nullable	Pager number for practitioner	Text
Pin	String	10	Nullable	Practitioner pager pin	Text
<i>Medicare</i>					
MedicareNumber	String	50	Nullable	Medicare identification number	Text
MedicareState	String	250	Nullable	Medicare State	Text
<i>Medicaid</i>					
MedicaidNumber	String	50	Nullable	Medicaid identification number	Text
MedicaidState	String	250	Nullable	Medicaid State	Text
<i>DEA</i>					
DEANumber	String	9	Nullable	DEA identification number	DEANumber – see Appendix C
DeaState	String	250	Nullable	DEA State	Text
IssueDate	DateTime		Nullable	Issue date of DEA number	DateTime
ExpirationDate	DateTime		Nullable	Expiration date of DEA privileges	DateTime
DEASchedule	String	250	Nullable	Practitioner’s drug schedule separated by spaces; e.g., 2 2N 3 3N 4 5 (for a practitioner with full schedule)	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Practitioners DEA Verification Status which is one of the following set values: “Active”, “Inactive”, “Expired”, “Unable to Verify”	DEAVerifyStatus – see Appendix C
<i>CSR</i>					
CSRNumber	String	50	Nullable	CSR Number	Text
CSRState	String	250	Nullable	CSR State	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
IssueDate	DateTime		Nullable	CSR Issue Date	Date/Time
ExpirationDate	DateTime		Nullable	CSR Expiration Date	Date/Time
TricareNumber	String	50	Nullable	Tricare ID Number	Text
UsmleNumber	String	50	Nullable	Usmle ID Number	Text
CompensationNumber	String	50	Nullable	Compensation Number	Text
DMAPNumber	String	50	Nullable	DMAP ID number	Text
ECFMG					
ECFMGNumber	String	50	Nullable	Education Commission for Foreign Medical Graduates ID Number	Text
IssueDate	DateTime		Nullable	Education Commission for Foreign Medical Graduates Issue date	Date/Time
ExpirationDate	DateTime		Nullable	Education Commission for Foreign Medical Graduates Expiration date	Date/Time
RegCertLicense					
Number	String	50	Nullable	Practitioner license Number	Text
State	String	250	Nullable	Practitioner license State	Text
LicenseType	String	250	Nullable	Practitioner license Type	Text
LicenseStatus	String	250	Nullable	Practitioner license Status	Text
IssueDate	DateTime		Nullable	Practitioner license Issue Date	DateTime
ExpirationDate	DateTime		Nullable	Practitioner license Expiration Date	DateTime
PrimaryFlag	Boolean		Nullable	Is this the practitioner's primary license?	True/False
SupervisionFlag	Boolean		Nullable	Does the practitioner require a supervisor or sponsor for this license?	True/False
SponsorFirstName	String	250	Nullable	First name of sponsor to practitioner	Text
SponsorLastName	String	250	Nullable	Last name of sponsor to practitioner	Text
SponsorMiddleName	String	250	Nullable	Middle name of sponsor to practitioner	Text
SponsorSuffix	String	250	Nullable	Suffix to name of sponsor to practitioner	Text
SponsorLicenseNo	String	50	Nullable	Sponsor License Number	Text
SponsorLicenseState	String	250	Nullable	Sponsor License State	Text
SponsorDegree	String	250	Nullable	Degree of Sponsor	Text
LicRegSpecialtyName	String	250	Nullable	Practitioner Specialty	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
IssuingBoardName	String	250	Nullable	Name of certification board for practitioner specialty	Text
BoardAddress - Certification Board Address					
AddressLine1	String	250	Nullable	Certification Board Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Certification Board Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Certification Board City	USAddress - see Appendix C
State	String	250	Nullable	Certification Board State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Certification Board Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Practitioner Country = "US"	USAddress - see Appendix C
BoardFax	String	50	Nullable	Fax number of certification board	Text
BoardPhone	String	50	Nullable	Phone number of certification board	Text
BoardPhoneExt	String	50	Nullable	Phone number extension of certification board	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time

Data Element Name	Type	Length	Nullability	Data Definition	Values
VerificationStatus	Enum		Nullable	Practitioners License Verification Status which is one of the following set values: "Valid", "Obligation", "Clear/Active", "In Renewal", "Renewed/Current", "Expired", "Delinquent", "Null and Void", "Active-Limited", "Disciplinary/Relinquished", "Voluntary Relinquish Pending Board Action", "Voluntary Relinquished", "Deceased", "Unable to Verify"	LicenseVerifyStatus – see Appendix C
OtherCert					
Number	String	50	Nullable	Practitioner Other Cert Number	Text
OtherCertType	String	250	Nullable	Practitioner Other Cert Type	Text
OtherCertState	String	250	Nullable	Practitioner Other Cert State	Text
IssueDate	DateTime		Nullable	Practitioner Other Cert issue date	Date/Time
ExpirationDate	DateTime		Nullable	Practitioner Other Cert expiration date	Date/Time
Specialty					
Name	String	250	Nullable	Specialty Name	Text
TaxonomyCode	String	250	Nullable	Taxonomy Code	Text
Ranking	Enum		Nullable	Practitioner specialty ranking selected from one of the following: "Primary", "Secondary", "Tertiary", "Additional", "Other"	SpecialtyRank – see Appendix C
CertifiedFlag	Boolean		Nullable	Is practitioner board certified?	True/False
EligCertifiedFlag	Boolean		Nullable	Is practitioner eligible to be board certified?	True/False
ResultPendingFlag	Boolean		Nullable	Are board exam results pending?	True/False
AppliedFlag	Boolean		Nullable	Has the practitioner applied for board certification?	True/False
IntendApplyFlag	Boolean		Nullable	Does the practitioner intend to apply for board certification?	True/False
NoIntendReason	String	250	Nullable	Practitioner's explanation for why they will not apply for board certification	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
CertifyingBoardName	String	250	Nullable	Name of certification board for practitioner specialty	Text
BoardAddress - Specialty Board Address					
AddressLine1	String	250	Nullable	Specialty Board Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Specialty Board Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Specialty Board City	USAddress - see Appendix C
State	String	250	Nullable	Specialty Board State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Specialty Board Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Specialty Country = "US"	USAddress - see Appendix C
BoardFax	String	50	Nullable	Board fax number of practitioner	Text
BoardPhone	String	50	Nullable	Board phone number of practitioner	Text
BoardPhoneExt	String	50	Nullable	Board phone number extension of practitioner	Text
CertifiedState	String	250	Nullable	State Certified in	Text
BoardExamApplyFlag	Boolean		Nullable	Board Exam Applies Flag	True/False
BoardExamIntendFlag	Boolean		Nullable	Board Exam Intended Flag	True/False
BoardExamIntendDate	DateTime		Nullable	Board Exam Intended Date	Date/Time
BoardExamDate	DateTime		Nullable	Board Exam Date	Date/Time
FailedExamFlag	Boolean		Nullable	Practitioner failed Board Exam?	True/False
ExamFailureReason	String	250	Nullable	Reason for Exam Failure if applicable	Text
ClinicalPractice	String	250	Nullable	Practitioner's type of practice - separated with a comma. Types include: Full Time, Part Time, Locum / Temporary, Telemedicine, Other (explain)	Text
OtherInterest	String	250	Nullable	Other Interests - separated with a comma. Administration, Teaching, Research, Retired, Other (explain)	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
InitialCertDate	DateTime		Nullable	Initial Certification Date	Date/Time
CertExpirationDate	DateTime		Nullable	Certification Expiration Date	Date/Time
NoExpireFlag	Boolean		Nullable	No Expire Flag: True signifies the practitioner's board certification does not expire	True/False
RecertificationDate	DateTime		Nullable	Recertification Date	Date/Time
AdmExpirationDate	DateTime		Nullable	Admissibility Expiration Date	Date/Time
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Practitioners Board Verification Status. One of the following set values: "Valid", "Obligation", "Clear/Active", "In Renewal", "Renewed/Current", "Expired", "Delinquent", "Null and Void", "Active-Limited", "Disciplinary/Relinquished", "Voluntary Relinquish Pending Board Action", "Voluntary Relinquished", "Deceased", "Unable to Verify"	LicenseVerifyStatus – see Appendix C
CredContact - Credentialing Contact					
ContactMethod	String	250	Nullable	Method of contacting the credentialing contact	Text
FirstName	String	250	Nullable	First Name of person to contact for credentialing	Text
LastName	String	250	Nullable	Last Name of person to contact for credentialing	Text
CredContactAddress					
AddressLine1	String	250	Nullable	Address Line 1 of person to contact for credentialing	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
AddressLine2	String	250	Nullable	Address Line 2 of person to contact for credentialing	USAddress - see Appendix C
City	String	250	Nullable	City of person to contact for credentialing	USAddress - see Appendix C
State	String	250	Nullable	State of person to contact for credentialing	USAddress - see Appendix C
ZipCode	String	250	Nullable	Zip Code of person to contact for credentialing	USAddress - see Appendix C
Country	String	fixed	Required	Credentialing Contact Country = "US"	USAddress - see Appendix C
Phone	String	50	Nullable	Phone number of person to contact for credentialing	Text
PhoneExt	String	50	Nullable	Phone extension of person to contact for credentialing	Text
Mobile	String	50	Nullable	Mobile phone number of person to contact for credentialing	Text
Fax	String	50	Nullable	Fax number of person to contact for credentialing	Text
EmailAddress	String	250	Nullable	Email address of person to contact for credentialing	Email – see Appendix C
EmergencyContact					
FirstName	String	250	Nullable	First Name of person to contact for Emergency	Text
LastName	String	250	Nullable	Last Name of person to contact for Emergency	Text
Phone	String	50	Nullable	Phone number of person to contact for Emergency	Text
PracticeInfo					
PrimaryFlag	Boolean		Nullable	Is this the Practitioner's primary practice location?	True/False
EffectiveDate	DateTime		Nullable	Start date of practitioner practice	Date/Time
PracticeName	String	250	Nullable	Name of practice	Text
LocationID	String	50	Nullable	ID for practice location	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
DepartmentName	String	250	Nullable	Practice department name	Text
OrgNPI	String	50	Nullable	Type 2 NPI number for practitioner practice	Text
OfficeFax	String	50	Nullable	Office Fax number for practice	Text
OfficePhone	String	50	Nullable	Office Phone number for practice	Text
OfficePhoneExt	String	50	Nullable	Office Phone number extension for practice	Text
AppointmentPhone	String	50	Nullable	Phone number to make appointments	Text
AppointmentPhoneExt	String	50	Nullable	Phone number extension to make appointments	Text
OfficeEmailAddress	String	250	Nullable	Office Email address for practice	Email – see Appendix C
NameAffiliatedTaxID	String	250	Nullable	Name associated to practice TAX ID	Text
TaxID	String	50	Nullable	Tax ID of practice	Text
PracticeType	String	250	Nullable	Practice Type	Text
PracticeProfile	String	250	Nullable	Practice Profile	Text
W9Name	String	250	Nullable	Practice’s W9 Name	Text
TaxIDType	String	250	Nullable	Tax identifier type for practice	Text
GroupNPIEffectiveDate	DateTime		Nullable	Group NPI Effective Date	Date/Time
GroupMedicareNumber	String	50	Nullable	Group Medicare Number	Text
OpenPracticeStatus	String	250	Nullable	Open Practice Status	Text
AcceptNewPatientFlag	Boolean		Nullable	Indicator of practitioner accepting new patients	True/False
PracticeLimitFlag	Boolean		Nullable	Indicator of Practice Limits	True/False
ADAFlag	Boolean		Nullable	ADA Accessible Flag	True/False
AccessHandicap	String	250	Nullable	Type of ADA Handicap Access	Text
OtherServiceFlag	Boolean		Nullable	Other Services Offered Flag	True/False
AccessDisabled	String	250	Nullable	Other services offered for the disabled	Text
PublicTransFlag	Boolean		Nullable	Public Transportation Accessible Flag	True/False
AccessTransport	String	250	Nullable	Types of Public Transportation available	Text
PhoneCoverageFlag	Boolean		Nullable	Phone Coverage Flag	True/False
PhoneCoverageType	String	250	Nullable	Phone Coverage Type	Text
AfterHourPhone	String	50	Nullable	Exchange / Answering Service Number	Text
AfterHourPhoneExt	String	50	Nullable	Exchange / Answering Service Extension	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
GenderLimitation	String	250	Nullable	Description of limited gender accessibility	Text
AgeMinimum	String	50	Nullable	Minimum age of patients accepted by practice	Text
AgeMaximum	String	50	Nullable	Maximum age of patients accepted by practice	Text
OtherLimitation	String	2500	Nullable	Description of other limitations in practice	Text
OfficeAddress					
AddressLine1	String	250	Nullable	Practice office Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Practice office Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Practice office City	USAddress - see Appendix C
State	String	250	Nullable	Practice office State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Practice office Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Practice office Country = "US"	USAddress - see Appendix C
MailingAddress					
AddressLine1	String	250	Nullable	Practice mailing Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Practice mailing Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Practice mailing City	USAddress - see Appendix C
State	String	250	Nullable	Practice mailing State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Practice mailing Zip Code	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
Country	String	fixed	Required	Practice mailing Country = "US"	USAddress - see Appendix C
PracticeSetting	String	250	Nullable	Practice type	Text
UniqueCircumstances	String	2500	Nullable	Unique Circumstances (unique circumstances concerning your practice locations or the method by which you render healthcare services)	Text
OfficeManager					
FirstName	String	250	Nullable	Office manager first name	Text
LastName	String	250	Nullable	Office manager last name	Text
OfficeManagerAddress					
AddressLine1	String	250	Nullable	Office manager Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Office manager Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Office manager City	USAddress - see Appendix C
State	String	250	Nullable	Office manager State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Office manager Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Office manager Country = "US"	USAddress - see Appendix C
Phone	String	50	Nullable	Office manager phone number	Text
Mobile	String	50	Nullable	Office manager Mobile number	Text
Fax	String	50	Nullable	Office manager Fax	Text
EmailAddress	String	250	Nullable	Office manager email address	Email – see Appendix C
BillingContact					
FirstName	String	250	Nullable	Billing Contact First Name	Text
LastName	String	250	Nullable	Billing Contact Last Name	Text
ContactMethod	String	250	Nullable	Billing Contact Method of contact	Text
BillingContactAddress - Billing Contact Mailing Address					

Data Element Name	Type	Length	Nullability	Data Definition	Values
AddressLine1	String	250	Nullable	Billing Contact Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Billing Contact Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Billing Contact City	USAddress - see Appendix C
State	String	250	Nullable	Billing Contact State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Billing Contact Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Billing Contact Country = "US"	USAddress - see Appendix C
Phone	String	50	Nullable	Billing manager Phone number	Text
Mobile	String	50	Nullable	Billing manager Mobile number	Text
Fax	String	50	Nullable	Billing manager Fax number	Text
EmailAddress	String	250	Nullable	Billing manager email address	Email – see Appendix C
EbillFlag	Boolean		Nullable	Does the billing agency accept electronic billing?	True/False
CheckPayableTo	String	250	Nullable	Name to make check payable to	Text
RemitContact					
FirstName	String	250	Nullable	Remit Contact First Name	Text
LastName	String	250	Nullable	Remit Contact Last Name	Text
ContactMethod	String	250	Nullable	Remit Contact Method of contact	Text
RemitContactAddress - Remit Contact Mailing Address					
AddressLine1	String	250	Nullable	Remit Contact Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Remit Contact Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Remit Contact City	USAddress - see Appendix C
State	String	250	Nullable	Remit Contact State	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
ZipCode	String	250	Nullable	Remit Contact Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Remit Contact Country = "US"	USAddress - see Appendix C
Phone	String	50	Nullable	Remit Contact Phone number	Text
Mobile	String	50	Nullable	Remit Contact Mobile Phone number	Text
Fax	String	50	Nullable	Remit Contact Fax number	Text
EmailAddress	String	250	Nullable	Remit Contact email address	Email – see Appendix C
OfficeHours					
DayofWeek	Enum		Nullable	Days in the week practice is open. One of the following values: "Monday", "Tuesday", "Wednesday", "Thursday", "Friday"	DayofWeek – see Appendix C
Hours	String	250	Nullable	Hours practice office is open	Text
CoveringPhysician					
FirstName	String	250	Nullable	First name of practitioner	Text
LastName	String	250	Nullable	Last name of practitioner	Text
MiddleName	String	250	Nullable	Middle name of practitioner	Text
Degree	String	250	Nullable	Degree or title practitioner possesses	Text
Specialty	String	250	Nullable	Covering Physician Specialty	Text
TaxonomyCode	String	250	Nullable	Taxonomy Code	Text
MailingAddress - Covering Physician Mailing Address					
AddressLine1	String	250	Nullable	Covering Physician Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Covering Physician Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Covering Physician City	USAddress - see Appendix C
State	String	250	Nullable	Covering Physician State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Covering Physician Zip Code	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
Country	String	fixed	Required	Covering Physician Country = "US"	USAddress - see Appendix C
NPINumber	String	50	Nullable	NPI Number	Text
LicenseState	String	250	Nullable	License State	Text
PrimaryLicenseNo	String	50	Nullable	Primary License Number	Text
LicenseType	String	250	Nullable	Type of license	Text
Phone	String	50	Nullable	Covering Physician phone number	Text
Fax	String	50	Nullable	Fax number for Covering Physician	Text
PhoneExt	String	50	Nullable	Phone extension for Covering Physician	Text
EmailAddress	String	250	Nullable	Email address of Covering Physician	Email – see Appendix C
CoverageArrangement	String	250	Nullable	Description of Coverage Arrangement	Text
LanguageSpoken					
LanguageCode	String	2	Nullable	Language spoken by the practice or practice member	Languagecode – see Appendix C
Description	String	250	Nullable	Description of language spoken by the practice or practice member	Text
LanguageWritten					
LanguageCode	String	2	Nullable	Language written by the practice or practice member	Languagecode – see Appendix C
Description	String	250	Nullable	Description of language written by the practice or practice member	Text
LanguageInterpret					
LanguageCode	String	2	Nullable	Language interpreted by practice member	Languagecode – see Appendix C
Description	String	250	Nullable	Description of language interpreted by practice member	Text
Education					
SchoolType	Enum		Nullable	One of a set of values to designate the school type: "Undergraduate", "Graduate", "Professional"	SchoolType – see Appendix C
EducationType	String	250	Nullable	Graduation status of practitioner	Text
GraduateType	String	250	Nullable	Graduate Type	Text
SchoolLocation	String	250	Nullable	School Location	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
SchoolCountry	String	250	Nullable	Country of school if not US	Text
SchoolName	String	250	Nullable	Name of institution practitioner received education	Text
Major	String	250	Nullable	Practitioner's Major	Text
Degree	String	250	Nullable	Degree practitioner received from institution	Text
StartDate	DateTime		Nullable	Start date of education	Date/Time
GraduationDate	DateTime		Nullable	Graduation date of practitioner	Date/Time
CompletionFlag	Boolean		Nullable	Was the degree/program completed?	True/False
ReasonForIncomplete	String	250	Nullable	Explanation if degree/program was not completed.	Text
ProgramName	String	250	Nullable	Name of program practitioner studied	Text
FacultyDirectorFirstName	String	250	Nullable	Education Program Director's First Name	Text
FacultyDirectorLastName	String	250	Nullable	Education Program Director's Last Name	Text
MailingAddress - School Mailing Address					
AddressLine1	String	250	Nullable	School Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	School Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	School City	USAddress - see Appendix C
State	String	250	Nullable	School State	USAddress - see Appendix C
ZipCode	String	250	Nullable	School Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	School Country = "US"	USAddress - see Appendix C
SchoolPhone	String	50	Nullable	Phone number of School	Text
SchoolPhoneExt	String	50	Nullable	Phone number Ext of School	Text
SchoolFax	String	50	Nullable	Fax number of School	Text
Specialization	String	250	Nullable	School Specialization	Text
DirectorDegree	String	250	Nullable	Degree of School Director	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False

Data Element Name	Type	Length	Nullability	Data Definition	Values
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Education Verification Status. One of the following set values: "Not Completed", "No Record Found", "Not Verified (Institution Closed)", "Unable to Verify", "Completed", "Active"	EduVerifyStatus – see Appendix C
ContinuedMedEdu - Continued Medical Education					
ContinuedMedEduType	Enum		Nullable	One of the following values: "Medical School", "Graduate School"	ContinuedMedEduType – see Appendix C
ProgramName	String	250	Nullable	Name of School Program	Text
AttendDate	DateTime		Nullable	Date School was attended	Date/Time
Hours	Integer	32-bits	Nullable	Hours school attended	-2,147,483,648 to 2,147,483,647
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Continued Medical Education Verification Status. One of the following set values: "Not Completed", "No Record Found", "Not Verified (Institution Closed)", "Unable to Verify", "Completed Active"	EduVerifyStatus – see Appendix C
Training					
TrainingType	Enum		Nullable	One of the following set values: "Internship", "Residency", "Fellowship", "Preceptorship"	TrainingType – see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
InstitutionName	String	250	Nullable	Name of institution where training was received by practitioner	Text
CourseofStudy	String	250	Nullable	Course of training received	Text
CompletionFlag	Boolean		Nullable	Indicator of graduation from training	True/False
ReasonForIncomplete	String	2500	Nullable	Description of reason for incomplete training	Text
Phone	String	50	Nullable	Institution phone number	Text
Fax	String	50	Nullable	Institution fax number	Text
Email	String	50	Nullable	Email for training institution	Email – see Appendix C
StartDate	DateTime		Nullable	Start date of training program	Date/Time
EndDate	DateTime		Nullable	End date of training program	Date/Time
ProgramName	String	250	Nullable	Name of Training Program	Text
ProgramLocation	String	250	Nullable	Location of Training Program	Text
Specialty	String	250	Nullable	Training Specialty	Text
TaxonomyCode	String	250	Nullable	Taxonomy Code	Text
ProgramDirectorFirstName	String	250	Nullable	First Name of Program Director	Text
ProgramDirectorLastName	String	250	Nullable	Last Name of Program Director	Text
DirectorDegree	String	250	Nullable	Degree of Training Director	Text
DirectorEmail	String	250	Nullable	Director’s Email	Text
MailingAddress - Training Address					
AddressLine1	String	250	Nullable	Training Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Training Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Training City	USAddress - see Appendix C
State	String	250	Nullable	Training State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Training Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Training Country = “US”	USAddress - see Appendix C
AffUniversityLocation	String	250	Nullable	Affiliated University Location	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
AffUniversityProgram	String	250	Nullable	Affiliated University Program	Text
AffUniversityAddress - Affiliated University Address					
AddressLine1	String	250	Nullable	Affiliated University Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Affiliated University Line 2	USAddress - see Appendix C
City	String	250	Nullable	Affiliated University City	USAddress - see Appendix C
State	String	250	Nullable	Affiliated University State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Affiliated University Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Affiliated University Country = "US"	USAddress - see Appendix C
AffUniversityPhone	String	50	Nullable	Phone number of University	Text
AffUniversityPhoneExt	String	50	Nullable	Phone number Ext of University	Text
AffUniversityFax	String	50	Nullable	Fax number of University	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Training Verification Status. One of the following set values: "Not Completed", "No Record Found", "Completed", "Unable to Verify", "Unable to Verify", "Not Verified (Institution Closed)", "Not "N/A", "Active"	Training VerifyStatus – see Appendix C
HospitalAffiliation					
HospitalName	String	250	Nullable	Name of hospital practitioner is affiliated with	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
Department	String	250	Nullable	Name of department in hospital practitioner is affiliated with	Text
Phone	String	50	Nullable	Hospital phone number	Text
Fax	String	50	Nullable	Hospital fax number	Text
PrivilegesStatus	Enum		Enum	One of the following set values specifying the practitioner's affiliation status: "Active", "Adjunctive", "Admitting", "Affiliate", "Associate", "Attending", "Co-Admissions", "Consulting-Admitting", "Emeritus", "Pending", "Senior", "Staff", "Non-admitting", "Provisional", "Courtesy", "Temporary-Admitting"	HospAffiliationStatus – see Appendix C
AppointmentDate	DateTime		Nullable	Date practitioner began affiliation	Date/Time
ExpirationDate	DateTime		Nullable	Date affiliation expired	Date/Time
AppSubmittedDate	DateTime		Nullable	Date application submitted	Date/Time
AdmittingArrangementFlag	Boolean		Nullable	Indicator that practitioner has admitting arrangement	True/False
AdmittingPhysName	String	250	Nullable	Name of admitting physician	Text
AdmittingPhysHospital	String	250	Nullable	Name of hospital associated to admitting physician	Text
MailingAddress - Hospital Mailing Address					
AddressLine1	String	250	Nullable	Hospital Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Hospital Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Hospital City	USAddress - see Appendix C
State	String	250	Nullable	Hospital State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Hospital Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Hospital Country = "US"	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
DivisionName	String	250	Nullable	Name of Hospital Division	Text
DivisionDirectorFirstName	String	250	Nullable	Division Director First Name	Text
DivisionDirectorLastName	String	250	Nullable	Division Director Last Name	Text
UnrestrictedPrivilegesFlag	Boolean		Nullable	Unrestricted Privileges Flag	True/False
TemporaryPrivilegesFlag	Boolean		Nullable	Temporary Privileges Flag	True/False
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	Hospital affiliation verification status for practitioner	Text
WorkHistory					
EmployerName	String	250	Nullable	Name of Practitioner's former or current employer	Text
ContactFirstName	String	250	Nullable	First Name of employer contact	Text
ContactLastName	String	250	Nullable	Last Name of employer contact	Text
Email	String	250	Nullable	Email address of former or current employer	Text
Phone	String	50	Nullable	Phone number of former or current employer	Text
PhoneExt	String	50	Nullable	Phone extension of former or current employer	Text
Fax	String	50	Nullable	Fax number of former or current employer	Text
MailingAddress - Former or Current Employer Mailing Address					
AddressLine1	String	250	Nullable	Employer Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Employer Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Employer City	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
State	String	250	Nullable	Employer State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Employer Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Employer Country = "US"	USAddress - see Appendix C
ContactMethod	String	250	Nullable	Contact Method of former or current employer	Text
PositionHeld	String	250	Nullable	Name of Position in held in employment	Text
FromDate	DateTime		Nullable	Start date of the work history	Date/Time
ToDate	DateTime		Nullable	End date for employment. If null, practitioner is presently employed there	Date/Time
ReasonForLeaving	String	250	Nullable	Reason for leaving former employer	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	Work history verification status for practitioner	Text
WorkHistoryGap					
FromDate	DateTime		Nullable	Start date of the work history gap	Date/Time
ToDate	DateTime		Nullable	End date for work history gap. If it is null, practitioner is currently in a work history gap	Date/Time
GapReason	String	2500	Nullable	Reason for the work history gap	Text
GapExplanation	String	2500	Nullable	Explanation of the work history gap	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	Work history gap verification status for practitioner	Text
PeerReference					
FirstName	String	250	Nullable	First name of peer reference for practitioner	Text
LastName	String	250	Nullable	Last name of peer reference for practitioner	Text
MiddleName	String	250	Nullable	Middle name of peer reference for practitioner	Text
Suffix	String	250	Nullable	Suffix of peer reference for practitioner	Text
ContactMethod	String	250	Nullable	Contact Method of peer reference for practitioner	Text
Relationship	String	250	Nullable	Relationship of peer reference for practitioner	Text
Specialty	String	250	Nullable	Specialty of peer reference for practitioner	Text
TaxonomyCode	String	250	Nullable	Taxonomy code of peer reference for practitioner	Text
Phone	String	50	Nullable	Phone number of peer reference for practitioner	Text
PhoneExt	String	50	Nullable	Phone extension of peer reference for practitioner	Text
Fax	String	50	Nullable	Fax number of peer reference for practitioner	Text
Mobile	String	50	Nullable	Mobile number of peer reference for practitioner	Text
EmailAddress	String	250	Nullable	Email address of peer reference for practitioner	Text
MailingAddress - Peer Reference Mailing Address					
AddressLine1	String	250	Nullable	Peer Address Line 1	USAddress - see Appendix C

Data Element Name	Type	Length	Nullability	Data Definition	Values
AddressLine2	String	250	Nullable	Peer Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Peer City	USAddress - see Appendix C
State	String	250	Nullable	Peer State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Peer Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Peer Country = "US"	USAddress - see Appendix C
ProLiability - Professional Liability					
CarrierName	String	250	Nullable	Professional liability insurance carrier name for practitioner	Text
PolicyNumber	String	250	Nullable	Professional liability insurance policy number for practitioner	Text
Phone	String	50	Nullable	Professional liability insurance carrier phone number	Text
Fax	String	50	Nullable	Professional liability insurance carrier fax number	Text
Email	String	250	Nullable	Professional liability insurance carrier Email address	Text
PerClaimCoverage	String	250	Nullable	Professional liability insurance per claim coverage amount for practitioner	Text
AggregateCoverage	String	250	Nullable	Professional liability insurance aggregate coverage amount for practitioner	Text
EffectiveDate	DateTime		Nullable	Professional liability insurance beginning date of coverage for practitioner	Date/Time
ExpirationDate	DateTime		Nullable	Professional liability insurance expiration date of coverage for practitioner	Date/Time
ClaimsHistoryFlag	Boolean		Nullable	Indicator of claim or claims made by practitioner to their professional liability insurance	True/False
ClaimOccurDate	DateTime		Nullable	Date event occurred	Date/Time

Data Element Name	Type	Length	Nullability	Data Definition	Values
ClaimFiledDate	DateTime		Nullable	Date Claim was filed	Date/Time
ClaimCurrentStatus	String	250	Nullable	The current status of the claim	Text
ClaimProviderAmount	String	250	Nullable	The dollar amount request of the claim by the practitioner	Text
ClaimSettledDate	DateTime		Nullable	Date Claim was settled	Date/Time
AllegationsDesc	String	250	Nullable	Description of allegation	Text
PrimaryDefendantFlag	Boolean		Nullable	Was practitioner a primary defendant?	True/False
ClaimRole	String	250	Nullable	The role of the practitioner in the claim	Text
SpecificResponsibility	String	250	Nullable	The specific responsibility of the practitioner in relation to the claim	Text
ClinicalDetails	String	250	Nullable	The clinical details of the claim	Text
PatientOutcome	String	250	Nullable	The outcome of the patient in the claim	Text
MailingAddress - Liability Insurance Carrier Mailing Address					
AddressLine1	String	250	Nullable	Liability insurance Address Line 1	USAddress - see Appendix C
AddressLine2	String	250	Nullable	Liability insurance Address Line 2	USAddress - see Appendix C
City	String	250	Nullable	Liability insurance City	USAddress - see Appendix C
State	String	250	Nullable	Liability insurance State	USAddress - see Appendix C
ZipCode	String	250	Nullable	Liability insurance Zip Code	USAddress - see Appendix C
Country	String	fixed	Required	Liability insurance Country = "US"	USAddress - see Appendix C
SelfInsuredFlag	Boolean		Nullable	Indicator of being Self Insured	True/False
SelfInsuredPolicyName	String	250	Nullable	Name of Self Insured Policy	Text
ContactEmail	String	50	Nullable	Self Insured Policy Contact Email	Email – see Appendix C
RetroactiveDate	DateTime		Nullable	Retroactive Date of policy	Date/Time
UnlimitedPerFlag	Boolean		Nullable	Indicator of Unlimited Per coverage	True/False
UnlimitedCoverageFlag	Boolean		Nullable	Indicator of Unlimited Coverage	True/False
NoExpireFlag	Boolean		Nullable	Indicator of No policy Expiration Date	True/False
PolicyType	String	250	Nullable	Policy Type	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
CoverageType	String	250	Nullable	Coverage Type	Text
PolicyHolder	String	250	Nullable	Policy Holder	Text
SettleMethod	String	250	Nullable	Settlement Method	Text
DefendantCount	String	250	Nullable	Defendant Count	Text
CaseInvolvement	String	250	Nullable	Case Involvement	Text
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag	True/False
VerifiedSource	String	250	Nullable	Verification source	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	Enum		Nullable	Professional Liability Verification Status. One of the following values: "No Record Found", "Uninsured", "Self-insured", "Unable to Verify", "Expired", "Current"	InsureVerifyStatus – see Appendix C
<i>EPLS/SAM</i>					
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag for EPLS/SAM	True/False
VerifiedSource	String	250	Nullable	Verification source for EPLS/SAM	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	EPLS verification status for practitioner	Text
<i>NPDB (Not currently in use.)</i>					
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag for NPDB	True/False
VerifiedSource	String	250	Nullable	Verification source for NPDB	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	NPDB verification status for practitioner	Text

Data Element Name	Type	Length	Nullability	Data Definition	Values
<i>Sanction</i>					
VerifiedFlag	Boolean		Nullable	Primary source verified (PSV) Flag for Sanction	True/False
VerifiedSource	String	250	Nullable	Verification source for Sanction	Text
SourceDate	DateTime		Nullable	Source update date	Date/Time
VerifiedFinding	String	250	Nullable	PSV Finding	Text
VerifiedComments	String	2500	Nullable	PSV Comments	Text
VerifiedDate	DateTime		Nullable	Date verified	Date/Time
VerificationStatus	String	250	Nullable	Sanction verification status for practitioner	Text
<i>Disclosure</i>					
ID	Enum		Nullable	One of the following values: "001", "OR A", "OR B", "OR C", "OR D", "OR E", "OR F", "OR G", "OR H", "OR I", "OR J", "OR K", "OR L", "OR M", "OR N", "OR O"	ORDisclosureID – see Appendix C
Response	Boolean		Nullable	Indicator of response to disclosure questions	True/False
Detail	String	250	Nullable	Details of response to question	Text
Session Data					
ClientSpecificNo	String	50	Nullable	Unique identifier from the client for the practitioner	Text
PSID	String	50	Not Null	ID of practitioner in ProviderSource	Text
NPI	String	50	Nullable	National Provider ID number as provided by NPPES	Text
Attest_Status	String	250	Nullable	Status as indicated by Last Attested Date	Text
Last_Attest_Date	DateTime		Nullable	Last Attested Date	Date/Time
Transaction_ID	String	50	Not Null	ID attached to current transaction request	Text
BatchID	String	50	Not Null	Batch identification based on date of extract request	Text
ExtractDateTime	DateTime		Not Null	Date extract requested	Date/Time
TotalRecordCount	Integer	32-bits	Not Null	Count of records to be extracted	-2,147,483,648 to 2,147,483,647

Data Element Name	Type	Length	Nullability	Data Definition	Values
RequestOrgID	String	50	Not Null	ID of organization requesting extract	Text
RequestOrgName	String	250	Nullable	Name of organization requesting extract	Text
ExtractType	Enum		Not Null	One of the following values: "OPA", "OPAEPSV", "WPA", "WPAEPSV", "NCQA", "JCAHO", "CUST"	ExtractType – see Appendix C

Appendix E: CO SFTP Form

CO Secure File Transfer Protocol PROFILE REQUIREMENTS DOCUMENT

Please complete the form below and email it to SFTPConfiguration@Medversant.com in order to receive practitioner attested and PSV credentialing data from the Oregon Common Credentialing Program via Secure File Transfer Protocol (SFTP). Login credentials, access to a protected subdirectory on your SFTP server, and a technical point of contact is required to configure this interface.

Requirements for connecting to the CO SFTP profile:

Category	Notes / Recommendation
1. CO Name:	
2. Host:	We will whitelist your external IP on our side.
3. Protocol:	SFTP – SSH File Transfer Protocol
4. Port:	22
5. Logon Type:	Normal
6. Username:	Provided by CO
7. Password:	Provided by CO
8. External IP: 38.102.244.2 (Medversant is requesting that this be whitelisted on your server)	
9. Folder name:	Provided by CO
10. Subfolder names:	Optional
11. Medversant Technical Contact Information	Name: Joel Capps Contact Email: joel.capps@medversant.com Contact Phone: 213-408-8819
12. CO Technical Contact Information	Name: _____ Contact Email: _____ Contact Phone: _____
13. Additional Information:	Optional