



EUMETSAT
TMPropagator

Doc. No.: HA.EPS.ORSF.RN.037

Issue: 1.0


Date: 15th July, 2022

TMPropagator

Release 3.3.4

Release Note

15th July, 2022

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Document Signature Table

	Name	Signature	Date
Prepared by	C. Peat	<i>C. Peat</i>	15 th July, 2022
Approved by	C. Peat	<i>C. Peat</i>	15 th July, 2022



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1 SCOPE

The document is the release note accompanying release 3.3.4 of the TMPropagator. This is a relatively major release which fixes a number of urgent issues.

2 ISSUES FIXED BY THIS RELEASE

The following JIRA issues are considered fixed by this release;


TMPROP-364 [MuMi/AR/5381] TMProp: telemetry processing too slow in 3.3.3

TMPROP-367 [EPSSG/AR/2103] SCOS delayed TM forwarding to TM Propagator

3 ISSUES STILL OPEN AFTER THIS RELEASE

TMPROP-190 [MuMi/AR/4292] TM Propagator v3 log viewer not starting up

TMPROP-289 Mission Selection on start up

 <p>The logo for 'HEAVENS ABOVE' features a stylized blue and grey arc with five stars above it. The text 'HEAVENS' is in blue and 'ABOVE' is in grey, both in a sans-serif font.</p>	<p>EUMETSAT</p> <p>TMPropagator</p>	<p>Doc. No.: HA.EPS.ORSF.RN.037</p> <p>Issue: 1.0</p> <p>Date: 15th July, 2022</p>
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4 IMPROVEMENTS AND NEW FEATURES UNRELATED TO NON-CONFORMANCES

4.1 New Features Implemented as a Result of CN12

- None

4.2 Other New Features

None

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5 INSTALLATION INSTRUCTIONS

Please see the document *Configuration Manual for Gateway, Server and Dev Machine* for full installation instructions

It is important to copy the pages stored in the directory

...\\Server\\Inetpub\\wwwroot\\DisplayPages\\TMProp

and replace any existing TMProp entity pages. The new TMProp monitoring function has a completely new set of pages and the old ones are no longer used.

Any existing TMProp database, such as TMProp.xml can be safely deleted from an existing database folder.

6 COMPATIBILITY TO PREVIOUS VERSIONS

None, as the message types have been modified for both Gateway-Server and Server-Client communication.

7 SYSTEM REQUIREMENTS

7.1.1 Operating System

The TMPropagator Gateway and Server require Windows Server 2008 R2 or higher as the operating system.


For the clients, Windows 7 or higher is required.

7.1.2 .NET Framework 4.6

All machines where any module of the TMPropagator software is installed requires the .NET Framework 4.6 (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 not necessary, or desirable, to uninstall the previous .Net versions first. This step might not be necessary if .NET 4.6 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>

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7.1.3 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.

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.