

MESSIR-VISION

Forecaster's Workstation

COROBOR
S y s t è m e s

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Weather has an impact on most of human activities as transportation, construction, military activities, agriculture, and fishing. Weather can even endanger human life, property and natural resources. Weather forecasters are professionals who prepare accurate weather predictions, issue warnings about severe conditions and anticipate day-to-day variations.

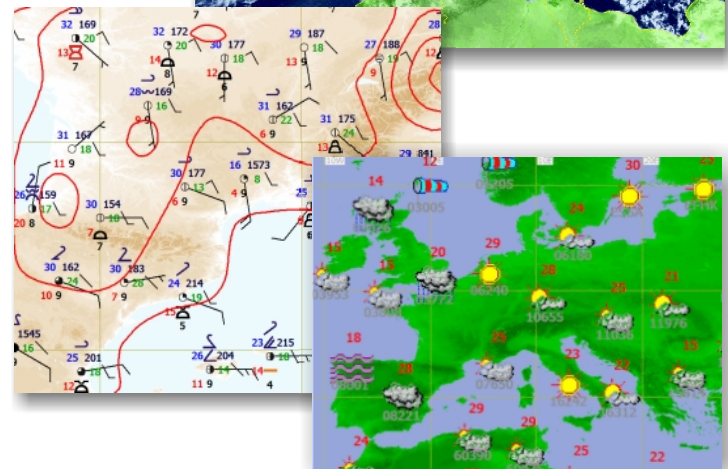
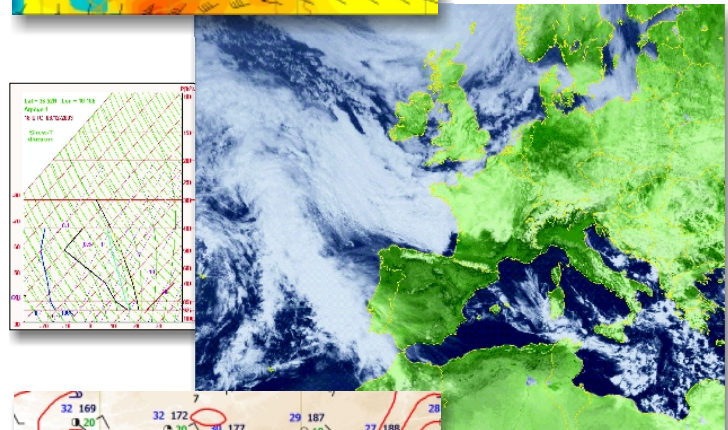
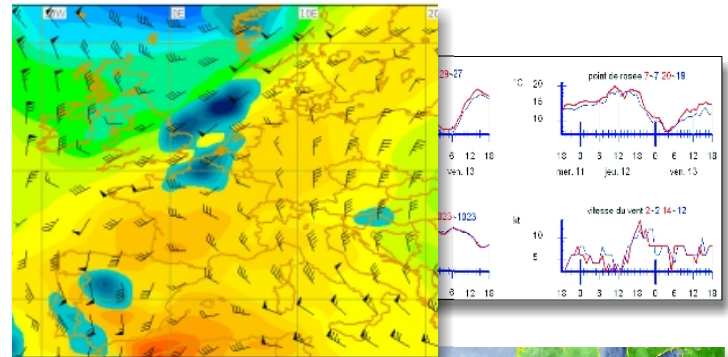
To better perform their duty, weather forecasters use modern PC-based Forecaster applications such as **MESSIR-VISION**.

Today, there is an ever growing amount of meteorological data and products, available from a wide variety of sources, and in different formats. These can include surface and upper-air observations, numerical weather predictions (models), satellite and radar imagery,... The **MESSIR-VISION** Forecaster's Workstation integrates this vast amount of information into a single system.

MESSIR-VISION provides the Forecaster with a comprehensive range of tools to display, manipulate and combine all the available data and products, make decisions and produce outputs such as maps and forecasts.

Some GOOD REASONS to choose MESSIR-VISION

- **MESSIR-VISION** has been chosen by NOAA for its ISCS workstation, the French Air Force (60 units), the European Community for the Meteosat MSG PUMA Project in 50 African countries, the WMO for the SIDS Carribean project (12 units), The National Met Services of Finland, Greece, Singapore, Thailand, Mexico, Argentina, Egypt, Algeria, Morocco,...
- **MESSIR-VISION** is the most innovative solution on the market : it is the first forecaster workstation, with such power and functionality, that runs under Windows. This use of Windows brings an unbeatable advantage in terms of ease of use, ease of maintenance, training of users and technicians, and affordability.
- **MESSIR-VISION** response times are unequalled on the market today. **MESSIR-VISION** is able to display, overlay, animate any format of meteorological data available worldwide. COROBOR powerful software development team can customize **MESSIR-VISION** to your very needs within a few days.
- COROBOR is ISO 9001 Certified



MESSIR-VISION World #1

for Windows based Forecaster Workstations.
More than 390 MESSIR-VISION workstations in
More than 90 countries



MESSIR-VISION Main Features

Plug into any data source !

- MESSIR-COMM Message Switching System, GTS, SADIS 1G, SADIS 2G, ISCS-WAFS
- METEOSAT-MSG, EUMETCast, ACEWEX,
- Ethernet/FTP, Internet, WAFC FTP data servers, ...

Display all data and products !

- Global and Mesoscale GRIB-coded NWP model outputs from various origins and types : UK Met Office, ECMWF, Offenbach, Washington, MM5, ETA, PUM ...
- T4, PNG or BUFR-coded charts such as SIGWX, Wind-temp, ...
- **Be ready for TDCF codes !** Ingest data in BUFR format (SYNOP, SHIP, CLIMAT, TEMP, PILOT, TAF, METAR/SPECI, AIREP, AMDAR...)
- Satellite products and imagery : METEOSAT-MSG, METOP, GOES, MTSAT, XPIF, GRIB, ...
- Weather radar images, Lightning data, Wind-shear alert data
- Integrated Map Generator

Produce your own charts !

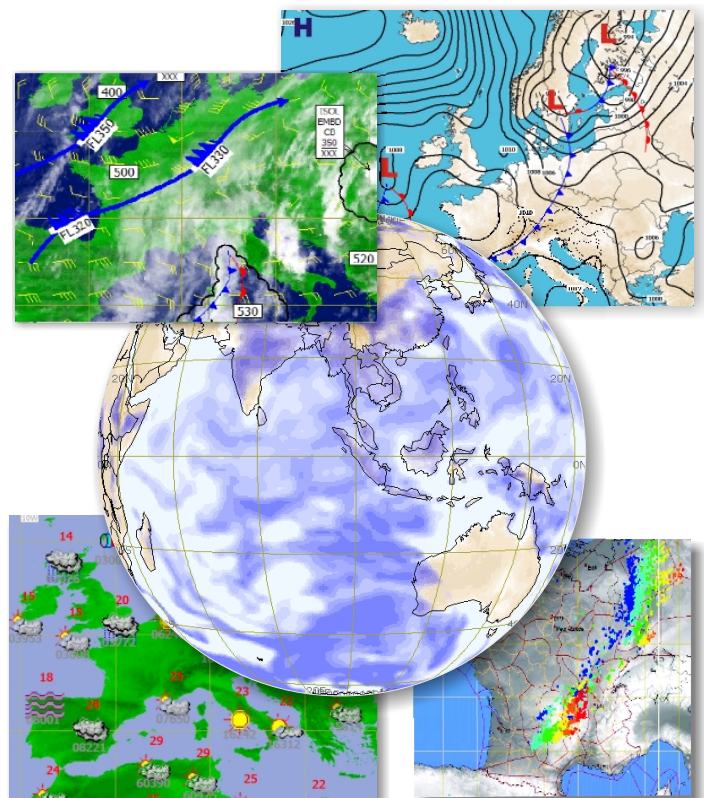
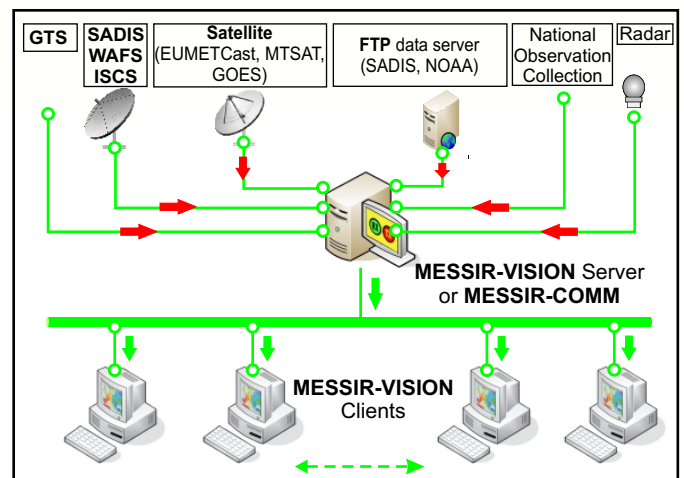
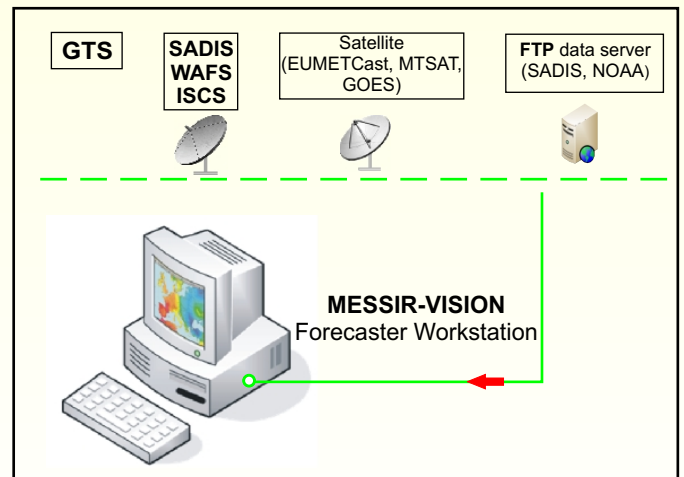
- "On-screen" production of SIGWX charts, with possibility to integrate and rework BUFR data originating from WAFS
- "On-screen" production of analysis and forecast analysis charts using a comprehensive range of meteorological symbols Integrated map generator to create your own map backgrounds

Get the best of all data and products !

- Data plotting: surface / upper air, isolining (with on-screen modification), objective analysis, time-series, air masses, overlay with satellite images
- Display, animate, overlay all parameters (wind, temperature, pressure, humidity, marine,) from NWP models
- Combine NWP parameters (formula)
- Display models in 3D, contours, streamlines, values, color shading, sections
- Modify model outputs with the mouse and re-compute GRIBs by simple mouse clicks
- Global as well as high-resolution LAM numerical models
- Overlays, multi-windowing, various projections
- Data monitoring and visual alerting
- Macro-commands : display all the data needed on a routine daily basis with three clicks only

Feed your Web Server

- Automated charts and animations production according to user-defined schedule
- Image export: JPEG, TIFF, Postscript, PDF, ...
- Standard codec and video format support : DivX, MPEG, AVI, ...
- XML interface support



Who are we?

COROBOR is a French company located in Paris, with an experience of 14 years in its market. COROBOR team is made mainly of meteorological software engineers, fully dedicated to the development of IT solutions for Meteorology and Aviation. So far, COROBOR has provided more

than 1000 MESSIR systems in more than 120 countries, including:

- **MESSIR-COMM** - World #1 for GTS Message Switching;
- **MESSIR-AERO** - World #1 for SADIS, ISCS, WAFS
- **MESSIR-VISION** - World #1 for Forecaster Workstations
- **MESSIR-SAT** - for EUMETCast, ...

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COROBOR
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COROBOR Systèmes obtained in 2002 the ISO 9001-2000 certification for its Quality Management System, designed to ensure customer satisfaction.

