



Browser-based visualization tool for weather radar data

GAMIC Webview is a lightweight and powerful tool that enables a flexible and device-independent 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 user.

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 in-office 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 **toggleing 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

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