GAMIC Weather Radar Software
Webview

Browser-based **Visualization Tool** for Weather Radar Data

Webview is the latest software application developed by GAMIC. This lightweight tool enables flexible and hardware independent display of weather radar data in any web browser – desktop or mobile. Webview provides data from single radar sites up to multi-radar networks and serves data in real-time or archive mode.

GAMIC's webview is accessible in any up-to-date web browser – desktop, tablet, and mobile.

FLEXIBLE CONTEMPORARY APPLICATION

With GAMIC's Webview, **radar data and products can be displayed from everywhere**. The only preconditions are an up-to-date web browser and network access. This enables various and flexible application scenarios, from in-office product monitoring to on-site data inspection and on-the-go weather checkup.

VECTOR MAP UNDERLAY

To allow a detailed geographical assignment of weather radar data, Webview includes an extensive **vector map underlay, based on OpenStreetMaps**. The level of detail is set dynamically depending on the current zoom level. Webview default is a clear and straightforward map style, which however can be adjusted or completely replaced by a user-defined style.

WEBVIEW COMPONENTS

The final **visualization in a client's web browser** is the core feature of GAMIC's Webview. However, its basis is the **Webview host** which serves radar products from a central database. This can be fed by the weather radar product generation from our software suite FROG-MURAN. Optionally, a **local tile server** can be set up to provide vector tiles for the underlay map which is thereby independent from internet access.

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
» **Interactive cross-sections**
» **Easy sharing** of current view via URL
» **Configurable user profiles** with access control / user login
» **Fullscreen mode** for accessible displays
» **Point values** with markers
» **Distance measurement**
» **Multi-language support** (EN, DE, FR, ES, PT, RU, ...)
» **Other products as overlay** (wind vector field, rain gauge data, ...)

System Setup

» **Client:** up-to-date web browser
» **Host:** Linux-based web server
» **Product generation:** FROG-MURAN weather radar software suite
» **Tile server:** optional, local map server

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