

PROFESSIONAL  
TELEVISION WEATHER  
PRESENTATION



# TRIVIS WEATHER GRAPHIX

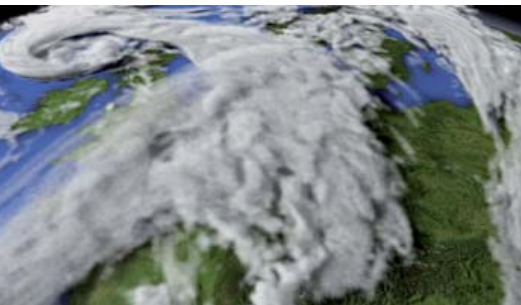
-Where weather meets the eye.





## TRIVIS WEATHER PRODUCTION SYSTEM

**Weather shows produced with TriVis™ Weather Graphix** are most probably familiar to you. Many television stations rely on TriVis™ Weather Graphix and so it reaches the highest number of viewers in Europe. The 3D quality of its cloud presentation and the weather flight are legendary and trend-setting. TriVis™ Weather Graphix has been continuously setting new standards for visualising meteorological data during its application in daily broadcast production since 1992.

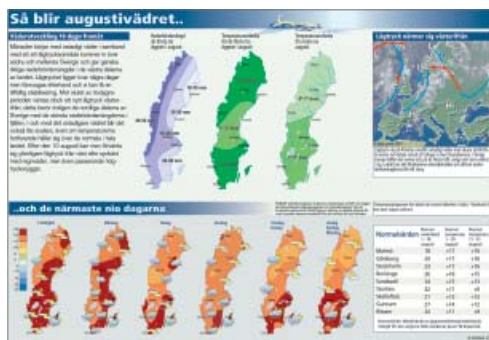


*The TriVis system masters 3D fly-throughs in fully detailed small regions. This is the ideal solution for the local forecast.*

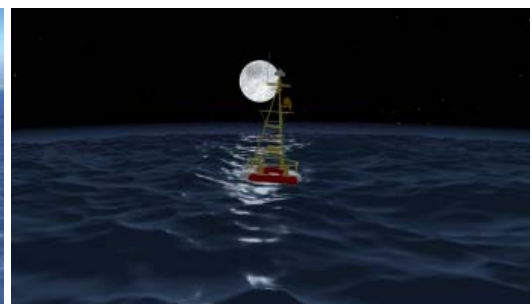
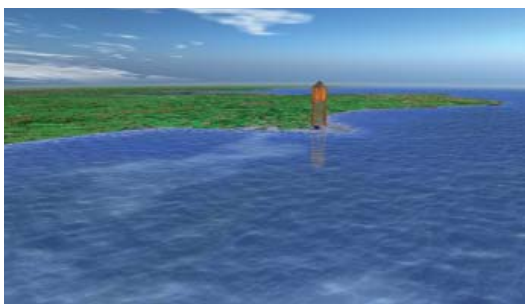
TriVis™ Weather Graphix provides a high degree of flexibility. It can produce any weather situation imaginable in 2D or 3D modules as still picture, dynamic graphics or as a complete film. You can use TriVis™ with different data and forecast models of any meteorological services.

Interactive lettering, symbols and even animated and meteorologically correct frontal systems can also be inserted. Any type of weather presentation can be made – from world weather to a local forecast. It goes without saying that individual designs, such as fonts of broadcasting stations, typefaces and background maps can be used.

With the TriVis™ Storyboard Producer you have a professional tool for designing your weather shows and one that is extremely easy to use. The various modules can be put together very quickly and provided with the usual soft or trick wipes, under certain conditions even in real-time. Modules can be inserted or taken out at short notice and your presentation adjusted to the latest weather developments.



*Newspaper Product with Vector and Pixel Graphics*

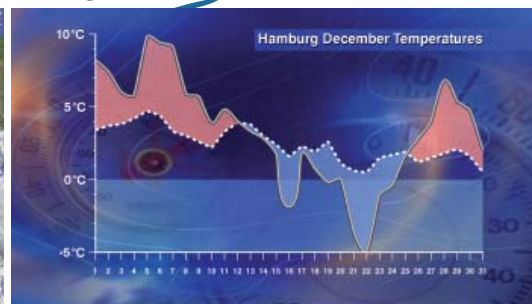


*Realistic Simulation of natural Effects such as Ocean Surfaces, Volumetric Clouds, Fog and Haze, Reflections, Illumination and Shadows*





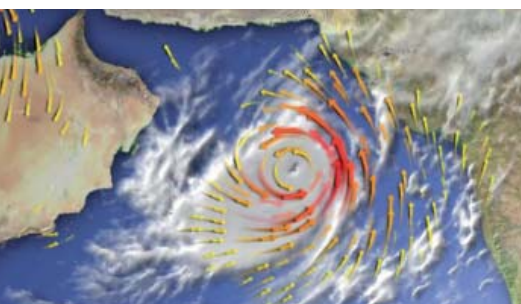
*Satellite animation over South Africa*



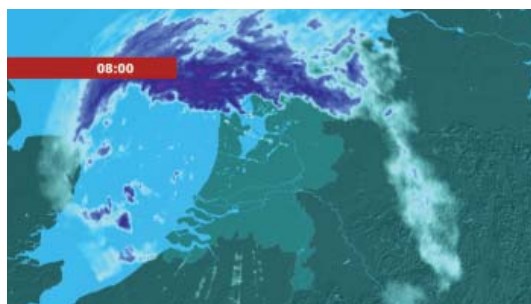
*Temperature of the past month compared to the climatological average*

TriVis™ Weather Graphix thus helps you save production costs in your editorial department while at the same time allows your skilled staff to focus on the meteorological content rather than being occupied with routine production work. TriVis™ Weather Graphix works for all standard broadcasting techniques. Pictures can also be generated in all common graphics formats for your on-line presentation.

The TriVis™ system is continually being developed further and adapted to the needs of our wide range of customers, which is to the benefit of all. You can extend your TriVis™ with modules at any time by starting with a 2D visualisation, for example, and then later using the full 3D functionality.



*Visualisation of a tropical cyclone*



*Radar data over The Netherlands*



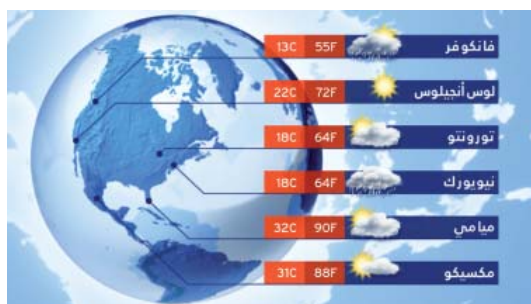
*Wind speeds near Antarctica*

The TriVis™ service partners will give you reliable support for your production. The meteorological services of the DWD and SMHI have been successful and competent service providers of weather forecasts for Europe for many decades. Their meteorological know-how is constantly being fed into the development of TriVis™ Weather Graphix. The company ask – Innovative Visualisierungslösungen GmbH has over fifteen years of experience in the graphical transformation of meteorological data. It guarantees professional installation of the complete systems, customer-tailored training, and an expert hotline.

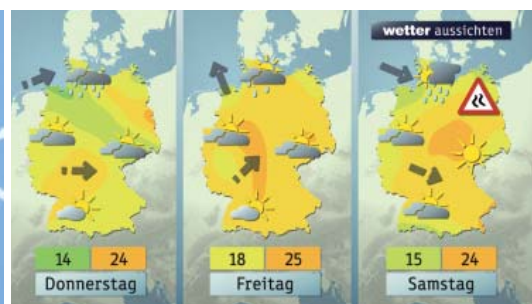
**Let us show you new dimensions in weather visualisation with the application possibilities of TriVis™.**



*Weather icons over Germany*



*Business weather table visualisation*



*Three-days outlook*

## THE TRIVIS SYSTEM FEATURES AND HIGHLIGHTS:

- Perfect image quality in SD and HD
- Dual-channel real-time output up to 1080p
- Interactive real-time 3D touch-screen solution
- EPS vector products for newspapers
- Direct delivery of Internet products
- Interface to common virtual studio solutions
- Very high resolution terrain textures
- Instant and near real-time rendering
- Very cost-effective production
- 2D or 3D animation loops
- Realistic volumetric clouds
- High quality visualisation of satellite images and radar data
- Visualisation of any scalar data (e.g., temperature, UV-Index)
- Animated 2D or 3D weather icons
- Statistically corrected spot forecasts
- Visualisation of information about frontal systems and isolines
- Usage of any font with comfortable import functions
- Forecast model independence and model merging possibility
- Fully integration of specific user supplied graphics
- Easy in configuration and use
- Interactive tools for planning of the flight-path
- Interactive tools for the manipulation and enhancement of the forecast data

## TRIVIS WEATHER GRAPHIX GROUP

### ask – Innovative Visualisierungslösungen GmbH

TriVis Sales

Heinrich-Hertz-Straße 1

D-64295 Darmstadt, Germany

Telephone: ++ 49 (0) 6151 66747-220

Fax: ++49 (0) 6151 66747-290

Email: [trivis@askvisual.de](mailto:trivis@askvisual.de)

[www.askvisual.de](http://www.askvisual.de)



### German Meteorological Service

#### Deutscher Wetterdienst

Vertrieb Offenbach

Frankfurter Straße 135

D-63067 Offenbach, Germany

Telephone: ++ 49 (0) 69 8062 2672

Fax: ++49 (0) 69 8062 3682

Email: [vorhersage@dwd.de](mailto:vorhersage@dwd.de)

[www.dwd.de](http://www.dwd.de)



### Swedish Meteorological and Hydrological Institute

Media Division

S-60176 Norrköping, Sweden

Telephone: ++46 (0) 11 495 80 00

Fax: ++46 (0) 11 495 85 22

Email: [trivis@smhi.se](mailto:trivis@smhi.se)

[www.smhi.se](http://www.smhi.se)



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