The Most Wanted Features

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We develop different software products for daily operational needs of National Meteorological Services
1/3rd of ECMWF Member & Co-operating states use Visual Weather as operational forecasting platform
Visual Weather is being developed for many years, constantly updating its technology so it is very “fresh & modern”.
Visual Weather internally has modular design, so only selected modules are operated. … And there is a lot of different modules, satisfying different requirements.
To collect & manage requirements & ideas from user community, we annually conduct **User Group Meeting** to exchange know-how and to jointly collaborate on requirements.
And the winners are...
Main Panel Dashboard provides daily task list, weather monitoring and overview of situation, notifications.
Graphical SIGMET Editing - polygon based editing with graphical depiction and consistent automatic encoding
Collaborative Feature Editing - to jointly create consistent forecast depiction over larger region by multiple meteorologists
Native IWXXM 2.0 integration and ICAO Annex 3 Amendment 77 support
Alert Editor, first guess warning, issuing CAP alerts and integration to MeteoAlarm
Forecast production platform - authoring of forecast and generating multiple outputs
“Multi view” - interactive display of multiple synchronized windows differing by time, elevation, model, ensemble or parameter
Roaming profile - tool to explore the atmosphere profile, its stability and other characteristics
Training Server - simulation of real-life cases for training purposes, competence assessment tool
Internal math kernel, functional data processing by user equations
Expandability of Python API - custom functions, algorithms, integrations, processing
OpenGIS Web Services
Web Map Service 1.3.0 (Time & Elevation BP)
Web Coverage Service 2.1 (MetOcean Application Profile)
Web Feature Service +Transactional
OpenGIS Web Processing Service - custom server-side value-added computations
Interactive map widgets for web pages & mobile, alongside with underlying dynamic Tiles (WMS)