ERROR REPROCESSING TOOL DATA SHEET TEMPLATE

	Error Reprocessing Tool Data Sheet Template		
DHRUV	Release Date:	Document Number: ERT-DST-001	Revision 01

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1 Overview

The purpose of the ERT application is to address the limitations in MoM Connect ability to reprocess failed messages. This custom tool facilitates the efficient reprocessing of system and data errors, enabling enterprises to enhance the maintainability of their systems and alleviate associated time and costs. ERT serves as a centralized system for recording, viewing, and reprocessing failed messages originating from various touchpoints between ERP, MES, and other local systems that interact with Opcenter Execution. The primary objective of ERT is to streamline the tasks of Shopfloor supervisors and IT Administrators involved in the reprocessing of failed messages.

2 System Requirements

Below are the minimum system requirements:.

- OS: Windows 10 or latter.
- RAM: Min 8 GB.
- SSD or HDD: 250 GB.

3 Key Features

Customers consistently commend ERT for its exceptional ability to optimize message exchange processes, significantly bolster operational efficiency, and elevate the overall workflow to new heights of productivity and effectiveness

- **Comprehensive Error Handling:** ERT efficiently logs, views, and reprocesses failed messages between ERP, MES, and other local systems interacting with Opcenter Execution, serving as a vital bridge for seamless data exchange
- **Enhanced System Maintainability:** This custom tool aids in reprocessing system and data errors with high efficiency, contributing to improved system maintainability and mitigating time and costs associated with error resolution.
- **Centralized Management:** Acting as a centralized system, ERT records and manages failed messages from various touchpoints, simplifying error management for Shopfloor supervisors and IT Administrators.
- **Detailed Error Logging:** Errors from inbound and outbound messaging to and from Opcenter Execution are meticulously logged, providing a comprehensive overview of error occurrences and patterns.
- **Versatile Actions:** Users can perform various actions such as Reprocess, Archive, Unarchive, and Purge, facilitating efficient error resolution and system maintenance.
- **Seamless Integration:** ERT seamlessly integrates with MoM Connect Endpoint for message dispatch upon reprocessing, ensuring smooth data flow across systems.
- **User-Friendly Interface:** With a user-friendly interface, ERT allows easy viewing, filtering, and exporting of error details, streamlining error management processes.

4 Technology Stack

The following technology stacks are utilized:

- .Net.
- HTML5.
- CSS3.
- JS (ES6).
- SQL.

5 Development Tools

The following tools are utilized for software development:

- Visual Studio 2022.
- .NET Framework 4.7.8.
- Entity Framework core.
- ASP.NET Core 6.0 Hosting Bundle.
- MS SQL Server 2019/ Oracle Database Client 18c or higher
- IIS 6 or higher.
- Visual Studio Code 2022.
- HTML5, CSS3, JS (ES6).
- Apache e-charts.