

Browser-based visualization tool for weather radar data

GAMIC Webview is a lightweight and powerful tool that enables a flexible and deviceindependent display of weather radar data in any web browser - desktop or mobile. It provides data from single radar sites up to multi-radar networks and serves data in real-time or archive mode.

COMPREHENSIVE VISUALIZATION AND ANALYSIS

While providing an easy to use user interface, Webview comes with many useful features and tools for a comprehensive analysis of your weather radar data. Different products, for example PPIs and cross-sections of different moments, can be viewed side-by-side due to the built-in multi-window synchronization.

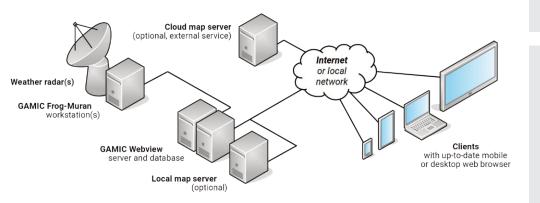
DYNAMIC VECTOR MAP UNDERLAY

To allow a detailed geographical assignment of weather radar data, Webview has an extensive vector map underlay based on OpenStreetMaps. The level of detail is set dynamically depending on the zoom level and map elements can be toggled as required by the

Webview comes with a basic background map but can be configured to display vector maps with various styles or even satellite image data. Both is possible by either using an optional external cloud map service or local map server. The latter solution can be set up for an internet-independent access.

VARIOUS APPLICATION SCENARIOS

Webview can be used everywhere. The only preconditions are an up-to-date web browser and network access. This allows various and flexible application scenarios, from inoffice product monitoring to on-site data inspection and on-the-go weather checkup.



Overview

- » View weather radar data in any web browser (desktop/mobile)
- » Display single radar sites or multi-radar networks
- » Real-time or archive data
- » Vector map underlay based on OpenStreetMaps

Features

- » Multi-radar composite on the fly
- » Display overlay products on top
- » Display additional single-site products
- » Multi-window synchronization
- » Variable cross-sections
- » Point values, distance measurements
- » Dynamic toggling of map elements
- » Fullscreen / kiosk mode
- » Share URL and export screenshots or animations
- » User management with configurable profiles and access control
- » Multi-language support (EN, DE, FR, ES, PT, RU, ...)

System setup

- » Product generation: Frog-Muran weather radar software suite
- » Host: Linux-based web server
- » Client: any up-to-date web browser (desktop or mobile)
- » Map server: optional, local server or external service



