ask - Innovative
Visualisierungslösungen GmbH

WHERE WEATHER MEETS THE EYE

askvisual.de
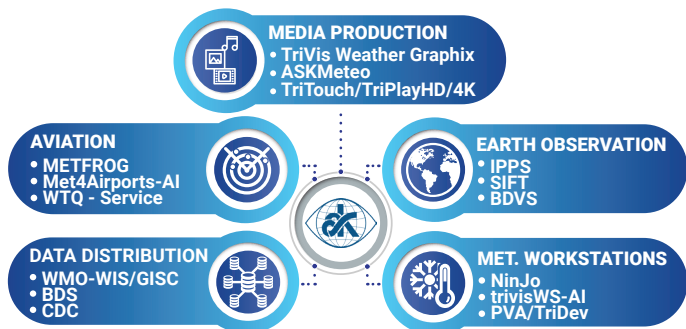
ask - Innovative Visualisierungslösungen GmbH

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.

MEDIA PRODUCTION
- TriVis Weather Graphix
- ASKMeteo
- TriTouch/TriPlayHD/4K

AVIATION
- METFROG
- Met4Airports-AI
- WTQ - Service

EARTH OBSERVATION
- IPPS
- SIFT
- BDVS

DATA DISTRIBUTION
- WMO-WIS/GISC
- BDS
- CDC

MET. WORKSTATIONS
- NinJo
- trivisWS-AI
- PVA/TriDev

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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.

![ask - Innovative Visualisierungslösungen GmbH logo]

Since over 30 years continously providing IT solutions such as:

Present

trivisWS-AI
browser-based AI-powered weather system

Met4Airports-AI
AI-based weather impact prediction for German international airports

SIFT
interactive satellite data visualization for scientists and automated satellite image display

BDVS/EVA
Pytroll-based image generation solution

BDS
EUMETSAT's data provision service, User Interface and APIs

Climate Data Center
in-depth data retrieval and climatological analysis

PVA/TriDev
interactive image inspection for quality control and satellite image analysis

WTQ-Service
Wind, Temperature, QNH Data provision Service for Aviation

GSNMC
automatic product generation for CLIMAT monitoring

METFROG
SWIM-conform ATM display with fluently animated met data using WMS layers

NinJo
all-purpose forecaster workstation for processing and displaying met. data

WMO-WIS/GISC
global data acquisition and dissemination audited by the WMO

SkyView/SeaView
self-briefing in aviation and maritime navigation

WESTE
automatic generation of documents based on archived weather data

Java Map Electric Storm
thunderstorm alerts for air advisory centers

TriVis Weather Graphix
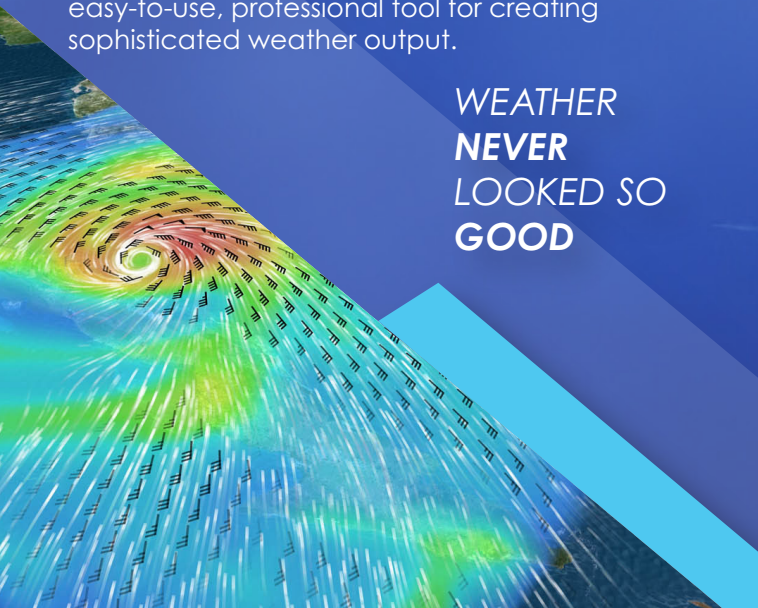Software for the visualization of met. data for all media
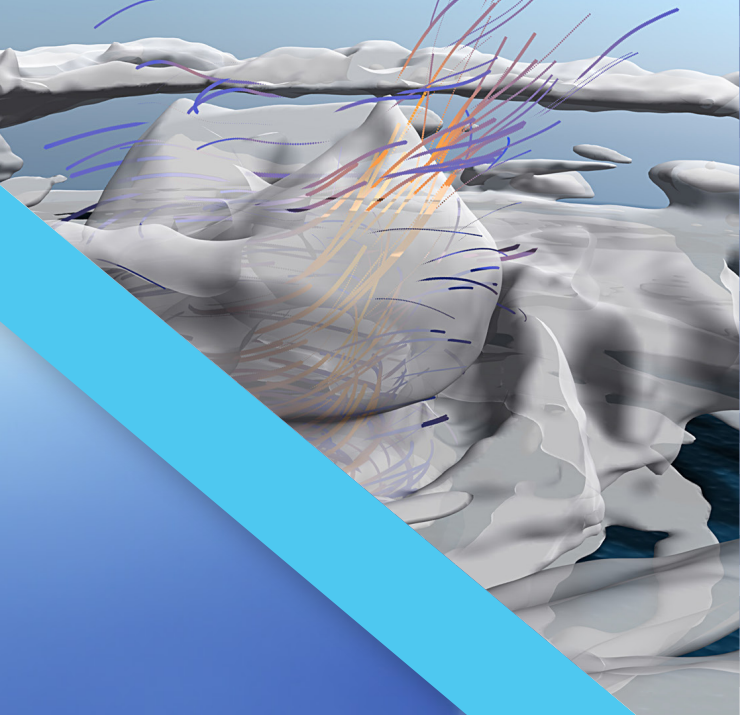
Since the 90s

TRIVIS WEATHER GRAPHIX

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.

WEATHER **NEVER** *LOOKED SO* **GOOD**

CONTACT US

Let us discover how we can support you to achieve your project goals successfully and efficiently.

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