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GST PRODUCT

WAFS-BriefNet™: Commercial Weather Briefing from the Web

Automatic Production and Self-Briefing System

Features:

- WAFS standard input: Alphanumeric, GRIB (Models), T4, and BUFR
- Additional processing modules for satellite and radar
- Scalable PC hardware
- Automatic product generator with scheduler
- Tools to manage product generation
- Ability to provide briefings over the Internet or Local Area Network
- Ability to generate and print flight documentation from login point
- Easy to learn and use

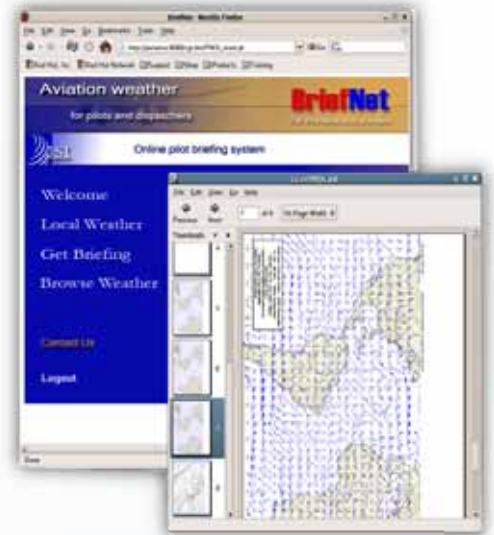
WAFS-BriefNet™ is an advanced weather briefing system that simplifies the process of creating and distributing current weather products and notices to end users. It is compliant to the standards of ICAO Annex3 (Meteorological Service for International Air Navigation).

WAFS-BriefNet services any web briefing need where the user has access to finished products and information. WAFS-BriefNet is a self-contained production system that automates the creation of finished meteorological products from raw input data, making those products available to end users. In addition to automatic product generation, the system assembles en-route product packages for pilot briefing. Pilots and other end users can obtain weather information briefings from a browser on any PC on the local area network or Internet.

WAFS-BriefNet simplifies the jobs of automatic product generation and assembling briefing materials from input weather data. While briefings can still be conducted from a central location, WAFS-BriefNet provides the flexibility to disseminate the information to users who may be located elsewhere.

Custom forecast products and notices created by the weather professional can be automatically added to briefing packages and the web pages for online access. Custom products can be added to briefing packages based on route, sector, or global need.

The WAFS-BriefNet engine resides on its own PC. And, the inputs include raw World Area Forecast System (WAFS) data including alphanumeric, T4, GRIB (GRIBdd Binary), and BUFR (Binary Universal Form for the Representation of meteorological data). Imagery can be added from satellite and radar processing systems. Any standard browser can be used to access a finished image product and/or flight briefings.



BriefNet Screen Shots

There are different ways of obtaining briefing weather information on WAFS-BriefNet:

- Get Briefing provides the ability to generate a briefing by route via a list of pre-configured flights to choose from. WAFS-BriefNet assembles the finished products, including alphanumeric query of METAR/TAF/SIGMET along route.
- Local Weather makes available local aerodrome conditions, warnings, messages, and imagery.
- Browse Weather allows users to view all weather products made available by the administrator. The Browse Weather GUI contains widgets to select products, including satellite, radar, stations (including flight conditions), T4 (DIFAX), SIGWX (BUFR), and models. All products are pre-generated and updated per the schedule of the administrator.