

# **Monthly Technical Status Report**

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

**November 2023**  
November 1 – November 30, 2023

**Submitted by:**

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**Date:**  
**December 07, 2023**

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## B. Technical Overview

Sprint 214 (23/Nov/02 – 23/Dec/07) Work was completed on updating to Spring 6 and Java 17 and work has begun on incorporating those changes into NCI Browser and to CTS2. Banners were added to both CTS2 and CTS2 Docs and updates were made to several dependencies. DataDog migration begun.

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 214    | <a href="#">EVSREPEXP-495</a>  | Roll back government shutdown banner changes                    |
| Sprint 214    | <a href="#">LEXEVS-5341</a>    | Update Spring to 6  |
| Sprint 214    | <a href="#">LEXEVS-5363</a>    | Debug error messages found during outage                        |
| Sprint 214    | <a href="#">LEXEVS-5365</a>    | Critical vulnerability update commons-text to 1.10              |
| Sprint 214    | <a href="#">LEXEVS-5366</a>    | MyBatis update/manipulation to work with Spring 6               |
| Sprint 214    | <a href="#">LEXEVS-5370</a>    | Change implementation of Registry DAO to MyBatis from Hibernate |
| Sprint 214    | <a href="#">LEXEVS-5372</a>    | Remove Graph DB implementation from LexEVS                      |
| Sprint 214    | <a href="#">LEXEVSCTS2-453</a> | Update CTS2 welcome with Digital Style header                   |
| Sprint 214    | <a href="#">LEXEVSCTS2-469</a> | Update jQuery to latest   |
| Sprint 214    | <a href="#">LEXEVSCTS2-470</a> | Update CTS2Docs jQuery  |

## C. New Releases of the Software

| <b>Release</b> | <b>Description of the Release</b> |
|----------------|-----------------------------------|
| CTS2 2.3.0     | Add banner                        |
| CTS2Docs 2.3.0 | Add banner                        |

## D. Presentations, Documentation Updates, Community Communication

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

## E. Outstanding Issues Being Actively Worked

| Sprint     | Activity/Issue                 | Description/Comments                                    |
|------------|--------------------------------|---|
| Sprint 214 | <a href="#">EVSREPEXP-496</a>  | Implement proxy approach for Government Banner          |
| Sprint 214 | <a href="#">EVSSTATS-97</a>    | Implement Reports                                       |
| Sprint 214 | <a href="#">LEXEVS-5252</a>    | Read an Entity by URI: throwing a 302 error             |
| Sprint 214 | <a href="#">LEXEVS-5367</a>    | Train on DataDog  |
| Sprint 214 | <a href="#">LEXEVS-5368</a>    | Review query results                                    |
| Sprint 214 | <a href="#">LEXEVS-5373</a>    | Investigate Upgrade of NCI Browser to Java 17           |
| Sprint 214 | <a href="#">LEXEVSCTS2-431</a> | Service resource does not populate Service name/version |
|            |                                |   |

## F. Critical Risks or External Dependencies

| Activity/Issue | Description to corrective activity/issue     |
|----------------|--|
| Browser update | Dependent on browser interaction with LexEVS |

## G. 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.

## H. 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      |

|                            |            |          |
|----------------------------|------------|----------|
| 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 |
| 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 |
| September 2022             | 10/10/2022 | Complete |

| <b>Deliverable/Milestone</b> | <b>Delivery Date</b> | <b>Status</b> |
|------------------------------|----------------------|---------------|
| October 2022                 | 11/10/2022           | Complete      |
| November 2022                | 12/10/2022           | Complete      |
| December 2022                | 01/10/2023           | Complete      |
| January 2023                 | 02/10/2023           | Complete      |
| February 2023                | 03/10/2023           | Complete      |
| March 2023                   | 04/10/2023           | Complete      |
| April 2023                   | 05/10/2023           | Complete      |
| May 2023                     | 06/10/2023           | Complete      |
| June 2023                    | 07/10/2023           | Complete      |
| July 2023                    | 08/10/2023           | Complete      |
| August 2023                  | 09/10/2023           | Complete      |
| September 2023               | 10/10/2023           | Complete      |
| October 2023                 | 11/10/2023           | Complete      |
| November 2023                | 12/10/2023           | Complete      |

|                            |             |          |
|----------------------------|-------------|----------|
| 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 |
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| 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 |
| September 2022             | 10/10/2022  | Complete |



| <b>Deliverable/Milestone</b> | <b>Delivery Date</b>              | <b>Status</b> |
|------------------------------|-----------------------------------|---------------|
| October 2022                 | 11/10/2022                        | Complete      |
| November 2022                | 12/10/2022                        | Complete      |
| December 2022                | 01/10/2023                        | Complete      |
| January 2023                 | 02/10/2023                        | Complete      |
| February 2023                | 03/10/2023                        | Complete      |
| March 2023                   | 04/10/2023                        | Complete      |
| April 2023                   | 05/10/2023                        | Complete      |
| May 2023                     | 06/10/2023                        | Complete      |
| June 2023                    | 07/10/2023                        | Complete      |
| July 2023                    | 08/10/2023                        | Complete      |
| August 2023                  | 09/10/2023                        | Complete      |
| September 2023               | 10/10/2023                        | Complete      |
| October 2023                 | 11/10/2023                        | Complete      |
| November 2023                | 12/10/2023                        | Complete      |
| Project Summary Report       | 30 Days Before Project Completion | Not Started   |

**I. 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>             |
| Statistics Dashboard implementation | <ul style="list-style-type: none"> <li>Work on domain name queries</li> </ul>  |
| CTS2 Service                        | <ul style="list-style-type: none"> <li>Continue testing and prepare for deployment to Stage</li> </ul>                       |
| NCI Terms Browser                   | <ul style="list-style-type: none"> <li>Update Terms Browser to work with new Spring 5 dependencies</li> </ul>                |
| Report Exporter                     | <ul style="list-style-type: none"> <li>Prepare for security release to QA</li> <li>Continue working on Vue update</li> </ul> |

**J. Additional Reporting**

| <b>Activity</b> | <b>Description</b>                                 |
|-----------------|--|
| Sprint Status   | <ul style="list-style-type: none"> <li></li> </ul> |