

Technical Documentation

**BSRM GROUP OF COMPANIES**

**PROJECT TITLE: Level 3 Middleware System**

Author: BSRM IT

Creation Date: June 25, 2023

Version: 1.0

## 

## Document Control

## Change Record

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
|  |  |  |  |
| 25-June-2023 | Tonmoy Rudra | 1.0 |  |
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**Reviewer**

| Date | Reviewed By | Comments |
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**Database Object Used**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object Name** | **Object Type** | **Schema/DB/Owner** | **Description** |
| L3\_BATCH\_DETAILS\_INTERFACE | Table | BSRM\_IT |  |
| L3\_BATCH\_MASTER\_INTERFACE | Table | BSRM\_IT |  |
| L3\_GLOVAL\_PARAM\_VALUES | Table | BSRM\_IT |  |
| L3\_ITEM\_MAP | Table | BSRM\_IT |  |
| L3\_PHYSICAL\_INSPECTION\_MELTING | Table | BSRM\_IT |  |
| L3\_PROCESS\_PARAMETER\_INTERFACE | Table | BSRM\_IT |  |
| L3\_PROCESS\_PARAMETER\_MASTER | Table | BSRM\_IT |  |
| L3\_PROCESS\_PARAMETER\_SOURCE\_MAP | Table | BSRM\_IT |  |
| L3\_QUALITY\_CHEMISTRY\_SOURCE\_MAP | Table | BSRM\_IT |  |
| L3\_QUALITY\_PHYSICAL\_TEST\_DEFAULT\_SETUP | Table | BSRM\_IT |  |
| L3\_QUALITY\_RESULT\_INTERFACE | Table | BSRM\_IT |  |
| L3\_RESOURCES\_INTERFACE | Table | BSRM\_IT |  |
| L3\_RESOURCES\_MASTER | Table | BSRM\_IT |  |
| L3\_ST2\_CCM\_PRODUCT\_DATA | Table | BSRM\_IT |  |
| L3\_ST2\_CCM\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| L3\_ST2\_IF\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| L3\_ST2\_LRF\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| L3\_ST2\_MATERIALS\_ADDITIONS\_DETAILS | Table | BSRM\_IT |  |
| L3\_ST2\_MATERIALS\_DESCRIPTION | Table | BSRM\_IT |  |
| L3\_ST2\_SCRAP\_DETAILS | Table | BSRM\_IT |  |
| L3\_ST2\_STEEL\_ANALYSIS\_DATA | Table | BSRM\_IT |  |
| L3\_TRANSECT\_MATERIAL\_INTERFACE | Table | BSRM\_IT |  |
|  |  |  |  |
| Landing Table List: |  |  |  |
| LND\_BSRM\_SO\_WORKLIST\_CUSTOMER | Table | APPS |  |
| LND\_L2PRD\_M1\_AUX\_VALUES | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_BILLET\_DATA\_VIEW | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_IF\_CHARGING\_DATA | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_MDB\_MATERIALS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REPORTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_CCM | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_CCM\_PRODUCTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_ELEMENTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_IF\_ELEC\_DATA | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_LRF\_STEPS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M1\_REP\_MATERIALS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_MDB\_MATERIALS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REPORTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_CCM | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_CCM\_PRODUCTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_ELEMENTS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_IF\_ELEC\_DATA | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_LRF\_STEPS | Table | BSRM\_IT |  |
| LND\_L2PRD\_M2\_REP\_MATERIALS | Table | BSRM\_IT |  |
| LND\_L3\_STEEL\_ANALYSIS\_DATA | Table | BSRM\_IT |  |
| LND\_L3\_CCM\_PRODUCT\_DATA | Table | BSRM\_IT |  |
| LND\_L3\_CCM\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| LND\_L3\_IF\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| LND\_L3\_LRF\_SPECIFIC\_DATA | Table | BSRM\_IT |  |
| LND\_L3\_MATERIALS\_DESCRIPTION | Table | BSRM\_IT |  |
| LND\_L3\_SCRAP\_DETAILS | Table | BSRM\_IT |  |
| LND\_L3\_MATERIALS\_ADDITIONS\_DTL | Table | BSRM\_IT |  |
|  |  |  |  |
| L3\_INTERFACE\_TO\_EBS\_PKG | Pacakge | APPS |  |
| L3\_Steels2\_Data\_To\_Interface\_Pkg | Pacakge | BSRM\_IT |  |

**API Details:**

**Note:** Please see the API Documentation Folder.

**Angular UI Details**

**Note:** Please see the UI Documentation Folder

**Technology Used**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Development Tools | Remark |
| Level3Middleware | C#, Devextreme, Angular 11, ..Net 6, CQRS Pattern | Visual Studio 2022,  Visual Code | Angular 11 for Web UI. |

**Source Code & Hosting Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Hosting Details (URL, IP)** | **Deployment Details** | **Source code path** |
| Hosting Details (UI) | URL: <http://hrissub.bsrm.com/Level3Middleware>  IP: http://192.168.103.14:4565/Level3Middleware | 192.168.103.14  D:\WebApplicationHosted\Level3Middleware\API\wwwroot | <https://dev.azure.com/bitdeveloper52/LEVEL_3_MIDDLEWARE/_git/UI> |
| Hosting Details (API) | URL: [http://hrissub.bsrm.com/ Level3Middleware](http://hrissub.bsrm.com/eBudgetingApi) /  IP:192.168.103.14:4565/ Level3Middleware | 192.168.103.14  D:\WebApplicationHosted\Level3Middleware\API | <https://dev.azure.com/bitdeveloper52/LEVEL_3_MIDDLEWARE/_git/API> |
| UI Documentation | URL:  [http://hrissub.bsrm.com/ Level3Middleware /documentation/](http://hrissub.bsrm.com/eBudgeting/documentation/) |  |  |

**Database Details:**

|  |  |  |
| --- | --- | --- |
| **Database Name** | **Connection Details** | **DB Vendor** |
| dbiBMS | 192.168.103.12  User: sa | MSSQL |
| Oracle | Cloud  User: APPS, BSRM\_IT | Oracle |