

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 3**

October 2022
September 1 – September 30, 2022

Submitted by:

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October 7 2022

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A. Technical Overview

Sprint 194 (01/Sep/22-14/Sep/22) has been completed. LexEVS Service / CTS2 deployed to Dev. Work was begun on migrating Report Exporter from Vue 2 to 3.

Sprint 195 (15/Sep/22-28/Sep/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 196 (29/Sep/22-11/Oct/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:

| Sprint | Activity | Description/Comments |
|---------------|--------------------------------|---|
| Sprint 194 | LEXEVS-5302 | Admin: Provide continued Administration Support |
| Sprint 194 | LEXEVS-5303 | Admin: Provide continued Product Support |
| Sprint 194 | LEXEVS-5304 | Admin: Do August metrics |
| Sprint 194 | LEXEVSCTS2-427 | Deployment code/fix for lexevs-service (LEXEVSCTS2 project) |
| Sprint 194 | EVSCOMPARE-15 | Add Vulnerability Link to EVS Compare |
| Sprint 194 | EVSREPEXP-442 | Migrate Vuejs version from 2.0 to 3.0 |
| Sprint 194 | EVSREPEXP-446 | Do basic Vue Training |
| Sprint 195 | EVSCOMPARE-15 | Continued from Sprint 194 |
| Sprint 195 | EVSREPEXP-442 | Continued from Sprint 194 |
| Sprint 195 | EVSREPEXP-446 | Continued from Sprint 194 |
| Sprint 195 | LEXEVS-5305 | Unit testing on Dev |
| Sprint 196 | EVSCOMPARE-15 | Continued from Sprint 195 |
| Sprint 196 | EVSREPEXP-442 | Continued from Sprint 195 |
| Sprint 196 | EVSREPEXP-446 | Continued from Sprint 195 |

| Sprint | Activity | Description/Comments |
|---------------|--------------------------------|---|
| Sprint 196 | LEXEVS-5305 | Continued from Sprint 195 |
| Sprint 196 | EVSREPEXP-451 | Security Update for Spring Boot |
| Sprint 196 | LEXEVS-5306 | Get Access to Okta Group |
| Sprint 196 | LEXEVS-5307 | Update browsers for new LexEVS and Spring 5 |
| Sprint 196 | LEXEVS-5308 | Admin: Perform Status and Metrics reports |
| Sprint 196 | LEXEVSCTS2-429 | Testing and Validation of CTS2 Service against Live Terminologies |

B. New Releases of the Software

| Release | Description of the Release |
|-------------------------|---|
| CTS2 LexEVS Service RC4 | Release candidate for Spring 5.x version of the CTS2 LexEVS Service |

C. Presentations, Documentation Updates, Community Communication

| Activity | Description of the Activity |
|-----------------|------------------------------------|
| | |

D. Outstanding Issues Being Actively Worked

| Sprint | Activity/Issue | Description/Comments |
|---------------|--------------------------------|---|
| Sprint 196 | EVSCOMPARE-15 | Add Vulnerability Link to EVS Compare |
| Sprint 196 | EVSREPEXP-442 | Migrate Vuejs version from 2.0 to 3.0 |
| Sprint 196 | EVSREPEXP-446 | Do basic Vue Training |
| Sprint 196 | LEXEVS-5305 | Unit testing on Dev |
| Sprint 196 | EVSREPEXP-451 | Security Update for Spring Boot |
| Sprint 196 | LEXEVS-5306 | Get Access to Okta Group |
| Sprint 196 | LEXEVS-5307 | Update browsers for new LexEVS and Spring 5 |
| Sprint 196 | LEXEVS-5308 | Admin: Perform Status and Metrics reports |
| Sprint 196 | LEXEVSCTS2-429 | Testing and Validation of CTS2 Service against Live Terminologies |

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 |

| | | |
|----------------------------|-------------|----------|
| 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 |
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| August 2022 | 09/10/2022 | Complete |
| September 2022 | 10/10/2022 | Complete |

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|----------------------------|-------------|----------|
| 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 |
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| June 2022 | 07/10/2022 | Complete |
| July 2022 | 08/10/2022 | Complete |
| August 2022 | 09/10/2022 | Complete |
| September 2022 | 10/10/2022 | 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"> Continue to work with the NCI team on new and existing issues. |
| Continue working to update LexEVS software to Spring 5.3 and the DAO layer to Mybatis | <ul style="list-style-type: none"> Migration coding complete. Doing detailed testing on Dev tier Preparing for promotion to QA |
| Update batch loader to perform better in the Mybatis framework | <ul style="list-style-type: none"> Spring batch is slow under the default Mybatis configuration. Some batch load functionality needs to be rewritten to avoid losing loader performance |
| Statistics Dashboard implementation | <ul style="list-style-type: none"> Work on domain name queries |
| CTS2 Service | <ul style="list-style-type: none"> Continue testing and prepare for deployment to QA |
| NCI Terms Browser | <ul style="list-style-type: none"> Update Terms Browser to work with new Spring 5 dependencies |

I. Additional Reporting

| Activity | Description |
|-----------------|--|
| Sprint Status | <ul style="list-style-type: none"> Sprint 194 Sprint 195 Sprint 196 |