TMPropagator

Release 3.5.4

Release Note

20th August, 2025

Document Signature Table

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		Date: 20th August, 2025

Table of Contents

1 SCOPE

The document is the release note accompanying release 3.5.4 of the TMPropagator. This is a patch release which fixes a single issue on the client, and does includes only the updated client.

2 ISSUES FIXED BY THIS RELEASE

The following JIRA issues are considered fixed by this release;

TMPROP-566   Issue using TM Prop when loading a saved layout file

TMPROP-576   [EPSSG/AR/5206] TMPropagator behaviour during SSVT2B

TMPROP-580   [JasonCS/AR/3149] [OVT-3B] TM Propagator instabilities and crashes reported by JPL during the Sentinel-6B Operations Validation Test OVT-3B

TMPROP-582   [MTG/AR/10292] Some of TPZ GRDs imported on TMProp VAL are crashing when I try to open them

TMPROP-583   [MTG/AR/10340] [MTG-S1 LEOP Execution] [TMProp] EXE#029 - TM Propagator crashes frequently

TMPROP-585   TM Propagator 3.5.4 (Client only) - NCR Fixes

3 IMPROVEMENTS AND NEW FEATURES UNRELATED TO NON-CONFORMANCES

3.1 New Features Implemented as a Result of CN12

None

3.2 Other New Features

None

4 INSTALLATION INSTRUCTIONS

As this release includes only an updated client. It is only necessary to replace the client binary files with the ones provided in the release.

5 COMPATIBILITY TO PREVIOUS VERSIONS

The server and gateway versions are unmodified. There is no change to the client server interface and this client can connect to any server version greater than or equal to 3.5.1.

6 SYSTEM REQUIREMENTS

6.1.1 Operating System

The TMPropagator Gateway and Server require Windows Server 2019 or higher as the operating system.

For the clients, Windows 10 or higher is required.

6.1.2 .NET Framework 4.8

All machines where any module of the TMPropagator software is installed requires the .NET Framework 4.8 (or higher) as a prerequisite.

Download and install the latest Microsoft .NET Framework version (4.8 at time of writing) for the machines operating system from the Microsoft web site. It is <u>not</u> necessary, or desirable, to uninstall the previous .Net versions first. This step might not be necessary if .NET 4.8 or higher is already installed. This can be verified by following the procedure given here;

https://docs.microsoft.com/en-us/dotnet/framework/migration-guide/how-to-determine-which-versions-are-installed

6.1.3 Hardware

A minimum of 8 GB memory is recommended for the Gateway and Server machines. This should be increased if many projects are to share the same hardware.

	EUMETSAT	**Doc. No.:** HA.EPS.ORSF.RN.044
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	TMPropagator	

The disk usage depends almost entirely on the telemetry data rate and the desired length of archive. It is suggested to compare the anticipated data rates and archive duration of new projects to older projects when estimating disk space requirements.

The new stream types have also been found to generate considerable quantities of data which increases the size of the archive.

For the clients, any modern PC hardware should be sufficient. A minimum 4 GB memory is recommended.