

# **Monthly Technical Status Report**

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

**October 2021**  
September 1 – September 30, 2021

**Submitted by:**

**Scott Bauer, Cory Endle**

**Date:**  
**October 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.....4
- F. Status of Deliverables/Milestones Overview .....4
- G. Status of Deliverables .....5
- H. Description of Work/Activities Planned for the next Month.....7
- I. Additional Reporting .....8

## A. Technical Overview

### Option Year 2 starts August 31, 2021.

Sprint 168 (August 26, 2021 – September 8, 2021) has been completed. In this sprint, the team created Sumo dashboards for displaying application availability, showing unique visitors of the EVS sites, and showing the amount of data downloaded. The team also obfuscated the IPs of users to protect their identity and investigated a solution for domain resolution of users that visited EVS sites.

Sprint 169 (September 9, 2021 – September 22, 2021) has been completed. In this sprint, the team developed an application that resolves the user's domain and prints it to a file to be ingested by Sumo. The team also created a dashboard to show the browsers used by EVS users, migrated all classic dashboards to the new dashboard and filtered out apache logs that were not relevant.

Sprint 170 (September 23, 2021 – October 7, 2021) has been started and will be reported on next month.

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 168	<a href="#">LexEVS Development - Sprint 168</a>	LexEVS 6.5 Sprint 168 Stories
Sprint 168	<a href="#">EVSREPEXP-426</a>	Deploy Report Exporter 1.1.1.FINAL
Sprint 168	<a href="#">EVSREPEXP-429</a>	Create Dashboard for Application availability
Sprint 168	<a href="#">EVSSTATS-16</a>	Create script sources for curl calls to check if app is up or down
Sprint 168	<a href="#">EVSSTATS-17</a>	Create prototype IP hash of last four digits using source configuration
Sprint 168	<a href="#">EVSSTATS-21</a>	Determine usage for EVS apps
Sprint 168	<a href="#">EVSSTATS-40</a>	Look into server based domain resolution
Sprint 168	<a href="#">EVSSTATS-41</a>	Create query for unique users for each EVS application
Sprint 169	<a href="#">LexEVS Development - Sprint 169</a>	LexEVS 6.5 Sprint 169 Stories

Sprint	Activity	Description/Comments
Sprint 169	<a href="#">EVSSTATS-25</a>	Create script/application on the server to resolve the user domain
Sprint 169	<a href="#">EVSSTATS-29</a>	Create query to retrieve browser utilized
Sprint 169	<a href="#">EVSSTATS-39</a>	Create script/query to filter out noise from the logs
Sprint 169	<a href="#">EVSSTATS-42</a>	Migrate old dashboards to new dashboard settings

## 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
Sprint 170	<a href="#">LexEVS Development - Sprint 170</a>	LexEVS 6.5 Sprint 170 Stories
Sprint 170	<a href="#">EVSSTATS-32</a>	Create script/query to retrieve average page load times
Sprint 170	<a href="#">EVSSTATS-52</a>	Add panel for showing web response time
Sprint 170	<a href="#">EVSSTATS-55</a>	Create a Custom Log Creation Application to serve up TLD's
Sprint 170	<a href="#">EVSSTATS-63</a>	Create links on dashboards to link back to the home/main dashboard

## 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.jsps?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	12/10/2020	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
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	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
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	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>Develop dashboards for EVS applications</li> </ul>

Activity	Description
EVS Compare tool design	<ul style="list-style-type: none"> <li>Design/prototype the compare tool with a web interface and Spring/boot backend</li> </ul>

## I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> <li><a href="#">Sprint 168</a></li> <li><a href="#">Sprint 169</a></li> <li><a href="#">Sprint 170</a></li> </ul>