WHERE WEATHER MEETS THE EYE

askvisual.de
ask - Innovative Visualisierungslösungen GmbH (ASK) serves customers globally, specializing in data processing and custom visualization solutions, focusing on meteorological, climatological, and cartographic data.

Our main areas of business are:

• **TriVis Weather Graphix**: an ASK product, is a comprehensive, easy-to-use media visualization solution. It delivers unmatched graphics and animations, utilizing weather, climate, and geostationary data for a compelling experience.

• **Weather Content Production**: ASKMeteo, another ASK service, operates as an efficient, automated service producing weather graphics and animations on ASK's robust and secure infrastructure. Tailored for small weather services and TV stations, it is a reliable solution in weather content creation.

• **Software Engineering**: We excel in developing and consulting on custom software solutions, uniquely crafted to meet the specific requirements of our customers from meteorology, earth observation, climatology, air traffic control, and related fields.

Utilizing the latest IT frameworks and incorporating innovations such as Artificial Intelligence (AI), we collaborate with universities and institutions, conducting research projects and supervising theses to ensure our software solutions remain at the forefront of technology.
ASK transforms customers’ ideas into successful projects using expert management and dedicated teams.

We apply standardized methods in analysis, design, and software development for efficient and high-quality solutions, adhering to standards from organizations such as the World Meteorological Organization, International Civil Aviation Organization, EUROCONTROL, INSPIRE directive, International Telecommunication Union, European Broadcasting Union, Open Geospatial Consortium and more.
Since over 30 years continuously providing IT solutions such as:

**Present**

- **trivisWS-AI**
  - browser-based AI-powered weather system
- **SIFT**
  - interactive satellite data visualization for scientists and automated satellite image display
- **BDS**
  - EUMETSAT’s data provision service, User Interface and APIs
- **PVA/TriDev**
  - interactive image inspection for quality control and satellite image analysis
- **GSNMC**
  - automatic product generation for CLIMAT monitoring
- **NinJo**
  - all-purpose forecaster workstation for processing and displaying met. data
- **SkyView/SeaView**
  - self-briefing in aviation and maritime navigation
- **Java Map Electric Storm**
  - thunderstorm alerts for air advisory centers
- **Met4Airports-AI**
  - AI-based weather impact prediction for German international airports
- **BDVS/EVA**
  - Pytroll-based image generation solution
- **Climate Data Center**
  - in-depth data retrieval and climatological analysis
- **WTQ-Service**
  - Wind, Temperature, QNH Data provision Service for Aviation
- **METFROG**
  - SWIM-conform ATM display with fluently animated met data using WMS layers
- **WMO-WIS/GISC**
  - global data acquisition and dissemination audited by the WMO
- **WESTE**
  - automatic generation of documents based on archived weather data
- **TriVis Weather Graphix**
  - Software for the visualization of met. data for all media

**Since the 90s**

- **Software for the visualization of met. data for all media**
- **all-purpose forecaster workstation for processing and displaying met. data**
- **self-briefing in aviation and maritime navigation**
- **thunderstorm alerts for air advisory centers**
- **automatic product generation for CLIMAT monitoring**
- **SWIM-conform ATM display with fluently animated met data using WMS layers**
- **global data acquisition and dissemination audited by the WMO**
- **automatic generation of documents based on archived weather data**
- **Software for the visualization of met. data for all media**
TriVis is the most powerful graphics solution for the visualization of meteorological data – across all digital media platforms.

Our software ensures the cost-effective and flexible production of weather content. Incorporating the latest 3D computer graphics, TriVis meets all the demands of a vast range of production environments. It can illustrate any weather situation imaginable – in either 2D or 3D. TriVis can generate a wide variety of output formats – from still pictures, through dynamic animations to complete moving sequences.

It supports many different data sets and forecast models from a wide range of meteorological services. Interactive captions, symbols and even animated meteorological frontal systems can be visualized quickly and easily. TriVis is your easy-to-use, professional tool for creating sophisticated weather output.
Let us discover how we can support you to achieve your project goals successfully and efficiently.

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