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# COMPANY PROFILE

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YOUR FRIENDS IN EVERY WEATHER

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# WEATHER EXPERTS WHO CARE



**We believe in the power of constant development, ongoing research, and steady innovation.**

**MicroStep-MIS company has been operating in the area of environmental monitoring since 1993. For the past 27 years we have established ourselves as an accepted and respected world-wide player in the field. Thanks to your - our partners and suppliers - continuous confidence in our product and services, we were able to grow and evolve professionally to become who we are today.**

Our aim is to do our business with high ethical standards, distinguished respect to our partners' needs, and within the framework of our core values. We believe in the power of constant development, ongoing research, and steady innovation. The final outcome is an effective and timely weather-related decision-making by our clients which is based on reliable and timely data provided by our monitoring systems.

Satisfaction of our clients is our top priority, therefore we strive to continuously invest in the improvement of our products and services based on the clients' needs and desires. We believe that our own success goes hand in hand with facilitating our clients to achieve their visions; and we are very proud to be part of those meaningful mutual projects around the globe.

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**Martin Gažák**  
Managing Director

# OUR PROJECTS WORLDWIDE

350+

...  
aviation  
systems

- 1 Arc Detectors, Sweden
- 2 Flood Warning System, Slovakia
- 3 National Network of more than 1000 Automated Weather Stations, Turkey
- 4 Met-ocean Monitoring System, Kuwait
- 5 Road Weather Information System, United Arab Emirates
- 6 AWOS for Damman and Riyadh Airports, Saudi Arabia
- 7 Volcanic Ash Trajectories and their Environmental Impacts, Saudi Arabia

75+

...  
supplied  
countries

- 8 Automated Weather Observation System for 67 airbases, India
- 9 National Network of Meteorological Stations, Nepal

2500+

...  
professional  
met stations

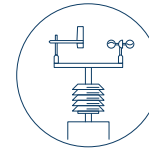
- 10 Ambient Radiation Monitoring Network, Singapore
- 11 Low Level Windshear Alert System for Soekarno-Hatta International Airport, Indonesia
- 12 PAGASA Unified Meteorological Information System, Philippines

# KEY BUSINESS FIELDS

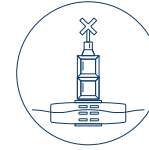
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**MicroStep-MIS specializes in development and manufacturing of monitoring hardware and information systems, processing of acquired data, research and numerical modeling.**

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**Meteorology and Climatology**



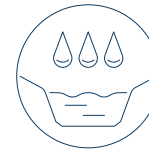
**Marine Monitoring Systems**



**Radiation Monitoring Systems**



**Modeling and Forecasting**



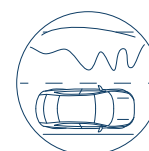
**Hydrology and Flood Forecasting**



**Aviation Weather Systems**



**Crisis and Early Warning Systems**



**Road Weather Information Systems**



# COMPLEX SOLUTIONS FOR WEATHER AND ENVIRONMENTAL MONITORING



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**We support our partners throughout all stages of the project lifecycle starting with an initial consultation and ending with a knowledge transfer.**

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# YOUR EXPERIENCE . . .



***“Our cooperation with MicroStep-MIS has lasted for more than 20 years during which we worked together on various projects. We highly appreciate the customer-oriented, professional and innovative approach of MicroStep-MIS and hope our fruitful collaboration will continue for many more years to come.”***

Said Al Harthy, Public Authority for Civil Aviation, Oman

***“MicroStep-MIS’ small and compact radar is designed for all weather phenomena. Its unique features make it suitable for assisting meteorologists in their day to day work. Distinctive as it has a user friendly interface with other met-systems. A truly indispensable and worth investing product for met-forecasting.”***

Joseph Schiavone, Malta International Airport



***“MicroStep-MIS provided us with excellent products, services and after sale support. We’ve been 100 % satisfied in our partnership with MicroStep-MIS and wish to continue working with them in the future.”***

Mr. Karim Abdelli, National Office of Meteorology of Algeria

# CERTIFICATIONS

**All established practices are in accordance with the requirements of the latest edition of the International Standards.**

**MicroStep-MIS has established and applied an Integrated Management System and is competent and accredited to carry out calibration services. All established practices are in accordance with the requirements of the latest edition of the International Standards.**

- » Quality Management System (ISO 9001)
- » Quality Management System in Projects (ISO 10006)

- » Environmental Management System (ISO 14001)
- » Information Security Management System (ISO 27001)
- » General requirements for the competence of testing and calibration laboratories (ISO 17025)



Civil Aviation Authority of the Slovak Republic



TÜV SÜD Slovakia s.r.o.




Slovak National Accreditation Service



Civil Aviation Administration of China



# SYSTEMS YOU CAN TRUST

A close-up photograph of a welder in a blue uniform, wearing a black Speedglas 3M welding mask and green protective gloves. The welder is focused on a task, with bright blue and white sparks erupting from the welding point. The background is slightly blurred, showing industrial equipment.

## **System Integration**

We add value to your current systems by integrating them together into one unified, centralized, easily accessible, and user-friendly structure.

## **Customized Solutions**

We design, develop, produce, and deliver tailor-made solutions. High level of customization allows our systems to adapt to the individual requirements of our customers.

## **Research and Innovation**

Our researchers actively contribute to a number of internal and external research programs and activities; results of which are being published in scientific journals and implemented in our production processes.

## **HW and SW Development**

Our highly qualified staff of developers and experienced researchers, as well as, our close cooperation with our customers guarantee the development of the most progressive and outstanding solutions.

## **Turnkey Projects**

Our activities cover the complete process from initial consultation, hardware and software development, system integration, delivery, on-site training and finally the knowledge transfer for a successful operation.

## **Calibration Laboratory**

The Laboratory is accredited according to standard ISO / IEC: 17025 and thus competent to carry out the calibration of instruments of temperature, humidity, pressure and rain gauges.



# OUR SCIENTIFIC COOPERATION PARTNERS



Slovak University of Technology,  
Faculty of Electrical Engineering  
and Information Technology



Comenius University, Faculty  
of Mathematics, Physics  
and Informatics



Slovak Hydrometeorological Institute



The Association of Hydro-Meteorological  
Equipment Industry



Russian State Hydrometeorological  
University



Slovak Academy of Sciences, Institute  
of Informatics



Swedish Meteorological  
and Hydrological Institute



Delft University of Technology



POLSKA AGENCJA ŻEGLUGI POWIETRZNEJ  
POLISH AIR NAVIGATION SERVICES AGENCY

Polish Air Navigation Services Agency



SESAR Joint Undertaking



EUROCAE



Transport Authority of Slovak Republic

...

**COMPLEX SOLUTIONS FOR**

*the real world*

...

**CONTACT US**

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