

## **AudBase Customized Interface**

### **Customized Inbound Interface**

#### ***Scope of Work to Include:***

AudBase will need to create a work list consisting of the clinic patients for the day. Data for the work list will be extracted from standard ADT messages (HL7 orders) consisting of A01, A04, A08 and A34 events as appropriate. The expected number of ADT messages which will be handled will be in the range of 1 to 250 orders per day. Basic communications and work list creation as follows:

- AudBase will establish a TCP/IP connection (+/- SSL) with ADT messaging system
- TCP/IP connection to be kept alive indefinitely or to be closed/reopened on a schedule to be specified by customer
- Standard HL7 acknowledgment protocols to be followed when downloading events
- Creation of local clinic work list to include patients for the day
- Local clinic work list has to accommodate patients added throughout the day of service in addition to scheduled patients

### **Customized Outbound Interface**

#### ***Scope of Work to Include:***

AudBase will need to upload individual documents to the customers system. For each audiology encounter two documents can be created: a text document and an image based document in PDF or TIFF format. Basic communications and document creation scheme as follows:

- AudBase will establish a TCP/IP connection
- TCP/IP connection to be kept alive during document transfer and closed after transaction is completed. Since two documents may be involved, customer must specify whether the same TCP/IP connection is used for both or if a second connection must be made to accommodate changes in IP address or port number
- Standard HL7 acknowledgement protocols to be followed when uploading documents
- The T02 event (original document notification and content) is the only event to be used

***Both interfaces will be implemented using HL7 version 2.3 specifications  
(unless otherwise required)***