

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance  
Subcontract No. 20X048F  
Option Year 1**

**July 2021**  
June 1 – June 30, 2020

**Submitted by:**

**Craig Stancl, Scott Bauer, Cory Endle**

**Date:**  
**July 10, 2021**

# 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.....5
- F. Status of Deliverables/Milestones Overview .....5
- G. Status of Deliverables .....5
- H. Description of Work/Activities Planned for the next Month.....7
- I. Additional Reporting .....7

## A. Technical Overview

Sprint 161 (May 20, 2021 – June 2, 2021) has been completed. In this sprint, the team updated the Report Exporter UI dependencies to the latest available versions. The team also began investigating different architectures for the EVS statistics dashboard including the ELK stack, Logstash, Filebeats, and PowerBI. Additionally, the team created an initial UI prototype of what the interface may look like.

Sprint 162 (June 3, 2021 – June 17, 2021) has been completed. In this sprint, the team worked with the QA team to validate our Report Exporter 1.1 release candidate. Additionally, the team investigated SumoLogic and its ability to create a UI dashboard as well as continued work on the UI prototype for the EVS statistics dashboard.

Sprint 163 (June 18, 2021 – June 30, 2021) has been completed. In this sprint, the team fixed a Report Exporter issue with the JSON maps\_to display and participated in Sumo Logic preliminary meetings. The team also worked on LexEVS maintenance issues for the NCIt loader and investigated LexEVS system test Docker failures. During this sprint, the team also created a report for management detailing the level of effort around LexEVS updates and replacements.

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 161	<a href="#">LexEVS Development - Sprint 161</a>	LexEVS 6.5 Sprint 161 Stories
Sprint 161	<a href="#">EVSREPEXP-409</a>	Associations With 'DisjointWith' Relationships Are Not Exported - Issue
Sprint 161	<a href="#">EVSREPEXP-414</a>	UI: Update all NPM dependencies
Sprint 161	<a href="#">EVSSTATS-1</a>	UI: Design and initial screen layout
Sprint 161	<a href="#">EVSSTATS-2</a>	Investigate use of PowerBI as an alternative to web interface for stats reports
Sprint 161	<a href="#">EVSSTATS-3</a>	Investigate Logstash as filter to filebeats
Sprint 161	<a href="#">LEXEVS-5115</a>	Investigate log implementation for ELK stack around Apache logging
Sprint 162	<a href="#">LexEVS Development - Sprint 162</a>	LexEVS 6.5 Sprint 162 Stories

Sprint	Activity	Description/Comments
Sprint 162	<a href="#">EVSREPEXP-402</a>	Ongoing QA Requirements Validation for EVSREPEXP 1.1
Sprint 162	<a href="#">EVSREPEXP-418</a>	Jmeter test differences between tiers
Sprint 162	<a href="#">EVSSTATS-5</a>	Investigate implementation of Sumo logic for Dashboard
Sprint 162	<a href="#">EVSSTATS-6</a>	UI: Design dashboard screens
Sprint 163	<a href="#">LexEVS Development - Sprint 163</a>	LexEVS 6.5 Sprint 163 Stories
Sprint 163	<a href="#">EVSREPEXP-325</a>	JSON: 'maps_to' special property is displayed inconsistently with different scenarios.
Sprint 163	<a href="#">EVSSTATS-4</a>	Coordinate and participate in Sumo Logic rollout response
Sprint 163	<a href="#">LEXEVS-4821</a>	API: Value set shown in the hierarchy is not returned by the LexEVSValueSetDefinitionServices API
Sprint 163	<a href="#">LEXEVS-4877</a>	Loader: LoadNCIHistory takes extremely long time
Sprint 163	<a href="#">LEXEVS-5065</a>	Loader: One Touch OWL2 loader script pauses and waits for user input.
Sprint 163	<a href="#">LEXEVS-5141</a>	Create Level of Effort Report Around LexEVS Upgrades, Replacements
Sprint 163	<a href="#">LEXSYSTEST-173</a>	Investigate LexEVS system test Docker failure with Systems teams

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

Release	Description of the Release

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

Activity	Description of the Activity

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

Sprint	Activity/Issue	Description/Comments

## E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
----------------	--

## 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

Deliverable/Milestone	Delivery Date	Status
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	12/10/2020	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

<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
Project Summary Report	30 Days Before Project Completion	Not Started

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

<b>Activity</b>	<b>Description</b>
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>
Support for LexEVS release	<ul style="list-style-type: none"> <li>Support of LexEVS 6.5.4 release, including loader updates as needed.</li> </ul>
Statistics Dashboard implementation	<ul style="list-style-type: none"> <li>Work with Sumo Logic team to set up initial infrastructure for EVS log intake.</li> </ul>

## **I. Additional Reporting**

<b>Activity</b>	<b>Description</b>
-----------------	--------------------

Activity	Description
Sprint Status	<ul style="list-style-type: none"><li data-bbox="857 233 1029 264">• <a href="#">Sprint 161</a></li><li data-bbox="857 268 1029 300">• <a href="#">Sprint 162</a></li><li data-bbox="857 304 1029 336">• <a href="#">Sprint 163</a></li></ul>