The IASI L1 processing software and its integration within AAPP

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The IASI L1 processing software has been developped by Thales under the direction of CNES, for direct integration in the core ground segment of EUMETSAT.

The NWPSAF has been authorized by the CNES to modify the software in order to adapt it to the needs and constraints of AAPP. The IASI processing software (IASI OPS) has therefore been interfaced with AAPP modules and libraries, and ported to several popular UNIX platforms.

This presentation gives an overview of the IASI OPS architecture; it describes the inputs and the products of IASI L1 processing, some of the inner workings of the software, focusing on practical aspects rather than on scientific issues. The performances of IASI OPS on several platforms are also presented.