



Dentrix Enterprise:

UDS Reporting Interface

Integration Package

athenahealth, Inc.

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1 Product Overview

## Interface Overview

This UDS Reporting Interface Service provides support for one way outbound patient registration and demographic information from athenaNet into Dentrix and for one way inbound charge information (claims) from Dentrix back into athenaNet. The goal of this athenaNet-Dentrix integration is to provide an integrated UDS report offering that contains both medical and dental data. This document outlines the technical interface scope of the integration between athenaNet and Dentrix Enterprise. For questions on the UDS Report, please consult [athenaNet O-Help](https://athenanet.athenahealth.com/432/7/Ohelp/Content/Features/UDS_Reports_A.htm) or athenahealth’s [FQHC Resource Center](https://community.athenahealth.com/community/resource-center/fqhc).

## Interface Design

|  |
| --- |
| **Technical Overview** |
| Interface Type and Purpose  | UDS Reporting: Outbound demographics and inbound charges* Outbound patient demographic messages keep patient demographics in sync between athenaNet and Dentrix Enterprise
* Inbound charge messages are utilized solely for providing dental procedure information for UDS Reporting purposes (no dental billing occurs in athenaNet)
 |
| Schematic | **athenaNet**ADT (w/ patient ID)**Dentrix Enterprise**DFT (w/ patient ID) |
| Format | HL7, including ADT and DFT message types |
| Data Transfer Direction | 🡺 Outbound from athenaNet to Dentrix for patient demographics🡸 Inbound from Dentrix for charge messages |
| Frequency of Data Transfer | 🡺 Real time outbound messages to Dentrix🡸 Inbound real time charge messages to athenaNet |
| Workflow Overview | Practice* New patients are registered in athenaNet with medical insurance. When the patient is seen in the dental department, the dental insurance must be added to the patient’s file in Dentrix. All dental workflow (i.e. scheduling, clinical documentation, claim creation, etc.) will be completed in Dentrix.
* All demographic updates to patients must be done in athena. This will ensure the two systems are in sync.

Interface* Demographic information flows from athena to Dentrix. Athena is the source of truth for all patient demographic information.
* Charge information flows from Dentrix to athena. Dental claims are stored in athena for reporting purposes only. We implement the following safeguards: (1) Dental claims are created with a $0 charge and immediately closed, (2) Dental claims are created with a move to HOLD generic dental insurance package, and (3) Dental claims are created in dental departments with dental providers to be kept distinct from medical claims.
 |
| HL7 Outbound Message Types | Message Type | Event Trigger |
| A28 | Add Patient |
| A31 | Update Patient |
| HL7 Inbound Message Types | Message Type | Event Trigger |
| P03 | Charges |
| Options | Optional outbound filtering available (default is send all patients) |
| Restrictions | * Unsolicited charges (without athenaNet IDs) are not supported
* All charges are final and may not be modified or cancelled once sent to athenaNet
* Non-HL7 formats and client requested modifications which deviate substantially from what the interface is designed to do will require custom scoping and may incur additional fees
 |

* 1. Scope Approval

I,      , agree to the interface design as described here in this document.

1. Contacts

Please fill the following to the best of your ability. While not all contacts are required, you should be able to submit at least two contacts at the onset of a new interface project.

|  |  |  |
| --- | --- | --- |
| General Information |  |  |
| System’s Marketing Name (if applicable) | Dentrix |
| Vendor(If applicable, third party data exchange vendor) | Company Name: (ex. athenahealth, Inc.) | Henry Schein |
| Software Product Name: (ex. athenaNet) | Dentrix Enterprise |
| Version: (ex. 14.9) |       |
| Interface Engine: (ex. athenaNet MX Engine) | N/A |
| Trading Partner Name | Henry Schein  |
| Trading Partner Type (ex. Health Information System, EHR, etc.) | Dental EHR  |
| athenahealth Practice Context ID |       |
| athenahealth Interface Project Manager (PM) |       |
| Interface PM Contact Information |        |
| Event Number (provided by Interface PM, for internal athenahealth tracking) |       |

|  |  |  |
| --- | --- | --- |
| Contact | Role | Details |
| Project Business Contact | Responsible for overall success of the project | Name:  |       |
| Phone:  |       |
| Email:  |       |
| Project Interface Contact | Interface expert, responsible for continuing interface support | Name:  |       |
| Phone:  |       |
| Email:  |       |
| Project IT Contact | Networking and security expert, responsible for overall connectivity | Name:  |       |
| Phone:  |       |
| Email:  |       |
| Dentrix Contact #1 | Role: Project Manager | Name:  |       |
| Phone:  |       |
| Email:  |       |
| Dentrix Contact #2 | Role: HL7 Engineer | Name:  |       |
| Phone:  |       |
| Email:  |       |

1. General Interface Configuration
	1. Backfills and Imports
		1. Backfills via the Interface

An additional offering is for athenaNet to send a full load of all patients to the other systems just as the interface is first enabled.

Does this project require a backfill?  Complicated backfills may incur additional cost

Additional comments:

**BACKFILL PLANNING:** athena will work closely with Dentrix to determine whether or not a backfill is required. Typically a backfill of patient demographics is required to populate athena patient IDs into Dentrix.

* + 1. Data Imports and Interfaces

Separate from any interface projects, a one-time file import of data may be required. These data imports are separate projects with different athenahealth Project Managers. Even though these projects are separate, the data they import may interact with the interface, so it is important to be aware of any Data Import projects.

Do you have other active or upcoming data import projects with athenahealth? If so, please describe here:

|  |  |
| --- | --- |
| Project Name or Description | athenahealth PM |
|       |       |
|       |       |
|       |       |

**IMPORT PLANNING:** Typically an import is only required to populate athenaNet with dental patient demographics.

1. Outbound Message Configuration
	1. Message Filtering and Control
		1. Selective Filtering of Outbound Messages

Select yes if you wish to apply any type of filtering to the outbound messages.

Should messages be filtered outbound (Y/N)?  No is recommended, where the interface will send all configured messages

|  |  |  |
| --- | --- | --- |
| Message Type | Filter Group | Filter By (Names) |
| Patients |  |        |

1. Connectivity Method Options

As part of interface implementation, athenahealth will need to establish a secure method of transfer for electronic data to and from a third party system. The most common options are described in this section. For questions, please contact your Interface Project Manager.

Connectivity method choice and details will be collected in the Connectivity Worksheet:
<http://www.athenahealth.com/_doc/interfaces/Standardized_Connectivity_Worksheet.pdf>
<http://www.athenahealth.com/_doc/interfaces/Interface_Connectivity_Worksheet.pdf>

**Connectivity:** [ ]  athenaLightning [ ]  VPN

* 1. athenaLightning

 Recommended connectivity solution

athenaLightning is a program that can be downloaded and installed inside of a third-party network. It opens an SSL tunnel out to athenahealth and supports file-based data transfers to and from other applications running inside the client-network.

* 1. Establishing a VPN

  VPN connections may incur additional cost

athenahealth network operations staff can work to establish a point-to-point VPN tunnel (sometimes referred to as site-to-site) between two networks as needed. Once the VPN is in place we can perform file based transfers through plain FTP or run an HL7-receiver / HL7-sender (MLLP TCP/IP socket based transfers). Coordination of VPN staff on both the athenahealth and remote side will add additional time to the project.

* + 1. HL7 Messaging Through VPN

Another way of sending or receiving data through a VPN is via MLLP TCP/IP socket based connections. This is accomplished by running an HL7-sender on one end of the tunnel and an HL7-listener on the other end. The source system always runs the “sender” while the receiving (consuming) system always runs the “listener.”