

# Meteorology Warning Management System in Macedonia

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## Abstract

*During 2010, there was a need to organize the management of the warnings that the National meteorological service has to publish on a daily basis.*

*In order to achieve this goal, there was an idea to develop software which will, in an acceptable way, unite all the needs at the moment, but the solution needed to be easily upgradable.*

*The application, called AlarmerInt, officially started working on October 14, 2011. Today, it is being used constantly in the daily operation of the Forecast Service of the Republic of Macedonia.*

*So far, the following has been achieved:*

- Full multilingual support*
- Ini-based application running*
- Ability to operate in two modes according to the IP address of the machine (test location or active sending mode)*
- Easy graphical user interface for the duty forecaster*
- Working with ready-made sentences (a forecast part and a consequences part) that may change*
- 4 formats for data export (xml, png, csv, kmz)*
- 4 different Internet sites for reporting (the xml format always leads to Meteoalarm.eu)*
- Daily logging of user actions (a list of actions for the current day is always available)*
- Completely ready to run for 5 days (Current Day + 4)*

*The support is permanent, the software is upgradable and the users always have access to the latest information documents provided by the Cloud-based free Internet service. Also, the Manual of operation, the basic readme file and the video tutorial on the video channel of the National meteorological service are available.*