



EUMETSAT
TMPropagator

Doc. No.: HA.EPS.ORSF.RN.035

Issue: 1.0


Date: 4th April, 2022

TMPropagator

Release 3.3.2.2

Release Note

4th April, 2022

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1 SCOPE

The document is the release note accompanying release 3.3.2.2 of the TMPropagator. This release is a patch update to implement two issues found during onsite testing of release 3.3.2.1.


2 ISSUES FIXED BY THIS RELEASE

The following JIRA issues are considered fixed by this release;

TMPROP-338	On-Board Events display, skips past events when switching from playback to real-time mode
TMPROP-339	TC History view in TM Propagator appears empty
TMPROP-342	NCR fixes

3 ISSUES STILL OPEN AFTER THIS RELEASE

TMPROP-145	TM Propagator TMProp entity not properly configured
TMPROP-171	TMProp val chain not displaying some TM
TMPROP-190	TM Propagator v3 log viewer not starting up
TMPROP-235	TM Propagator TMProp entity not showing stopped streams
TMPROP-289	Mission Selection on start up
TMPROP-326	TM Propagator 3.3.3 - NCR fixes

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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


Variable packet displays now have a configurable lookback period. This was previously hardcoded to 5 minutes. It can now be set in the XML page definition file. There is an example in the file:

Server\Inetpub\wwwroot\DisplayPages\MSG1\NewPages\VariablePackets\NoFilter.xml

If no lookback period is specified, the new default value of 15 minutes is used.

All new display types should now show consistent results when changing the playback time. The lookback period is always taken into account when deciding which packets to show. As a consequence, if a stream stop updating for any reason. The displayed data will eventually disappear from view once the last received packet is before the lookback time. This is a change in behaviour to previous versions.

Since the introduction of server side packet filtering and caching, it should be possible to increase the lookback period without having too much of a performance impact. A period of 15 minutes is a suitable value.

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5 INSTALLATION INSTRUCTIONS

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

6 COMPATIBILITY TO PREVIOUS VERSIONS

None.

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>

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.