

AOCS SW Development for SWARM

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AOCS SW Development Process for SWARM, Sentinel-2 and EarthCare: Using the Matlab/Simulink environment and a dedicated AOCS offline simulator (AOSE) we are able to define and test AOCS algorithms very early in the project lifetime. The algorithms specification is taken directly from the AOSE. After SW coding by the SW supplier the AOCS part of the overall onboard software is reinjected into the AOSE for performance verification assuring a lean development process."