

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance  
Subcontract No. 20X048F  
Option Year 2**

**September 2022**  
August 1 – August 31, 2022

**Submitted by:**

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**Date:**  
**September 9 2022**

# Contents

- Monthly Technical Status Report..... 1
- A. Technical Overview ..... 3
- B. New Releases of the Software ..... 4
- C. Presentations, Documentation Updates, Community Communication ..... 4
- D. Outstanding Issues Being Actively Worked ..... 4
- E. Critical Risks or External Dependencies ..... 4
- F. Status of Deliverables/Milestones Overview..... 4
- G. Status of Deliverables ..... 5
- H. Description of Work/Activities Planned for the next Month ..... 8
- I. Additional Reporting ..... 8

## A. Technical Overview

Sprint 191 (14/Jul/22-05/Aug/22) has been completed. Work was completed on Query Mechanisms and the associated Unit Tests. CTS2-Framework is complete and LexEVS Service work was started

Sprint 192 (05/Aug/22-18/Aug/22) Work was completed on LexEVS Service update and work was begun on updating unit tests and deployment scripts. Work was begun on updating browser libraries to be compatible with the updated LexEVS service.

Sprint 193 (18/Aug/22-31/Aug/22) Work was started and completed on updating LexEVSSecurity.jar and updating browser libraries. Also completed was the coding of updated unit tests for CTS2 and local LexEVS service. Work was begun on updating EVS Report Exporter to use Vue3 and new deployment scripts of CTS2.

We also provided continued product maintenance and deployment support across all sprints.

Please see the weekly meeting notes for details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+20X048F+Weekly+Meeting+Minutes>

Issues Resolved Over the Covered Period:

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 191	<a href="#">CTS2FW-147</a>	Continued from Sprint 190
Sprint 191	<a href="#">LEXEVSCTS2-426</a>	Continued from Sprint 190
Sprint 191	<a href="#">LEXEVS-5285</a>	Continued from Spring 190
Sprint 191	<a href="#">LEXEVS-5288</a>	Onboarding new Staff Member
Sprint 191	<a href="#">LEXEVS-5289</a>	Admin: Provide continued Administration Support
Sprint 191	<a href="#">LEXEVS-5290</a>	Admin: Provide continued Product Support
Sprint 192	<a href="#">LEXEVS-5289</a>	Continued from Sprint 191
Sprint 192	<a href="#">LEXEVS-5290</a>	Continued from Sprint 191
Sprint 192	<a href="#">LEXEVSCTS2-426</a>	Continued from Sprint 191
Sprint 192	<a href="#">LEXEVS-5288</a>	Continued from Sprint 191
Sprint 192	<a href="#">LEXEVSCTS-428</a>	Testing and recoding
Sprint 193	<a href="#">LEXEVS-5288</a>	Continued from Sprint 192
Sprint 193	<a href="#">LEXEVS-5293</a>	LexEVSSecurity.jar Update

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 193	<a href="#">LEXEVS-5294</a>	Update Browser libraries
Sprint 193	<a href="#">LEXEVS-5295</a>	Admin: Provide continued Administration Support
Sprint 193	<a href="#">LEXEVS-5296</a>	Admin: Provide continued Product Support
Sprint 193	<a href="#">LEXEVS-5298</a>	Update Tests for Local LexEVS
Sprint 193	<a href="#">LEXEVCTS2-428</a>	Continued from Sprint 192

## **B. New Releases of the Software**

<b>Release</b>	<b>Description of the Release</b>
Lexevsapi-v6.5.6.RC4	Release candidate for Spring 5.x version of the LexEVS API
LexEVSSecurity.jar-6.5.6.RC1	Release candidate for Spring 5.x version of security jar

## **C. Presentations, Documentation Updates, Community Communication**

<b>Activity</b>	<b>Description of the Activity</b>

## **D. Outstanding Issues Being Actively Worked**

<b>Sprint</b>	<b>Activity/Issue</b>	<b>Description/Comments</b>
Sprint 193	<a href="#">LEXEVS-5288</a>	Onboarding new Staff Member
Sprint 193	<a href="#">LEXEVS-5293</a>	LexEVSSecurity.jar Update
Sprint 193	<a href="#">LEXEVS-5294</a>	Update Browser libraries
Sprint 193	<a href="#">LEXEVS-5295</a>	Admin: Provide continued Administration Support
Sprint 193	<a href="#">LEXEVS-5296</a>	Admin: Provide continued Product Support
Sprint 193	<a href="#">LEXEVS-5298</a>	Update Tests for Local LexEVS
Sprint 193	<a href="#">LEXEVCTS2-428</a>	Testing and recoding

## **E. Critical Risks or External Dependencies**

<b>Activity/Issue</b>	<b>Description to corrective activity/issue</b>

## **F. Status of Deliverables/Milestones Overview**

We have created a project wiki sites out on Confluence Wiki at:

- <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+20X048F+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/Report+Exporter+Project+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/EVS+Analytics+Dashboard+Project+Documents>

We have created a JIRA agile board for the LexEVS Development at:

- <https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=374&view=planning.nodetail>

This table of contents breaks out into different areas to capture the weekly meeting notes, monthly technical status reports, an area for documentation and a summary. This site will evolve throughout the lifecycle of this project.

## G. Status of Deliverables

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
Project Management Plan (PMP)	20 days following Project Kickoff	In Process
Project Financial Plan (PFP)	20 days following Project Kickoff	Complete
Maintenance of Software System	Ongoing	In Process
Provide Technical Expertise	Ongoing	In Process
Project Wiki	10/20/2019	Complete

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
Monthly Technical Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
December 2020	01/10/2021	Complete
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 2021	05/10/2021	Complete
May 2021	06/10/2021	Complete
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	Complete
May 2022	06/10/2022	Complete
June 2022	07/10/2022	Complete
July 2022	08/10/2022	Complete
August 2022	09/10/2022	Complete

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
Monthly Financial Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
December 2020	01/10/2021	Complete
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 201	05/10/2021	Complete
May 2021	06/10/2021	Complete
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	Complete
May 2022	06/10/2022	Complete
June 2022	07/10/2022	Complete
July 2022	08/10/2022	Complete
August 2022	09/10/2022	Complete

Deliverable/Milestone	Delivery Date	Status
Project Summary Report	30 Days Before Project Completion	Not Started

## H. Description of Work/Activities Planned for the next Month

Activity	Description
Continued support for LexEVS	<ul style="list-style-type: none"> <li>Continue to work with the NCI team on new and existing issues.</li> </ul>
Continue working to update LexEVS software to Spring 5.3 and the DAO layer to Mybatis	<ul style="list-style-type: none"> <li>Complete the migration of each DAO and write Junit tests to ensure functionality</li> <li>Update deployment scripts and unit tests. Start deployment of release candidates of all products to Dev.</li> </ul>
Update batch loader to perform better in the Mybatis framework	<ul style="list-style-type: none"> <li>Spring batch is slow under the default Mybatis configuration. Some batch load functionality needs to be rewritten to avoid losing loader performance</li> </ul>
Statistics Dashboard implementation	<ul style="list-style-type: none"> <li>Work on domain name queries</li> </ul>

## I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> <li><a href="#">Sprint 191</a></li> <li><a href="#">Sprint 192</a></li> <li><a href="#">Sprint 193</a></li> </ul>