

BATCH LOADER DATA SHEET



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	Release Date:	Document Number: BL-DST-001	Revision 01

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1 Overview

Opcenter Modeling is the key element of Opcenter Portal where most of the master configuration data resides in the form of Named and Revised Objects.

The main objective of this application is to accelerate the process of importing modeling objects to the Opcenter environment.

The core functionality of the Batch Loader (BL) application is to Export and Import the Opcenter modeling data to and from the formatted Excel files. This is an alternative way to import the data to Opcenter, like the Opcenter Import and Export functionalities. A web based centralized application that can connect to multiple environments.

Microsoft Excel along with Batch Loader plays a vital role in creating mass data across multiple environments with just a click.


2 System Requirements

Below are the minimum system requirements:

Operating System	Windows 10 or higher
.NET Framework	8.0 or higher
ASP.NET Core hosting bundle	8.0
ASP.NET SDK	8.0
IIS	7 or higher
Database	SQL Server 2014 or higher/ Oracle 19 c or higher
Applications	MS-EXCEL 2010 or higher

3 Key Features

- Accelerates the process of loading the required modeling objects.
- Exports the data from Opcenter to an Excel file.
- Utilizes basic Excel templates.
- Exports empty templates for initial object upload.
- Seamlessly supports custom fields and objects.
- Creates/Updates/Syncs/Copies and creates both new and existing objects.
- Supports complex sub-entity lists, nested lists (lists within lists).
- Enables the user to use Opcenter APIs for all the transactions.
- Uses Opcenter credentials for logging.
- Audit Trail to view historical details of Imports/Exports.
- Supports Opcenter data validations.
- Graphical view of Success/Fails during Imports

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- Role based access

4 Technology Stack

The following technology stacks are utilized:

- .Net C#.
- React JS
- SQL Server/Oracle.