



ELR Translation Tool for Mirth Deployment Approach Document

Version 1.1

1/25/2012

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
0.1	M. Trebatoski	11/21/2011			Initial Draft of Document
0.2	M. Trebatoski	11/21/2011			Revisions per T. Brinks
1.0	M. Trebatoski	12/02/2011			Final Document
1.1	M. Trebatoski / P. Dejong	01/25/2012	G. Kesarinath	01/31/2012	Revisions based on new deployment strategies

1 ELR TRANSLATOR TOOL FOR MIRTH – DEPLOYMENT APPROACH REQUIREMENTS

1.1 DESCRIPTION OF DEPLOYMENT REQUIREMENTS

The following software distribution approach has been developed based on the ELR Mirth Translation Requirements document, Version 1.0 dated October 12, 2011 and the ELR Translation Package Distribution Requirements document dated October 31, 2011.

Deployment Requirement	DESCRIPTION	Assign To
Mirth-001	The Public Health Information eXchange (PHIX) community portal web site will contain links that will allow authorized users to access the “ELR Translator Tool for Mirth” software in order to install the software. This software will be supported within the portal by Apache Subversion, which is distributed under an open source license. Subversion supports software versioning and revision control in order to maintain current and historical versions of files such as source and binary code, web pages, and installation and support documentation within the Code Repository.	
Mirth-002	SAIC will provide a software link for the ELR Translator Source and Distribution code. In addition, documentation and code files needed to complete the installation of the “ELR Translator Tool for Mirth” solution will be available as part of the distribution file. The following items will be included; <ol style="list-style-type: none">1. “ELR Translator Tool for Mirth” Link for source/Distribution code Within the distribution package, the following documentation:<ul style="list-style-type: none">▪ Message Workbench HL7 Conformance Profiles▪ Custom Mirth Channels – ELR Translator▪ Installation Guide for “ELR Translator Tool for Mirth”▪ Release Notes for “ELR Translator Tool for Mirth”▪ Preliminary Design Document for ELR Translator Tool▪ ELR Test Messages	
Mirth-003	Installation and configuration requirements of the third-party software necessary for system operation will be covered in the “ELR Translator Tool for Mirth Installation Guide.” However, it will need to be downloaded separately from the Translator installation process so as not to violate licensing issues related to software re-packaging. This third-party software will include the following: Mirth Connect, JBoss AS, Java JRE, PostgreSQL, and hMailServer.	
Mirth-004	Licensing and user access/authorization requirements to obtain and install the ELR Translator Tool for Mirth will be defined and supported by the OSELS/PHIN teams.	
Mirth-005	Services required to host the documentation and products which are included as part of the ELR Translator Tool for Mirth distribution package are the responsibility of the OSELS/PHIN team once the product is available for deployment. SAIC will be responsible for maintaining software versioning and revision control of the solution as part of the contract period-of-performance.	