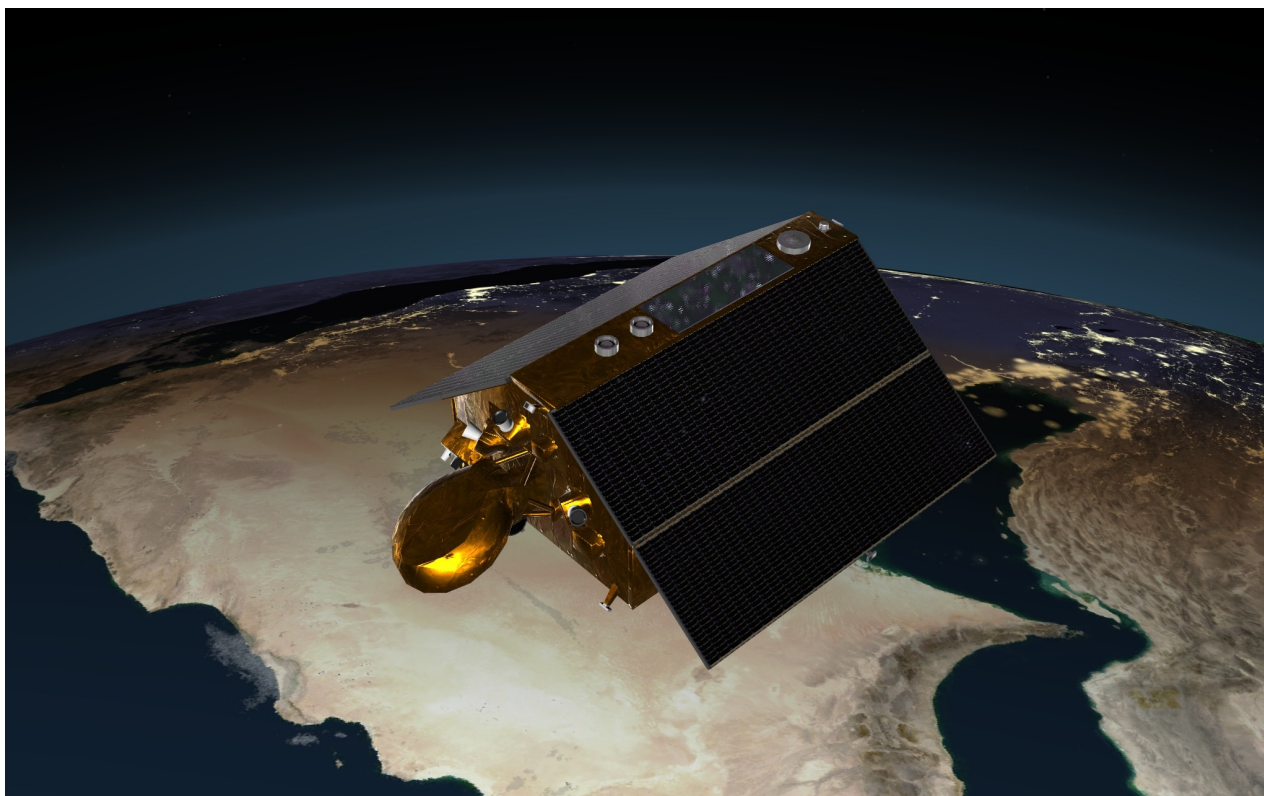

SAMIEdit v1.4.0.6

Release Notes



What's new

This release implements the following changes with respect to SAMIEdit v1.3.5.2 released on 20 April 2020:

New Features

- It is possible to import ESOV NG mission timelines file (.SCF) to generate time blocks, e.g to display dynamically instrument swath planning segments
- The display of Nadir direction can be enabled / disabled through the camera menu
- AzEl2LonLat plugin's code that computes the ground stations mask radius has been updated to support MEO satellites (e.g. GPS, Galileo)



- Implementation of version checking with automatic update mechanism (Application → Check for updates) for
 - * application
 - * satellite models and mission files
- Up-to-date mission configuration files and example projects

Bug Fixes

- Cannot select Earth texture when adding time blocks to the timeline (SAMI-AN-136)
- Cannot select orbit/attitude files if only one file in folder (SAMI-AN-138)
- Orbit or attitude files that cannot be found during project load does not prevent the satellites and scenario to be created. The file references can be corrected by editing the satellites.

Known Problems

None

Available Platforms

SAMIEdit is available for Mac OS X, Windows 64-bit and iOS (iPad):

	Distribution Package
Mac OS X	SAMIEdit_1_4_0_6.dmg
Windows 64-bit	SAMIEdit_1_4_0_6_Win_x64.zip
iOS (iPad)	Available in the App Store

Mission Support

The SAMIEdit distribution package includes 3D models and mission configuration files for the following ESA missions:

- Aeolus
- CHEOPS
- Cryosat-2



- EarthCARE
- MetOp-SG A/B
- Sentinel-1A/B
- Sentinel-2A/B
- Sentinel-3A/B
- Sentinel-5P
- Sentinel-6
- Seosat
- SMOS
- Swarm A/B/C

In addition, a “Dummy” satellite model is provided. which can be used to define additional missions. See Section “Adding User-Defined Missions“ in SAMIEdit Quick Start Guide for further information.

Example projects are provided for all missions.

Latest versions of

- Orbit files , e.g. Orbit Scenario Files (ORBSCT), Predicted Orbit Files (ORBPRES)
- Attitude Definition Files (ADF)
- Swath Definition Files (SDF)

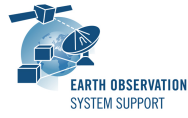
for the supported missions can be downloaded by triggering the check for new mission updates menu option (“Application —> Check for updates”)

Alternatively, Orbit Scenario Files (OSF) or Predicted Orbit Files (POF), Attitude Definition Files (ADF) and Swath Definition Files (SDF) for the supported missions can be found in the EOP System Support web server under the link:

[MISSION DATA](#)

Further Information

For more details, please have a look to the SAMIEdit Quick Start Guide: [SAMIEdit Quick Start Guide Desktop v1 4 0 6.pdf](#)



Contact

For questions, suggestions or reporting issues, please send an e-mail to the SAMIEdit Helpdesk:

sami@eopp.esa.int