# COMPANY PROFILE

UBIMET is one of the world's leading private weather service providers, with headquarters in Vienna, Austria and offices around the globe (e.g. New York, Lagos, Melbourne).

We provide our partners and clients with fully customised, highly precise and time-relevant forecasts and ISO 9001 certified weather warnings. UBIMET provides professional business services including user-ready applications.

Our our Applied Research and Development Team works with international research institutions to continually refine weather models, improve forecast technology and expand our extensive product suite.

UBIMET is mindful of its responsibility to stakeholders. Weather dependent partners, infrastructure operators, government authorities and emergency services together with more than two million private customers are serviced by our expert team of meteorologists who watch over the weather globally, around the clock, 365 days a year.

## PRODUCT PORTFOLIO

#### WEATHER COCKPIT

- Rain radar & lightning detection
- Animated forecasts
- Individualised alerts
- Risk assesment & calculation
- Export forecast values as spreadsheet

## HYDRA RE-/ANALYSIS

- Real-time analysis and reanalyses
- Discards erroneous observations
- Provides basis for nowcasting
- Reanalyses transient historic data
- Ingested into our weather model

#### HYPER-LOCAL WEATHER INFORMATION



UBIMET Forecast for every single point of interest, calculated in real time. COMPETITION Forecast for an area, updated at fixed intervals.



## LIGHTNING DETECTION SYSTEM

- Patented 3D lightning detection
- Special signal processing with high detection accuracy of < 100m</li>
- Intra-cloud and ground detection
- Cell-tracking based forecasts

#### RACE MODEL

- High resolution numerical forecasts
- Manages complex local topography
- Accurate in terms of location and time
- Using analysed current condition data
- Considering local weather patterns

The lightning detection technology was invented in 1988 at the Ludwig-Maximilians-University/Germany. UBIMET provides fully integrated weather services and all required components (e.g. weather stations).





## Let's Develop Africa Together!

UBIMET has the expertise to increase meteorological capabilities in Africa, building a sustainable network together and giving you complete control of your weather data.

Through collaboration with local meteorological agencies and businesses, we would like to help you build capacity with our customised local weather models and analysis systems. We provide pinpoint forecasts, design customer-ready products and strongly support the evolution of infrastructure. In addition, we have a strong Applied Research and Development capacity.

We deliver reliable hyper-local weather forecasts, relevant data for you as a partner and end-user products that give you the information you need at the push of a button so you can generate revenue.



MINING

- Improve operational efficiency and yield
- Ensure plant equipment safety
- Specialised meteorological parametres, e.g. blasting index
- Live severe weather alerts
- High-precision lightning detection



### AGRICULTURE

- Increase yield and reduce costs
- Optimise crop and irrigation planning
- Livestock planning and risk management
- Real-time information for critical decisions
- Diagnostic and dedicated tools to assist in better crop and herd management



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- Receive critical data the day prior to flight
- Increase resource utilisation & capacity
- Reduce delays and downtime
- Protect assets and equipment
- Issue precise and proactive messages

Leading companies in the insurance industry, media, sports, infrastructure, energy as well as government authorities, municipalities, civil protection organisations, and emergency service organisations along with several million private customers rely on the severe weather warnings and customised solutions from UBIMET.

#### Contact:

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